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AMERICAN CHEMICAL SOCIETY

Council Agenda

Wednesday, August 25, 2021
11:00 AM EDT

VIRTUAL MEETING

Contact secretary@acs.org for
detailed meeting information and certification

Updated July 30, 2021

AMERICAN CHEMICAL SOCIETY
 COUNCIL VIRTUAL MEETING
 11:00 A.M. EDT
 August 25, 2021

AGENDA

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A. Resolutions

**DRAFT
MINUTES
COUNCIL
AMERICAN CHEMICAL SOCIETY**
March 24, 2021
Virtual Council

After affording each member of the Council the opportunity to sign onto the Virtual Council platform, and confirming that the Councilors could see and hear the meeting, and ask questions at the designated times, the Council of the American Chemical Society met virtually on March 24, 2021, beginning at 11:00 a.m. ET. Dr. H. N. Cheng, President of the Society and of the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives totaling 456 were present (attendance list attached):

Ex-Officio: 38; **Bylaw:** 1; **Divisions:** 84 (4 were Alternate Councilors); **Local Sections:** 333 (12 were Alternate Councilors, and 2 Temporary Substitute Councilors); and 21 Nonvoting/Noncouncilors (staff and others). Approximately 55 observers were in attendance.

Resolution

The Council ADOPTED the following resolution as presented by Council Policy Committee (CPC) Vice-Chair Dr. Martin Rudd:

1. BE IT RESOLVED That the Council of the American Chemical Society commemorates the passing of the following Councilors, remembering them with respect and affection, and extending sincerest condolences to their families in their bereavement:

- Dr. Ernie Simpson, Retired Professor Cal Poly Pomona, and Councilor for the San Geronio Section from 2008 to 2019.
- Dr. Harry Pershing Schultz, Retired, Chemistry Department of the University of Miami and Councilor for the Florida Section from 1974 to 1977.
- Dr. Phillip Landis, Retired, Mobil Research and Development, and Councilor for the South Jersey Section 1972 to 1983.
- Ms. Jacqueline Erickson, Sr. Development Scientist, GSK Consumer Health Care, and Councilor for the North Jersey Section 2000 to 2011 and 2014-2020, and Bylaw Councilor 2021.
- Dr. Elise Ann Brown, research pharmacologist at the National Institutes of Health, and Councilor for the Chemical Health & Safety Division from 1987 to 1989 and Councilor for the Chemical Society of Washington Section from 1989 to 2009 and 2013 to 2015.
- Mr. George Ruger, Founder, Palladium Science Academy, and Councilor for the Mid-Hudson Section from 2011 to 2016.
- Dr. George Bodner, Emeritus Professor, Purdue University, and Councilor Ex Officio, Director, District II from 2011 to 2016, and Councilor for the Purdue Section from 1985 to 2010 and 2018 to 2021.

Councilors observed a moment of silence following the presentation of the preceding resolution.

Approval of Minutes

2. VOTED to approve, as distributed, the minutes from the meeting of August 19, 2020.

Report of Interim Action, Council Policy Committee

The report of an interim action from the Council Policy Committee (CPC) pertaining to the election of Dr. Martin Rudd as Vice-Chair of CPC for 2021 was presented for information to Councilors.

Nominations and Elections

Dr. Amber S. Hinkle, chair, Committee on Nominations and Elections (N&E), in accordance with the provisions of Standing Rule IV, Sec. 4., b. and c., presented the following nominees for selection as candidates for President-Elect 2022: John C. Warner, Judith C. Giordan, Gerard Baillely, and Anne M. Gaffney. Each of the nominees spoke to Council.

3. VOTED to select John C. Warner and Judith C. Giordan as candidates for President-Elect 2022.

Dr. Hinkle introduced the candidates for the Board of Directors, chosen by voting Councilors in District I and District V for the election to be conducted this fall for the term 2022-2024: District I, D. Richard Cobb and Katherine L. Lee; and District V, Lisa Balbes and Joseph A. Heppert.

Dr. Hinkle then announced the following candidates for Director-at-Large on the Board of Directors: Rodney M. Bennett, Arlene Garrison, Natalie A. LaFranzo, and Lee H. Latimer. The two successful candidates will fill 2022-2024 terms.

Reports of Society Officers

President H.N. Cheng reported the following: The Presidential theme of Growth, Collaboration, and Advocacy continues to guide his symposia, webinars, articles, and books. He announced planned symposia on sustainability, innovation, and entrepreneurship for the Spring and Fall 2021 meetings, multiple webinars on entrepreneurship and new frontiers in chemistry, and a *C&EN* Comment on sustainability. He concluded by detailing his outreach to International Chemical Sciences Chapters and the results of a successful advocacy workshop for younger chemists.

President-Elect Angela Wilson reported the following: She thanked staff and member volunteers for all their work being conducted virtually. Dr. Wilson mentioned her participation in events organized by divisions, local sections, and regional meetings. Her initiatives next year will focus on the public understanding of chemistry and the future of the chemical enterprise.

Board Chair Paul Jagodzinski reported the following: The Board heard reports from ACS Officers, the Governing Board for Publishing, and the Chief Executive Officer. On the recommendation of the Committee on Publications, the Board approved the reappointment of several Editors-in-Chief for ACS journals. He concluded by inviting Councilors to a Board-sponsored keynote session on the "Future of Science in the U.S.: National Science Board's Vision 2030 at the ACS Spring 2021 virtual meeting."

Chief Executive Officer Thomas M. Connelly, Jr., reported the following: The Board of Directors approved extensive changes to the ACS Strategic Plan, and a fifth Strategic Goal was added: To Embrace and to Advance Inclusion in Chemistry. Dr. Connelly made the following personnel announcements: Dr. Rajendrani Mukhopadhyay was appointed as the first Vice President of Diversity, Equity, Inclusion and Respect; Mr. Glenn Ruskin, Vice President of External Affairs and Communications, will retire at midyear; Mr. Anthony Pitagno will serve as Senior Director of Government Affairs, Outreach and Alliances; Dr. Sue Morrissey was appointed Vice President of Communications, a newly created staff division; Ms. Kate Fryer, Executive Vice President for Membership, will leave ACS on March 26 for a

new opportunity; and Ms. LaTrease Garrison is the Executive Vice President of Education and of Membership, effective March 29, adding Membership to her remit, alongside Education. Membership in the Society grew in 2020, and Councilors are encouraged to approve the 2022 Schedule of Membership. ACS met all five Financial Guidelines, and finished 2020 with record revenues and net from operations. Dr. Connelly concluded his report by asking Councilors to visit www.acs.org/acshighlights to seek more information on other 2020 ACS achievements.

Reports of Elected Committees

Council Policy Committee (CPC)

Martin Rudd, committee vice-chair, reported the following: He thanked Councilors for participating in the two mock meetings of Council, as those preparations helped to enhance the experience for the virtual Council. CPC heard reports from its three subcommittees. CPC offers concurrence on the motions of the 2022 Schedule of Membership from the Membership Affairs Committee, and the 2022 Distribution Formula for Division Funding from the Divisional Activities Committee. CPC approved the amended petition offered by the Committee on Committees and offers concurrence on the Petition to Harmonize Committee Structures, Processes, and Terms and the Petition to Amend the Duties of the Committee on Local Section Activities. CPC's two working groups continue to tackle several issues: ensuring representation of all ACS members on Council, including those within the United States and overseas, and exploring the future formats and timings of Council Meetings.

Committee on Committees (ConC)

Diane Krone, committee chair, reported the following: In fulfilling a Standing Rule mandate, the performance review for the Committee on Ethics has been completed.

4. VOTED, on the recommendation of the Committee on Committees, and with the concurrence of the Council Policy Committee, that the Committee on Ethics be continued.

ConC reviewed the structure and appointment process of ACS committees and identified systematic barriers preventing or limiting engagement opportunities for unintentionally excluded members and some demographic groups. The committee drafted a petition that would harmonize the ACS committee structures, relax the "Councilor only" designation that exists for some committees, and standardize committee term limits. The committee heard feedback that because of the nature of their work, some committees may have a need for ongoing expertise. This is especially true for those committees who are specialized and, as a result, find it harder to attract new members. ConC voted to amend their petition as a result.

5. VOTED, with the concurrence of the Council Policy Committee, to approve the Petition to Harmonize Committee Structures, Processes, and Terms, as amended.

The petition will become effective immediately upon approval by the Board of Directors, however, existing committee assignments will be implemented beginning January 1, 2022. Councilors can complete their online committee preference forms for 2022 and check their contact information for accuracy on the 2021 Yellow Book during the period from April 1 to July 1, 2021.

Nominations and Elections (N&E)

Amber S. Hinkle, committee chair, announced the results of the morning's elections for President-Elect 2022 (see item 3, above). All candidates, including the two elected by Council and any other petition candidates certified by the July 15 deadline, will be placed on the ballot this fall. She reported: The Committee reviewed the distribution of the member population within the six electoral districts to determine equitable representation as required in the Standing Rules (SR IV, 9. a), and found the Society to be in compliance. The committee will develop slates of potential candidates for the Council Policy

Committee and the Committee on Committees for 2022-2024 terms. The names of the candidates will appear in the Fall Council agenda. Councilors were invited to submit names of qualified individuals for President-Elect and/or Directors for future consideration by email to the committee at nomelect@acs.org.

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

William Greenlee, committee chair, reported the following: In 2020, ACS generated a Net from Operations of \$60 million, which was almost \$20 million higher than budget. Total revenues were \$618.4 million, increasing 3.9% or \$23.1 million over 2019. Expenses for the year were \$557.4 million, virtually even with the prior year and almost 5% below budget. This result was attributable to strong revenue performance from the Society's Information Services units (CAS and ACS Publications) and a combination of COVID-19 related impacts on and careful management of expenses across the ACS. The Society's sources of net contribution totaled \$130.5 million and included Information Services and Investments. These sources funded net expenses associated with Society Programs. The Society's financial position strengthened considerably in 2020, with Unrestricted Net Assets, or reserves, increasing by 35% to \$553 million at December 31. The committee voted to support the proposed 2022 Schedule of Membership petition, and took no action on the Petition to Harmonize Committee Structures, Processes and Terms.

Education (SOCED)

Carmen Gauthier, committee chair, reported the following: The committee implemented a new organizational structure that is better aligned with its duties and goals. The U.S. National Chemistry Olympiad, Local Section and National Exams will be offered virtually again this year, omitting the laboratory portion of the National Exam. The ACS Bridge Program has 23 participating departments with one-to-two year bridge experiences in which prospective Black, Latinx, and Indigenous students preparing to transition into doctoral programs may enroll. The Lasting Encounters between Aspiring and Distinguished Scientists (LEADS) Conference, an initiative of ACS Immediate Past President Luis Echegoyen, is planned for November 2021. The committee took the following actions related to business before Council: voted to support the 2022 Schedule of Membership and the Petition to Amend the Duties of the Committee on Local Section Activities, and took no position on the Petition to Harmonize Committee Structures, Processes, and Terms.

Science (ComSci)

Martin G. Kociolek, committee chair, reported the following: The committee voted to support the 2022 Schedule of Membership, and voted to not support the Petition to Harmonize Committee Structures, Processes, and Terms. ComSci is working with President Cheng to publicize and organize activities on "New Frontiers and Opportunities for Chemistry," which will be presented through a series of webinars in summer 2021 and a symposium at the fall meeting. ComSci announced the organization of various symposia focusing on plastics, innovation and sustainable chemistry for the Spring and Fall 2021 meetings. The committee will consider revisions to three policy statements that are up for renewal this year addressing energy policy, the science, and technology of hydraulic fracturing, and preventing the reemergence of chemical weapons.

Reports of Standing Committees

Economic and Professional Affairs (CEPA)

Eric Bruton, committee chair, reported the following: The committee voted to support the Petition to Harmonize Committee Structures, Processes and Terms, and recommends that the Board allow the Healthcare Policy Statement to sunset. The ACS Career Consultant Program had a challenging but successful 2020 and was able to provide more than 350 one-on-one consultations, more than 700 virtual

office hours interactions, and host six career days that reached nearly 900 individuals. CEPA helped in the design of COVID-related questions for the 2020 Membership survey. Results show that the majority of ACS members felt secure in their jobs, despite the economic effects of the pandemic, and CEPA recently developed a plan to assist members facing unemployment through layoffs.

Membership Affairs (MAC)

Brian M. Mathes, committee chair, reported the following: The number of ACS members increased for the third year in a row. The growth was attributed to concerted efforts placed on strategic market tests. This trajectory is not sustainable, however, and the committee has conducted significant analysis on other ways to grow the membership. The 2022 Schedule of Membership was developed to include more members, under various categories.

6. VOTED, with the concurrence of the Council Policy Committee, to approve the 2022 Schedule of Membership.

Meetings and Expositions (M&E)

Rick Ewing, committee chair, reported the following: The committee sought feedback from various sources regarding the Fall 2020 Meeting. M&E and the Committee on Divisional Activities (DAC) appointed a Joint Task Force on the Spring 2021 meeting, with membership from M&E, DAC, the Multidisciplinary Program Planning Group, and Program Chairs. The task force met bimonthly and was instrumental in shaping the upcoming spring meeting. Planning for the fall meeting in Atlanta as a hybrid meeting is fully underway, with contingencies for a seamless transition to a fully virtual meeting should that be needed. In 2020, six of seven regional meetings were canceled, while for 2021 the spring regional meetings are planned as virtual, the fall meetings are planned as in person, and the Rocky Mountain Regional Meeting will be hybrid. The current Spring 2021 Meeting is fully virtual with 4,400 registered attendees, more than 8,700 abstracts and 120 live scientific sessions per day.

Divisional Activities (DAC)

James M. Takacs, committee chair, reported the following: The committee voted to support the Petition to Harmonize Committee Structures, Processes and Terms and the 2022 Schedule of Membership. The committee took no position on the Petition to Amend the Duties of the Committee on Local Section Activities. DAC received six Innovative Project Grants (IPG) applications for the spring cycle, and is using a new scoring rubric to evaluate proposals. The committee has been working on a new allocation formula for Divisions that is transparent, immediately implementable, reduces the year-to-year variation in the distribution amount, and will work in all current national meeting formats.

7. VOTED, with the concurrence of the Council Policy Committee, to approve the Distribution Formula for Division Funding.

DAC acknowledged the dedicated efforts of the Multidisciplinary Program Planning Group and participating divisions in organizing a wide range of excellent programming in support of the delayed Spring Meeting theme, Macromolecular Chemistry: The Second Century.

Local Section Activities (LSAC)

Matthew Reichert, committee chair, reported the following: LSAC hosted the Local Section Track during the ACS Leadership Institute Experience kick-off weekend on January 9-10, 2021. More than 140

local section representatives participated in the virtual sessions. Following the success of last year's Diversity, Inclusion and Respect Grant pilot, LSAC voted to add these grants to its portfolio. The committee drafted a petition to provide LSAC with the authority to support Local Sections by taking action on their behalf, including appointing an interim executive committee and/or facilitating a Local Section's election when there is a lapse in the local section's leadership.

8. VOTED, with the concurrence of the Council Policy Committee, to approve the Petition to Amend the Duties of the Committee on Local Section Activities.

Constitution and Bylaws (C&B)

Donna G. Friedman, committee chair, reported the following: The committee certified 11 unit bylaws since the fall 2020 meeting. C&B voted to interpret the word "mail" as including "email" in unit bylaws still using "mail" in their election bylaws, provided that those bylaws do not include words such as "envelope" or "postmark". New petitions to amend the Constitution and/or Bylaws must be received by the Chief Executive Officer no later than May 5 for consideration by Council at the Fall 2021 meeting.

Reports of Other and Joint Board-Council Committees

Technician Affairs (CTA)

Jennifer McCulley, committee chair, reported the following: CTA awarded the 2020 National Chemical Technician Award to John Stelter of the 3M Corporation, and the 2021 National Chemical Technician Award to Nita Xu of the Dow Corporation. The committee selected and recognized the Midland Local Section as the recipient of the 2020 ChemLuminary Award. CTA is co-sponsoring seven events at the Spring 2021 Meeting. The committee is seeking new associates and nominations for its awards, especially the 2022 National Chemical Technician Award.

New Business

Resolution

The Council adopted the following resolution:

9. BE IT RESOLVED That the Council of the American Chemical Society expresses its sincere and heartfelt concern for all of the members and staff of the American Chemical Society and their families who have been touched by the COVID-19 pandemic. We salute your resolve and offer our deepest appreciation and gratitude for your coordinated response to the COVID-19 pandemic. A brighter future awaits us and together we will ensure that the Society emerges from the pandemic stronger than ever and doubly committed to our vision of improving all people's lives through the transforming power of chemistry.

There being no further business, the meeting adjourned at 2:56 p.m. ET.

Flint H. Lewis
Secretary

Certified Councilors for the March 24, 2021 Virtual Council Meeting

Dr Allison A. Campbell	Ex Officio Councilor
Dr Angela K. Wilson	Ex Officio Councilor
Dr Attila E. Pavlath	Ex Officio Councilor
Dr Bassam Z. Shakhshiri	Ex Officio Councilor
Dr Bonnie A. Charpentier	Ex Officio Councilor
Dr Bruce E. Bursten	Ex Officio Councilor
Dr Bryan Balazs	Ex Officio Councilor
Dr Carolyn Ribes	Ex Officio Councilor
Dr Catherine T. Hunt	Ex Officio Councilor
Dr Charles P. Casey	Ex Officio Councilor
Dr Christina Bodurow	Ex Officio Councilor
Dr Diane Grob Schmidt	Ex Officio Councilor
Dr Donna Nelson	Ex Officio Councilor
Dr Dorothy J. Phillips	Ex Officio Councilor
Dr E. Ann Nalley	Ex Officio Councilor
Dr Edel Wasserman	Ex Officio Councilor
Dr Elsa Reichmanis	Ex Officio Councilor
Dr Gordon L. Nelson	Ex Officio Councilor
Dr H. N. Cheng	Ex Officio Councilor
Dr Ingrid Montes	Ex Officio Councilor
Dr John E. Adams	Ex Officio Councilor
Dr Joseph S. Francisco	Ex Officio Councilor
Dr Katherine L. Lee	Ex Officio Councilor
Dr Lee H. Latimer	Ex Officio Councilor
Dr Marinda Li Wu	Ex Officio Councilor
Dr Ned D. Heindel	Ex Officio Councilor
Dr Paul H.L. Walter	Ex Officio Councilor
Dr Paul S. Anderson	Ex Officio Councilor
Dr Paul W. Jagodzinski	Ex Officio Councilor
Dr Peter K. Dorhout	Ex Officio Councilor
Dr Teri Quinn Gray	Ex Officio Councilor
Dr Thomas H. Lane	Ex Officio Councilor
Dr Thomas M. Connelly Jr	Ex Officio Councilor
Dr Tom J. Barton	Ex Officio Councilor
Dr Wayne E. Jones Jr	Ex Officio Councilor
Dr William F. Carroll Jr	Ex Officio Councilor
Mr Flint H. Lewis	Ex Officio Councilor
Ms Lisa Houston	Ex Officio Councilor

Dr Lissa Dulany	Bylaw Councilor
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Dr Amanda Bird	Councilor	Biological Chemistry (BIOL)	Division
Dr Lauren Jackson	Councilor	Agricultural & Food Chemistry (AGFD)	Division
Dr Michael H. Tunick	Councilor	Agricultural & Food Chemistry (AGFD)	Division
Dr Jeanette M. Van Emon	Councilor	Agrochemicals (AGRO)	Division
Mr Rodney M. Bennett	Councilor	Agrochemicals (AGRO)	Division
Dr Bryant C. Nelson	Councilor	Analytical Chemistry (ANYL)	Division
Dr Emily A. Smith	Councilor	Analytical Chemistry (ANYL)	Division
Dr Michelle V. Buchanan	Councilor	Analytical Chemistry (ANYL)	Division
Dr Susan J. Olesik	Councilor	Analytical Chemistry (ANYL)	Division
Dr Arindam Bose	Councilor	Biochemical Technology (BIOT)	Division
Dr Cynthia H. Collins	Councilor	Biochemical Technology (BIOT)	Division
Dr David J. Roush	Councilor	Biochemical Technology (BIOT)	Division
Dr James Neville	Councilor	Biochemical Technology (BIOT)	Division

Dr Amanda E Hargrove	Councilor	Biological Chemistry (BIOL)	Division
Dr Anne-Frances Miller	Alternate Councilor	Biological Chemistry (BIOL)	Division
Dr Martina Ralle	Alternate Councilor	Biological Chemistry (BIOL)	Division
Ms Janet L. Bryant	Councilor	Business Development & Management (BMGT)	Division
Dr Hien M. Nguyen	Councilor	Carbohydrate Chemistry (CARB)	Division
Dr Aditya (Ashi) Savara	Councilor	Catalysis Science & Technology (CATL)	Division
Dr Anne M. Gaffney	Councilor	Catalysis Science & Technology (CATL)	Division
Ms Liney Arnadottir	Councilor	Catalysis Science & Technology (CATL)	Division
Prof Michael S. Wong	Councilor	Catalysis Science & Technology (CATL)	Division
Dr Kevin J. Edgar	Councilor	Cellulose and Renewable Materials (CELL)	Division
Dr Sheila M. Murphy	Councilor	Cellulose and Renewable Materials (CELL)	Division
Prof Lucian A. Lucia	Councilor	Cellulose and Renewable Materials (CELL)	Division
Dr Daniel B. King	Councilor	Chemical Education (CHED), Inc.	Division
Ms Clarissa Sorensen-Unruh	Councilor	Chemical Education (CHED), Inc.	Division
Ms Roxie Allen	Councilor	Chemical Education (CHED), Inc.	Division
Ms Sally B. Mitchell	Councilor	Chemical Education (CHED), Inc.	Division
Dr Frankie K. Wood-Black	Councilor	Chemical Health & Safety (CHAS), Inc.	Division
Ms Debbie M. Decker	Councilor	Chemical Health & Safety (CHAS), Inc.	Division
Ms Andrea B. Twiss-Brooks	Councilor	Chemical Information (CINF)	Division
Ms Bonnie Lawlor	Councilor	Chemical Information (CINF)	Division
Dr Penny Beuning	Councilor	Chemical Toxicology (TOXI)	Division
Dr Sarah Shuck	Councilor	Chemical Toxicology (TOXI)	Division
Dr Alan M. Ehrlich	Councilor	Chemistry & The Law (CHAL)	Division
Dr James C. Carver	Councilor	Chemistry & The Law (CHAL)	Division
Dr Jennifer A. Hollingsworth	Councilor	Colloid & Surface Chemistry (COLL)	Division
Dr Maria M. Santore	Councilor	Colloid & Surface Chemistry (COLL)	Division
Dr Nicholas L. Abbott	Councilor	Colloid & Surface Chemistry (COLL)	Division
Dr Christine M. Aikens	Councilor	Computers in Chemistry (COMP)	Division
Dr Emilio X. Esposito	Councilor	Computers in Chemistry (COMP)	Division
Dr Elise B. Fox	Councilor	Energy & Fuels (ENFL)	Division
Dr Randall E. Winans	Councilor	Energy & Fuels (ENFL)	Division
Prof Semih Eser	Councilor	Energy & Fuels (ENFL)	Division
Dr George P. Cobb III	Councilor	Environmental Chemistry (ENVR)	Division
Dr Jurgen H. Exner	Councilor	Environmental Chemistry (ENVR)	Division
Dr V. Dean Adams	Councilor	Environmental Chemistry (ENVR)	Division
Prof Alan W. Elzerman	Councilor	Environmental Chemistry (ENVR)	Division
Prof David A. Dixon	Councilor	Fluorine Chemistry (FLUO)	Division
Dr Anastasia G. Ilgen	Councilor	Geochemistry (GEOC)	Division
Dr Roger A. Egolf	Councilor	History of Chemistry (HIST)	Division
Dr Mary Virginia Orna	Councilor	History of Chemistry (HIST)	Division
Dr Leigh R. Martin	Councilor	Industrial & Engineering Chemistry (I&EC)	Division
Ms Mary K. Engelman	Councilor	Industrial & Engineering Chemistry (I&EC)	Division
Dr Debbie C. Crans	Councilor	Inorganic Chemistry (INOR)	Division
Dr Jeffrey J. Rack	Councilor	Inorganic Chemistry (INOR)	Division
Dr Karen Goldberg	Councilor	Inorganic Chemistry (INOR)	Division
Dr Silvia Ronco	Councilor	Inorganic Chemistry (INOR)	Division
Dr Corey R. Hopkins	Alternate Councilor	Medicinal Chemistry (MEDI)	Division
Dr William J. Greenlee	Councilor	Medicinal Chemistry (MEDI)	Division
Prof Jane V. Aldrich	Councilor	Medicinal Chemistry (MEDI)	Division
Dr Paul D. Benny	Councilor	Nuclear Chemistry & Technology (NUCL)	Division
Dr Silvia S. Jurisson	Councilor	Nuclear Chemistry & Technology (NUCL)	Division
Prof Graham F. Peaslee	Councilor	Nuclear Chemistry & Technology (NUCL)	Division
Dr Huw M.L. Davies	Councilor	Organic Chemistry (ORGN)	Division
Dr Karl B. Hansen	Councilor	Organic Chemistry (ORGN)	Division
Dr Katherine N. Maloney	Councilor	Organic Chemistry (ORGN)	Division
Dr Paul R. Hanson	Councilor	Organic Chemistry (ORGN)	Division
Dr Judy E. Kim	Councilor	Physical Chemistry (PHYS)	Division

Dr Scott A. Reid	Councilor	Physical Chemistry (PHYS)	Division
Dr Theresa L. Windus	Councilor	Physical Chemistry (PHYS)	Division
Dr Thomas Holme	Councilor	Physical Chemistry (PHYS)	Division
Dr Gregory N. Tew	Councilor	Polymer Chemistry (POLY)	Division
Dr Kathryn Beers	Councilor	Polymer Chemistry (POLY)	Division
Dr Mary Ann Meador	Councilor	Polymer Chemistry (POLY)	Division
Dr Wei Gao	Alternate Councilor	Polymer Chemistry (POLY)	Division
Dr A. Jay Dias	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Dr Benny D. Freeman	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Dr Dean C. Webster	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Dr Julie L.P. Jessop	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Dr Matthew Grandbois	Councilor	Professional Relations (PROF)	Division
Mr John M. Long	Councilor	Rubber (RUBB) Division, ACS, Inc.	Division
Dr Joseph E. Sabol	Councilor	Small Chemical Businesses (SCHB)	Division
Dr Daryl L. Stein	Councilor	Akron	Local Section
Dr Michael W. Fricke	Councilor	Akron	Local Section
Dr Tracy P. Hamilton	Councilor	Alabama	Local Section
Dr Lisa A. Hoferkamp	Councilor	Alaska	Local Section
Prof Javier Vela	Councilor	Ames	Local Section
Prof Christian R. Goldsmith	Councilor	Auburn	Local Section
Mr Bryan K. Franklin	Councilor	Baton Rouge	Local Section
Dr Julien A. Panetier	Councilor	Binghamton	Local Section
Dr John P. O'Brien	Councilor	Brazosport	Local Section
Ms Alexandra Bruefach	Councilor	California	Local Section
Dr Alex M. Madonik	Councilor	California	Local Section
Dr Eileen M. Nottoli	Councilor	California	Local Section
Dr James M. Postma	Councilor	California	Local Section
Dr Mark D. Frishberg	Councilor	California	Local Section
Dr Patrick S. Lee	Councilor	California	Local Section
Dr Sheila Kanodia	Councilor	California	Local Section
Ms Jenelle Ball	Councilor	California	Local Section
Dr Justin A. Russak	Councilor	California Los Padres	Local Section
Dr Daniel Rabinovich	Councilor	Carolina-Piedmont	Local Section
Mr Matthew K. Chan	Councilor	Carolina-Piedmont	Local Section
Dr Kathryn Kitzmiller	Councilor	Central Arizona	Local Section
Dr Richard C. Bauer	Councilor	Central Arizona	Local Section
Dr Martin D. Perry Jr	Councilor	Central Arkansas	Local Section
Dr Meledath Govindan	Councilor	Central Massachusetts	Local Section
Dr Dominic S Peterson	Councilor	Central New Mexico	Local Section
Mr Donovan R. Porterfield	Councilor	Central New Mexico	Local Section
Dr Ivan V. Korendovych	Councilor	Central New York	Local Section
Dr Robert A. Yokley	Councilor	Central North Carolina	Local Section
Dr Gary D. Anderson	Councilor	Central Ohio Valley	Local Section
Dr Lori R. Stepan	Councilor	Central Pennsylvania	Local Section
Dr Barry J. Streusand	Councilor	Central Texas	Local Section
Dr Malcolm D. Prouty	Councilor	Central Texas	Local Section
Dr Jennifer B. Nielson	Councilor	Central Utah	Local Section
Dr Robin S. Tanke	Councilor	Central Wisconsin	Local Section
Dr Robert Coots	Councilor	Chattanooga	Local Section
Dr Allison Aldridge	Councilor	Chemical Society of Washington	Local Section
Dr Darryl Boyd	Councilor	Chemical Society of Washington	Local Section
Dr Jason E. Schaff	Alternate Councilor	Chemical Society of Washington	Local Section
Dr Kim M. Morehouse	Councilor	Chemical Society of Washington	Local Section

Dr Raychelle M. Burks	Councilor	Chemical Society of Washington	Local Section
Dr Sara V. Orski	Councilor	Chemical Society of Washington	Local Section
Dr Wesley Farrell	Councilor	Chemical Society of Washington	Local Section
Ms LaKeshia N. Perry	Councilor	Chemical Society of Washington	Local Section
Prof Nevart N. Tahmazian	Councilor	Chemical Society of Washington	Local Section
Dr Kenneth P. Fivizzani	Councilor	Chicago	Local Section
Dr Milt Levenberg	Councilor	Chicago	Local Section
Dr Paul F. Brandt	Councilor	Chicago	Local Section
Dr Russell W. Johnson	Councilor	Chicago	Local Section
Ms Fran K. Kravitz	Councilor	Chicago	Local Section
Ms Margaret Stowell Levenberg	Councilor	Chicago	Local Section
Ms Susan M. Shih	Councilor	Chicago	Local Section
Prof David S. Crumrine	Councilor	Chicago	Local Section
Dr Richard J. Mullins	Councilor	Cincinnati	Local Section
Ms Kathleen Gibboney	Councilor	Cincinnati	Local Section
Ms Susan A. Hershberger	Councilor	Cincinnati	Local Section
Dr Dwight W. Chasar	Alternate Councilor	Cleveland	Local Section
Dr Michael J. Kenney	Councilor	Cleveland	Local Section
Dr Will Lynch	Councilor	Coastal Georgia	Local Section
Dr Aimee M. Morey	Councilor	Colorado	Local Section
Dr Connie Gabel	Councilor	Colorado	Local Section
Prof Lawrence J. Berliner	Alternate Councilor	Colorado	Local Section
Dr Nicholas Earl Thornburg	Alternate Councilor	Colorado	Local Section
Prof Ryan M. Richards	Councilor	Colorado	Local Section
Prof Susan M. Schelble	Councilor	Colorado	Local Section
Dr Joan M. Esson	Councilor	Columbus	Local Section
Ms Kayla Quinn Kasper	Councilor	Columbus	Local Section
Dr Krishna M. Bobba	Alternate Councilor	Columbus	Local Section
Dr Frank J. Torre	Councilor	Connecticut Valley	Local Section
Dr Julianne M.D. Smist	Councilor	Connecticut Valley	Local Section
Dr Michael Knapp	Councilor	Connecticut Valley	Local Section
Prof Kevin R. Kittilstved	Councilor	Connecticut Valley	Local Section
Dr Roger F. Bartholomew	Councilor	Corning	Local Section
Dr E. Thomas Strom	Councilor	Dallas-Fort Worth	Local Section
Dr Jason L. McAfee	Councilor	Dallas-Fort Worth	Local Section
Dr Linda D. Schultz	Councilor	Dallas-Fort Worth	Local Section
Dr Mary Anderson	Councilor	Dallas-Fort Worth	Local Section
Dr Steven Trohalaki	Councilor	Dayton	Local Section
Dr Harry J. Elston	Councilor	Decatur-Springfield	Local Section
Dr John Gavenonis	Councilor	Delaware	Local Section
Dr Martha G. Hollomon	Councilor	Delaware	Local Section
Ms Margaret J. Schooler	Councilor	Delaware	Local Section
Dr Mark A. Benvenuto	Councilor	Detroit	Local Section
Mr James M. Landis	Councilor	Detroit	Local Section
Ms Mary Kay Heidtke	Councilor	Detroit	Local Section
Dr Amy Nicely	Councilor	East Central Illinois	Local Section
Mr Philip Verhalen	Alternate Councilor	East Texas	Local Section
Dr Alan A. Hazari	Councilor	East Tennessee	Local Section
Dr John Z. Larese	Councilor	East Tennessee	Local Section
Dr Mary K. Carroll	Councilor	Eastern New York	Local Section
Mr Warren D. Hull Jr	Councilor	Eastern New York	Local Section
Dr James F. Garvey	Councilor	Eastern North Carolina	Local Section
Dr Betty Jo Chitester	Councilor	Erie	Local Section
Dr Carmen V. Gauthier	Councilor	Florida	Local Section
Dr Leslie J. Murray	Councilor	Florida	Local Section
Dr C. David Sherrill	Councilor	Georgia	Local Section

Ms Cheryl D. Trusty	Alternate Councilor	Georgia	Local Section
Dr David S. Gottfried	Councilor	Georgia	Local Section
Dr Mark B. Mitchell	Councilor	Georgia	Local Section
Ms Holly L. Davis	Councilor	Georgia	Local Section
Dr Amber S. Hinkle	Councilor	Greater Houston	Local Section
Dr David Sam Germack	Councilor	Greater Houston	Local Section
Dr Lawrence W. Dennis	Councilor	Greater Houston	Local Section
Dr Valerie Lafitte	Councilor	Greater Houston	Local Section
Ms Carolyn A. Burnley	Councilor	Greater Houston	Local Section
Ms Mamie W. Moy	Councilor	Greater Houston	Local Section
Dr Willem R. Leenstra	Councilor	Green Mountain	Local Section
Dr Dmitry V. Liskin	Councilor	Hampton Roads	Local Section
Dr David P. Cunningham	Councilor	Hawaii	Local Section
Dr Ellene Tratras Contis	Councilor	Huron Valley	Local Section
Dr Lawrence H. Kolopajlo	Councilor	Huron Valley	Local Section
Dr Joshua Pak	Councilor	Idaho	Local Section
Dr Gregory Ferrence	Councilor	Illinois Heartland	Local Section
Mr Richard G. Rogers	Councilor	Illinois-Iowa	Local Section
Dr Beth Lorsbach	Councilor	Indiana	Local Section
Dr Robert A. Pribush	Councilor	Indiana	Local Section
Dr Robert E. Sammelson	Councilor	Indiana	Local Section
Mr Brian M. Mathes	Councilor	Indiana	Local Section
Dr Darlene D. Ingram	Councilor	Indiana-Kentucky Border	Local Section
Dr Jeffrey A. Rahn	Councilor	Inland Northwest	Local Section
Dr Michael Lufaso	Councilor	Jacksonville	Local Section
Prof William J. Peacy III	Councilor	Joliet	Local Section
Dr Lydia E.M. Hines	Councilor	Kalamazoo	Local Section
Dr Madan M. Bhasin	Councilor	Kanawha Valley	Local Section
Dr Sarah J. Leibowitz	Councilor	Kansas City	Local Section
Dr Tendai Gadzikwa	Councilor	Kansas State University	Local Section
Dr Robbie Montgomery	Councilor	Kentucky Lake	Local Section
Dr Ben Haenni	Councilor	LaCrosse-Winona	Local Section
Dr Jeanne R. Berk	Councilor	Lehigh Valley	Local Section
Dr Kelley C. Cافل	Councilor	Lehigh Valley	Local Section
Dr Brent A. Eldridge	Councilor	Lexington	Local Section
Dr Alvin F. Bopp	Councilor	Louisiana	Local Section
Mr James F. Tatera	Councilor	Louisville	Local Section
Dr Mitchell R.M. Bruce	Councilor	Maine	Local Section
Dr Dawood Afzal	Councilor	Mark Twain	Local Section
Dr Kelly M. Elkins	Councilor	Maryland	Local Section
Dr Stephanie Watson	Councilor	Maryland	Local Section
Mr Jan E. Kolakowski	Councilor	Maryland	Local Section
Ms Beatrice Salazar	Councilor	Maryland	Local Section
Dr Nathan J DeYonker	Councilor	Memphis	Local Section
Dr Susanne M. Lewis	Councilor	Michigan State University	Local Section
Ms Lynn M. Robinson	Councilor	Mid-Hudson	Local Section
Dr Wathsala S. Medawala	Temp Sub Councilor	Middle Georgia	Local Section
Dr Dale J. LeCaptain	Councilor	Midland	Local Section
Dr Katie Bichler	Councilor	Milwaukee	Local Section
Mr Scott A. Schlipp	Councilor	Milwaukee	Local Section
Dr James Wollack	Councilor	Minnesota	Local Section
Dr Lynn G. Hartshorn	Councilor	Minnesota	Local Section
Dr Marilyn Duerst	Councilor	Minnesota	Local Section
Dr Sarah M. Mullins	Councilor	Minnesota	Local Section
Dr William C Pomerantz	Councilor	Minnesota	Local Section
Dr Leslie Robinson	Councilor	Mississippi	Local Section

Dr W. Matthew Reichert	Councilor	Mobile	Local Section
Dr Peter Zarras	Councilor	Mojave Desert	Local Section
Dr John W. Hartman	Councilor	Montana	Local Section
Dr Judith M. Iriarte-Gross	Councilor	Nashville	Local Section
Mrs Ruth Ann Woodall	Councilor	Nashville	Local Section
Dr James M. Takacs	Councilor	Nebraska	Local Section
Dr Dennis J. Jakiela	Councilor	New Haven	Local Section
Dr Olivier Nicaise	Councilor	New Haven	Local Section
Dr Alison G. Hyslop	Councilor	New York	Local Section
Dr Brian R. Gibney	Councilor	New York	Local Section
Dr Hiroko I. Karan	Councilor	New York	Local Section
Dr Joseph M. Serafin	Alternate Councilor	New York	Local Section
Dr Justyna Widera-Kalinowska	Councilor	New York	Local Section
Dr Neil D. Jespersen	Councilor	New York	Local Section
Dr Pamela K. Kerrigan	Councilor	New York	Local Section
Dr Patricia A. Redden	Councilor	New York	Local Section
Mr Frank Romano	Councilor	New York	Local Section
Dr Bhaskar R. Venepalli	Councilor	North Carolina	Local Section
Dr Crispina Borges	Councilor	North Carolina	Local Section
Dr Dorian A. Canelas	Councilor	North Carolina	Local Section
Dr Laura S. Sremaniak	Councilor	North Carolina	Local Section
Dr Melissa A. Pasquinelli	Councilor	North Carolina	Local Section
Dr Alan B. Cooper	Councilor	North Jersey	Local Section
Dr Amanda K. Peterson Mann	Councilor	North Jersey	Local Section
Dr Cecilia E. Marzabadi	Councilor	North Jersey	Local Section
Dr Michael M. Miller	Councilor	North Jersey	Local Section
Dr Monica R. Sekharan	Councilor	North Jersey	Local Section
Dr Sandra K. Keyser	Councilor	North Jersey	Local Section
Ms Diane Krone	Councilor	North Jersey	Local Section
Ms Elizabeth M. Howson	Councilor	North Jersey	Local Section
Dr Yingchun Lu	Alternate Councilor	North Jersey	Local Section
Dr Maurice E. Snook	Councilor	Northeast Georgia	Local Section
Dr John Engelman II	Councilor	Northeast Tennessee	Local Section
Dr Martin D. Rudd	Councilor	Northeast Wisconsin	Local Section
Dr Andrew Scholte	Councilor	Northeastern	Local Section
Dr Anna W. Sromek	Councilor	Northeastern	Local Section
Dr Carol Mulrooney	Councilor	Northeastern	Local Section
Dr Catherine E. Costello	Councilor	Northeastern	Local Section
Dr Kenneth C. Mattes	Councilor	Northeastern	Local Section
Dr Lisa A. Marcaurelle	Councilor	Northeastern	Local Section
Dr Malika Jeffries-El	Councilor	Northeastern	Local Section
Dr Mary Jane Shultz	Councilor	Northeastern	Local Section
Dr Michael Singer	Councilor	Northeastern	Local Section
Dr Morton Z. Hoffman	Councilor	Northeastern	Local Section
Dr Patricia A. Mabrouk	Councilor	Northeastern	Local Section
Dr Ruth E. Tanner	Councilor	Northeastern	Local Section
Dr Sonja Strah-Pleynt	Councilor	Northeastern	Local Section
Dr Thomas R. Gilbert	Councilor	Northeastern	Local Section
Ms Caitlyn Mills	Councilor	Northeastern	Local Section
Ms Sofia A. Santos	Councilor	Northeastern	Local Section
Dr Sarah S. Preston	Councilor	Northeastern Ohio	Local Section
Dr Rajesh Sunasee	Councilor	Northern New York	Local Section
Dr Randall L. Heald	Councilor	Northern Oklahoma	Local Section
Dr Edwin L. Kugler	Alternate Councilor	Northern West Virginia	Local Section

Dr Amelia Anderson-Wile	Councilor	Northwest Central Ohio	Local Section
Mr Brian Salvatore	Councilor	Northwest Louisiana	Local Section
Dr Allen W. Apblett	Councilor	Oklahoma	Local Section
Dr Jason E. Ritchie	Councilor	Ole Miss	Local Section
Dr Richard Lomneth	Councilor	Omaha	Local Section
Dr Rabin D. Lai	Councilor	Orange County	Local Section
Mr Robert S. Cohen	Councilor	Orange County	Local Section
Ms Sanda P. Sun	Councilor	Orange County	Local Section
Dr Richard L. Nafshun	Councilor	Oregon	Local Section
Dr Darlene K. Slattery	Councilor	Orlando	Local Section
Dr Danny E. Hubbard	Councilor	Ouachita Valley	Local Section
Prof Eric Bosch	Councilor	Ozark	Local Section
Dr Nick O. Flynn	Councilor	Panhandle Plains	Local Section
Dr Doris L. Zimmerman	Councilor	Penn-Ohio Border	Local Section
Dr Donna M. Brestensky	Councilor	Penn-York	Local Section
Dr Allan M. Ford	Councilor	Pensacola	Local Section
Dr Kathryn Louie	Councilor	Permian Basin	Local Section
Dr Christine McInnis	Councilor	Philadelphia	Local Section
Dr Deborah H. Cook	Councilor	Philadelphia	Local Section
Dr Kathryn Lysko	Councilor	Philadelphia	Local Section
Dr Kathy Shaginaw	Councilor	Philadelphia	Local Section
Dr Melissa B. Cichowicz	Councilor	Philadelphia	Local Section
Dr Rick Ewing	Councilor	Philadelphia	Local Section
Ms Judith Currano	Councilor	Philadelphia	Local Section
Mrs Anne S. DeMasi	Councilor	Philadelphia	Local Section
Ms Ella L. Davis	Councilor	Philadelphia	Local Section
Ms Marge A. Matthews	Councilor	Philadelphia	Local Section
Dr Edward P. Zovinka	Councilor	Pittsburgh	Local Section
Dr Haitao Liu	Councilor	Pittsburgh	Local Section
Dr Kimberly A. Woznack	Councilor	Pittsburgh	Local Section
Dr Richard S. Danchik	Councilor	Pittsburgh	Local Section
Dr Angela Hoffman	Councilor	Portland	Local Section
Dr James C. Tung	Councilor	Portland	Local Section
Ms Louise M. Lawter	Councilor	Princeton	Local Section
Dr Angela M. Gonzalez	Councilor	Puerto Rico	Local Section
Dr Edmy Ferrer Torres	Councilor	Puerto Rico	Local Section
Dr Craig B. Fryhle	Councilor	Puget Sound	Local Section
Dr David L. Patrick	Councilor	Puget Sound	Local Section
Dr Despina Strong	Councilor	Puget Sound	Local Section
Dr Dharshi Bopegedera	Councilor	Puget Sound	Local Section
Dr Gary D. Christian	Councilor	Puget Sound	Local Section
Dr Graeme R.A. Wyllie	Councilor	Red River Valley	Local Section
Dr Peter Bonk	Councilor	Rhode Island	Local Section
Dr Anna G. Cavinato	Councilor	Richland	Local Section
Dr Michael D. Johnson	Councilor	Rio Grande Valley	Local Section
Dr Amber F. Charlebois	Councilor	Rochester	Local Section
Mr D. Richard Cobb	Councilor	Rochester	Local Section
Dr William J. Doria	Councilor	Rock River	Local Section
Dr John A. Whittle	Councilor	Sabine-Neches	Local Section
Dr John R. Berg	Councilor	Sacramento	Local Section
Dr Maria de la Paz Carpio-Obeso	Councilor	Sacramento	Local Section
Dr Peter J. Stang	Councilor	Salt Lake	Local Section
Dr Thomas G. Richmond	Councilor	Salt Lake	Local Section
Dr Adeola O. Coker	Alternate Councilor	San Antonio	Local Section
Dr David M. Wallace	Councilor	San Diego	Local Section
Dr Desiree Grubisha	Councilor	San Diego	Local Section

Dr Hui Cai	Councilor	San Diego	Local Section
Dr Jacqueline Trischman	Councilor	San Diego	Local Section
Dr Thomas R. Beattie	Councilor	San Diego	Local Section
Ms Valerie J. Kuck	Councilor	San Diego	Local Section
Ms Emily Viggers	Councilor	San Gorgonio	Local Section
Prof Eileen M. DiMauro	Councilor	San Gorgonio	Local Section
Dr Hubert Muchalski	Councilor	San Joaquin Valley	Local Section
Dr Christopher J. Bannochie	Councilor	Savannah River	Local Section
Prof Lawrence T. Scott	Councilor	Sierra Nevada	Local Section
Dr Jane E. Frommer	Councilor	Silicon Valley	Local Section
Dr Linda S. Brunauer	Councilor	Silicon Valley	Local Section
Dr Madalyn Radlauer	Councilor	Silicon Valley	Local Section
Dr Matthew J. Greaney	Councilor	Silicon Valley	Local Section
Dr Natalie L. McClure	Councilor	Silicon Valley	Local Section
Ms Grace Baysinger	Councilor	Silicon Valley	Local Section
Ms Sally B. Peters	Councilor	Silicon Valley	Local Section
Dr Jetty L. Duffy-Matzner	Councilor	Sioux Valley	Local Section
Dr Don L. Warner	Councilor	Snake River	Local Section
Dr Linda Shimizu	Councilor	South Carolina	Local Section
Dr Scott R. Goode	Councilor	South Carolina	Local Section
Dr Nathan D. Leigh	Councilor	South Central Missouri	Local Section
Dr George H. Fisher	Councilor	South Florida	Local Section
Dr Milagros Delgado	Councilor	South Florida	Local Section
Ms Zaida C. Morales Martinez	Councilor	South Florida	Local Section
Ms Jennifer L. McCulley	Councilor	South Jersey	Local Section
Dr Clemens Krempler	Councilor	South Plains	Local Section
Dr Ludivina Avila	Councilor	South Texas	Local Section
Dr Gregory P. Foy	Councilor	Southeastern Pennsylvania	Local Section
Dr Charles H. Weidner	Councilor	Southern Arizona	Local Section
Dr Alexandros B. Oxyzolou	Councilor	Southern California	Local Section
Dr Brian B. Brady	Councilor	Southern California	Local Section
Dr Eleanor D. Siebert	Councilor	Southern California	Local Section
Dr Gerald L. Delker	Alternate Councilor	Southern California	Local Section
Dr Susan E. Del Valle	Alternate Councilor	St. Joseph Valley	Local Section
Dr Robert de Groot	Councilor	Southern California	Local Section
Dr Veronica I. Jaramillo	Councilor	Southern California	Local Section
Dr Lichang Wang	Councilor	Southern Illinois	Local Section
Mr Kazumasa Lindley	Councilor	Southern Nevada	Local Section
Dr Linda de la Garza	Councilor	Southwest Georgia	Local Section
Dr Donna G. Friedman	Councilor	St. Louis	Local Section
Dr Eric A. Bruton	Councilor	St. Louis	Local Section
Dr Lisa M. Balbes	Councilor	St. Louis	Local Section
Dr Donald E. Mencer	Councilor	Susquehanna Valley	Local Section
Dr Kimberly B. Fields	Councilor	Tampa Bay	Local Section
Dr Marie Bourgeois	Councilor	Tampa Bay	Local Section
Dr David E. Bergbreiter	Councilor	Texas A&M	Local Section
Mr Frank J. Butwin	Councilor	Toledo	Local Section
Dr Benny C. Chan	Councilor	Trenton	Local Section
Dr Robert H. Coridan	Councilor	University of Arkansas	Local Section
Dr Justin R. Walensky	Councilor	University of Missouri	Local Section
Mr Glenn M. Larkin	Councilor	Upper Peninsula	Local Section
Dr Janet A. Asper	Councilor	Virginia	Local Section
Dr Kristine S. Smetana	Councilor	Virginia	Local Section
Dr Linette M. Watkins	Councilor	Virginia	Local Section
Dr Gary Hollis	Councilor	Virginia Blue Ridge	Local Section
Dr Teresa Tarbuck	Councilor	Wabash Valley	Local Section

Dr Malgorzata A. Witek	Councilor	Wakarusa Valley	Local Section
Dr Kristopher Waynant	Councilor	Washington-Idaho Border	Local Section
Dr George L. Heard	Councilor	Western Carolinas	Local Section
Dr Timothy W. Hanks	Councilor	Western Carolinas	Local Section
Dr L. Kraig Steffen	Councilor	Western Connecticut	Local Section
Dr James D. Stickler	Councilor	Western Maryland	Local Section
Mr Mark Thomson	Councilor	Western Michigan	Local Section
Dr David P. Nalewajek	Councilor	Western New York	Local Section
Dr Peter M. Schaber	Councilor	Western New York	Local Section
Dr D. Paul Rillema	Councilor	Wichita	Local Section
Dr Keith R. Vitense	Councilor	Wichita Falls-Duncan	Local Section
Dr Amanda Hofacker Coffman	Councilor	Wilson Dam	Local Section
Dr Allen D. Clauss	Councilor	Wisconsin	Local Section
Dr Scott A. Wildman	Councilor	Wisconsin	Local Section
Dr Elizabeth Groeber	Temp Sub Councilor	Wooster	Local Section
Dr Brian M. Leonard	Councilor	Wyoming	Local Section

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ELECTION TO
COUNCIL POLICY COMMITTEE

Action Requested: The Committee on Nominations and Elections has selected the following slate of candidates for membership on the Council Policy Committee:

- | | |
|----------------------|----------------------|
| 1. Mark A. Benvenuto | 5. Donna G. Friedman |
| 2. Arindam Bose | 6. Matthew Grandbois |
| 3. James C. Carver | 7. Fran K. Kravitz |
| 4. Gregory Ferrence | 8. Louise M. Lawter |

The Council must elect four individuals: The four candidates receiving the highest numbers of votes will be declared elected for the 2022-2024 term. All the candidates have indicated their willingness to serve if elected. Biographies of the candidates are presented in summary form at the end of this item.

Supplementary Information:

**Description of Duties and Desired Characteristics for Members of the
Council Policy Committee (CPC)**

The Council Policy Committee (CPC) serves as the Executive Committee of the Council. The committee and three Subcommittees are responsible for several specific items including:

- creating the slate of candidates for N&E;
- ensuring activities at Council, including items for action, are conducted in line with our Constitution & Bylaws, and preparing the Council President for potential challenges;
- conduct long-range planning for Council, aligned with the ACS strategic plan and its implementation; and
- recommending to Council positions on amendments to the Constitution & Bylaws.

To succeed in these activities, members are expected to understand the role of the Council in serving ACS, the responsibilities of a Councilor and the governance structure. They should also have a broad network across ACS.

CPC meets Tuesday mornings at national meetings (approximately 8 a.m. - 12 p.m.); the CPC subcommittees meet on Monday morning. Members of a subcommittee may be asked to participate in the New Councilor Orientation (currently held on Saturday afternoon at the Spring meeting). Subcommittees and Task Force Groups have meetings via conference calls between national meetings.

Members of CPC must be voting Councilors.

Those members of the Council Policy Committee whose terms end on December 31, 2021, are as follows:

Ella L. Davis, Philadelphia Section
Lissa Dulany, Bylaw Councilor
Mark D. Frishberg, California Section
Martin D. Rudd, Northeast Wisconsin Section

Ella L. Davis, Lissa Dulany, Mark D. Frishberg, and Martin D. Rudd are ineligible for reelection.

The present members of the Council Policy Committee who continue on that body are:

2020 - 2022
Anne M. Gaffney, Catalysis Science & Technology (Idaho)
Lydia E.M. Hines, Kalamazoo Section
Will E. Lynch, Coastal Georgia Section
Sally B. Peters, Silicon Valley Section

2021-2023

Elizabeth M. Howson, North Jersey Section
Zaida C. Morlaes-Martinez, South Florida Section
Margaret Schooler, Delaware Section
Jeannette M. Van Emon, Agrochemicals (Southern Nevada Section)

BENVENUTO, MARK A. *Detroit Section.* University of Detroit-Mercy, Detroit, Michigan.

Academic Record: Virginia Military Institute, B.S., 1983; University of Virginia, Ph.D., 1992.

Honors: ACS Fellow, 2015; Salute to Excellence, Detroit Section, ACS 2012; Distinguished Service Award, Detroit Section, ACS, 2004; University of Detroit Mercy, Science Teacher of the Year Award, 2013, 2005, 2004, 2001, 1999, 1998, 1995; Michigan Science Teachers Association, College Science Teacher of the Year Award, 2003; U.S. Army Commendation Medal, 1987; U.S. Army Overseas Ribbon 1987; U.S. Army Parachutist Award 1984.

Professional Positions (for past ten years): University of Detroit Mercy, 1994 to date, Professor, 2009 to date, Department Chairperson 2001-2019.

Service in ACS National Offices: Committee on Environmental Improvement, Associate, 2020-21; Committee on Nomenclature, Terminology and Symbols, Member, 2004-18, Associate, 2002-03; Committee on Meetings and Expos, Associates, 2015; Committee on Constitution and Bylaws, Member, 2009-14, Associate, 2008; Committee on Education, Task Force on Undergraduate Programming, 2004-06.

Service in ACS Offices: *Detroit Section:* Councilor, 2001-23; Chair, 2006-07; Chair-Elect, 2005-06. *Central Regional Meeting:* Chair, 2016-17 and 2013-14; Meeting General Chair, 2017, 2012. *Chicago National Meeting:* Undergraduate Programming Chair, 2007. *Environmental Division:* Archivist, 2016 to date, Member-at-Large 2017 to date.

Member (current): Member ACS since 1988. National Education Association; National Science Teachers Association; Michigan Science Teachers Association; Michigan College Chemistry Teachers Association; Royal Society of Chemistry. *ACS Division(s):* Catalysis Science and Technology; Chemical Education; Chemical Toxicology; Energy and Fuels; Environmental; History; and Inorganic.

Related Activities: ENVR Division symposium organizer, multiple times; Editor or co-editor, ACS Symposium Series, fifteen volumes; Council for Chemical Research Board of Governors, 2007-09; Michigan College Chemistry Teachers Association, Treasurer, 2002 to date; Boy Scouts of America, Chemistry Merit Badge Counselor, 1994 to 2015.

BOSE, ARINDAM. Connecticut Valley Section. Independent Biotechnology Consultant, Pawcatuck, Connecticut.

Academic Record: Indian Institute of Technology-Kanpur, B.S., 1975; University of Michigan, M.S., 1976; Purdue University, Ph.D., 1980.

Honors: ACS Fellow, 2009; Elected to U.S. National Academy of Engineering, 2017; Elected to Connecticut Academy of Science & Engineering, 2018; James Van Lanen Award, Division of Biochemical Technology, ACS, 1992; American Institute for Medical and Biological Engineering Fellow, 2015; American Institute of Chemical Engineers Fellow, 2013; Distinguished Engineer Award, Purdue University, 2018; Outstanding Chemical Engineer Award, Purdue University, 2005; Pfizer Research & Development Achievement Awards, USA and UK, 2000; Pfizer Central Research USA Individual Achievement Award, 1992; Phi Lambda Upsilon; Sigma Xi; Tau Beta Pi.

Professional Positions (past ten years): Akero Therapeutics, Vice President, Process Development, 2019-date; Dyadic International Inc., Board of Directors, 2016-date; Signet Healthcare Partners, Advisor, 2018-date; Pfizer Worldwide Research and Development, Vice President, Bio Therapeutics External Affairs and Biosimilar Strategy, 2010-16.

Service in ACS National Offices: Board Standing Committee on Audits, Member, 2019-21; Committee on Economic and Professional Affairs, Associate, 2020-21; Committee on Meetings and Expositions, Member, 2014-19, 1996-2001, Associate, 2013, 1995; Committee on Budget & Finance, Member, 2004-12; Committee on Divisional Activities, Member, 2003-04; Advisory Board, ACS Lab Guide, 1995-99; Advisory Board, ACS Books, 1992-95; Advisory Board, ACS Biotech Buyers' Guide, 1989-94.

Service in ACS Offices: *Division of Biochemical Technology:* Councilor, 1995-2021, Secretary-Treasurer, 1986-94; Peterson Award Committee, Chair, 1983-85.

Member (current): Member ACS since 1978. American Institute of Chemical Engineers; Society for Biological Engineering; American Institute of Medical and Biological Engineering; US National Academy of Engineering; Sigma Xi. *ACS Division(s):* Biochemical Technology.

Related Activities: Society for Biological Engineering, Advisory Board, 2004 to date; International Federation of Pharmaceutical Manufacturers and Associations (IFPMA), Biologics & Vaccines Committees, 2007-15; Recovery of Biological Products Conference Series, Governing Board, 1998-2015; Purdue University, Industrial Advisory Board, Department of Chemical Engineering, 2005-15; Pharmaceutical Research and Manufacturers of America (PhRMA), Biologics and Biotechnology Leadership Committee, Secretary, 2004-05, Vice-Chair, 2006-07, Chair, 2008-09; Cell Culture Engineering Conference Series, Advisory Board, 2001-03; 9th International Biotechnology Symposium, Secretary-Treasurer, 1992; Co-Editor of "*Harnessing Biotechnology for the 21st Century*," ACS Conference Proceedings Series, 1992.

CARVER, JAMES C. *Baton Rouge Section.* The Carver Law Firm, LLC, Baton Rouge, Louisiana.

Academic Record: Centenary College, B.S., 1967; University of Tennessee, Knoxville, Ph.D., 1972; Louisiana State University and A&M College, J.D., 1989.

Honors: ACS Fellow, 2014; Howard and Sally Peters Award, 2017; Salute to Excellent Award from Chemistry and Law, 2014; Coach of the Year-Susan C. Kalinka Memorial Award for Advocacy Programs at LSU Law Center, 2012; Roger D. Middlekauff Award, 2008; Fellow, Louisiana Bar Foundation, 2002; Paul Harris Fellow, Rotary Foundation, 2016.

Professional Positions (for past ten years): The Carver Law Firm, 2011 to date.

Service in ACS National Offices: Committee on Constitution and Bylaws, Consultant, 2018-21, Member, 2014-17, 2007-12, Chair, 2015-17, Associate, 2006; Committee on Budget and Finance, Associate, 2020-2021; Committee on Membership Affairs, Member, 2018-2019; Task Force on Governance Design, 2016-17, Subcommittee Chair-Governance Documents; Council Policy Committee, Member (Nonvoting), 2015-17; Committee on Divisional Activities, Associate, 2013.

Service in ACS Offices: *Chemistry & The Law Division:* Councilor, 2005-21, Alternate Councilor, 2001-04, Chair, 1995, Chair-Elect, 1994.

Member (current): Member of ACS since 1971. Board of Visitors for the Department of Chemistry of the University of Tennessee; Board of Trustees for the LSU Law Center; Louisiana State Bar Association; Texas Bar Association; Baton Rouge Bar Association; Dean Henry George McMahon American Inns of Court; Member and Past-Chair of Advisory Board of the Baton Rouge Salvation Army. *ACS Division(s):* Chemistry & The Law; and Environmental Chemistry.

Related Activities: Registered Patent Attorney, 2008 to date; Oats & Hudson Law Firm, Partner, 2009-11; Taylor Porter Law Firm, Partner, 1994-2009; Arbitrator for the Better Business Bureau, 1995-2019; Exxon Research & Development Laboratories, Staff Chemist, 1978-86; Texas A&M University, Assistant Professor, 1975-78; The University of Georgia, Instructor, 1976-78. Approximately 25 peer-review publications in chemistry. Filed over 50 patent applications.

FERRENCE, GREGORY *Illinois Heartland Section.* Illinois State University, Normal, Illinois.

Academic Record: Indiana University of Pennsylvania, B.S. 1991; Purdue University, Ph.D. 1996; University of Alberta 1997-99; Los Alamos National Laboratory, Postdoctoral Fellow, 1998-99.

Honors: ACS Fellow, 2016; Chemist of the Year, ACS Illinois Heartland Local Section Outstanding Service Award, 2017; ACS Illinois Heartland Section, 2009; Fellow, Royal Society of Chemistry, 2014; Outstanding College Service Award, College of Arts and Sciences Illinois State University, 2014; John A. Dossey Award for Outstanding Teaching by a Tenured Faculty Member, Illinois State University, 2010; CASE and the Carnegie Foundation, Illinois Professor of the Year, 2009; Outstanding University Teacher, Illinois State University, 2008; College of Arts and Sciences Outstanding College Teacher, Illinois State University, 2008; Discovery Corp Senior Fellowship, National Science Foundation, 2007; Visiting Fellow, Homerton College, University of Cambridge, 2007; CAREER Award, National Science Foundation, 2004.

Professional Positions (for past ten years): Illinois State University, Professor, 2008 to date; Associate Professor, 2004-08; Assistant Professor, 1999-2004.

Service in ACS National Offices: Committee on Economic and Professional Affairs, Member, 2017-22, Subcommittee Chair, 2018-21, Committee Associate, 2016; Committee on Ethics: Member, 2011-14, Chair, 2012-14, Associate, 2006-10. *Professional Relations Division:* Subcommittee Chair, 2019, 2015-17.

Service in ACS Offices: Illinois Heartland Section: Councilor, 2012-23, Chair, 2011, Chair-Elect, 2010.

Member (current): Member ACS since 1992. American Association of Chemistry Teachers; American Crystallographic Association; Council on Undergraduate Research; International Union of Crystallography; National Science Teachers Association; Royal Society of Chemistry; Society for College Science Teachers; Sigma Xi. *ACS Division(s):* Chemical Information; Inorganic Chemistry; and Professional Relations.

Related Activities: Trinity Lutheran School, ACS/ American Association of Chemistry Teachers Science Coach, 2019-20; Council on Undergraduate Research, Chemistry Councilor, 2014-20; Illinois State University Academic Senate, Senator, 2017-20; Illinois State University Council on General Education, Member, 2021-22.

FRIEDMAN, Donna G. St. Louis Section. Retired, St. Louis Community College at Florissant Valley, St. Louis, Missouri.

Academic Record: State University College of New York at Buffalo, B.A., 1973; University of Missouri – St. Louis, Ph.D., 1979.

Honors: Missouri Community College Association Senior Service Award, 2017; ACS Fellow, 2012; Distinguished Service Award, ACS Committee on Technician Affairs, 2010; Distinguished Service Award, St. Louis Section, ACS, 2003; Ohio State University Postdoctoral Fellow, 1979.

Professional Positions (for past ten years): Retired, 2021; St. Louis Community College at Florissant Valley, Professor and Chemistry/Science Department Chair, 1988-2021; Associate Professor, 1985-87; Assistant Professor, 1981-84, Adjunct Professor, 1980 ; Lecturer, Washington University in St. Louis, 2008-10; Adjunct Professor, Fontbonne University, 2006-07, Adjunct Professor, University of Missouri-St. Louis, 1980-2000; Research Associate, Monsanto Co., 1993, 1984, 1983.

Service in ACS National Offices: Committee on Constitution and Bylaws, 2019-22, 2009-14, 1995-2000, Chair, 2020-21, 2014, Associate, 2008, 1994; Council Policy Committee, (Nonvoting), 2014, 2020 to date; Committee on Committees, Member 2016-18, Secretary, 2018; Committee on Budget and Finance, Member, 2015; SOCED Task Force to revise the ACS Guidelines for Chemistry in Two Year College Programs, 2013-15; Career Consultant, 2006-11; Committee on Membership Affairs, 2003-08, Associate, 2001-02; Committee on Technician Affairs, 2006-07, 1992-94, Associate, 1991.

Service in ACS Offices: *St. Louis Section:* Councilor, 1994-2023; Audit Committee Chair, 1996 to date; Chemical Bond Business Manager, 1999 to date, 1983-85; Bylaws Committee Chair, 2009-11, 1993-94; Parliamentarian, 2002-05; Undergraduate Research Symposium Chair, 2011, 2005; Investment Trustee, 1999-2004; Science Fair Subcommittee Chair, 1995, 1992; Director, 1993; Chair-Elect, 1991; National Chemistry Week Coordinator, 1994, 1991; College Awards Subcommittee Chair, 1989-90; Awards Committee Chair, 1988; Treasurer, 1986-87. *Chemical Technicians Division:* Treasurer, 2007-09; Chemical Technology Approval Service, 2008-09; Bylaws Committee Chair and Parliamentarian, 2003-06; Education Committee Chair, 1994-96. *District V Councilor Caucus:* Secretary 1997-2002.

Member: Member ACS since 1975. *ACS Divisions:* Chemical Education; Chemistry & the Law; and Chemical Health and Safety.

Related Activities: Faculty Advisor for the ACS Student Chapter at St. Louis Community College at Florissant Valley, 2009-14; published two instructor's resource manuals, one solutions manual, one study guide, seven journal articles; holds one patent.

GRANDBOIS, MATTHEW. *Central Massachusetts Section.* DuPont, Marlborough, Massachusetts.

Academic Record: Augustana College, B.A. 2004; University of Minnesota, Ph.D., 2010; Harvard Business School Program for Leadership Development (PLD), 2019.

Honors: Dow Chemical CEO International Exchange, 2015; ACS Younger Chemist Committee Leadership Development Award, 2014; Covenant Award for Liberal Arts (Augustana College), 2002; Outstanding Chemistry Teaching Assistant (Augustana College), 2004; Outstanding Teaching Assistant (University of Minnesota IT Student Board), 2008; United States Fulbright Scholar to Norway, 2008; Transition in Action Award Nominee for Innovation (The Dow Chemical Company), 2012.

Professional Positions (for the past ten years): DuPont, Strategic Partnership Manager, 2020 to date; Lead Market Manager, 2019-20; The Dow Chemical Company: Strategic Market Manager, 2016-19; Corporate Account Market Manager, 2015-16; Associate Research Scientist, 2012-15; Senior Chemist, 2010-12.

Service in ACS National Office: Committee on Professional Training, Associate, 2020-21; Committee on Council Policy Working Group on Future Council Representation, 2018-21; Professional and Leadership Development Portfolio Board of Directors Working Group, 2020-21, Co-Chair of Managing Self Working Group, 2020-21; Diversity & Inclusion Advisory Board, 2019; Committee on Younger Chemists, Member, 2017-19, Chair, 2019, Secretary, 2018, Associate, 2015-16; Society of Chemical Education Undergraduate Task Force, Undergraduate Liaison, 2002.

Service in ACS Office: *Central Massachusetts Section:* Chair-Elect, 2021; Member-At-Large 2019-20. *Midland Section:* Chair-Elect, 2015, Secretary, 2014. *Professional Relations Division:* Councilor, 2021-23, Member-At-Large, 2018-20; Communications Task Force Chair, 2020, Younger Chemists Sub-Division Chair, 2016-18. *Business Development & Management Division:* Chair, 2021; Chair-Elect, 2020; Communications Chair, 2019.

Member (current): Member ACS since 2012. Institute of Electrical and Electronics Engineers; American Association for the Advancement of Science. *ACS Division(s):* Business Development and Management; Industrial and Engineering Chemistry; and Professional Relations.

Related Activities: Featured speaker on seven ACS Webinars from 2017-21 focusing on topics of professional development, moderator for 2 additional ACS webinars on similar topics. Primary organizer and presider of dozens of oral symposia and networking events for National, Regional, and Local Section ACS meetings. Six Sigma Black Belt. License Certified Professional on Portfolio Management. Holds 14 granted patents and named author on 10 peer-reviewed publications.

KRAVITZ, FRAN K. *Chicago Section.* The STEM Wizards, Winfield, Illinois.

Academic Record: Northern Illinois University, B.S., 1976; Roosevelt University, M.S., 1988.

Honors: ACS, Chicago Section Outreach Volunteer of the Year, 2015; ACS, Chicago Section, Distinguished Service Award, 1997; Boy Scouts of America District Award of Merit, 2007; Chicago Association of Technological Society Merit Award, 1993; Sigma Xi.

Professional Positions (for past ten years): The STEM Wizards, Education, CEO, 2015 to date; Kravitz/Edelman School, Educational Consultant, 1999 to 2015.

Service in ACS National Offices: Committee on Ethics, Member, 2012-23; Committee on Local Section Activities, Member, 2011-12, Associate, 2015, 2010; Committee on Economic and Professional Affairs, Member, 2002-07, 1994-96, Associate, 2001; Committee on Membership Affairs, Associate, 1992; Committee on Project SEED, Associate, 2008-09; Committee on Professional Relations, Associate, 1993.

Service in ACS Offices: *Chicago Section:* Councilor, 2021-23, 2014-20, 1992-12; Alternate Councilor, 1989-91; Chair, 2017, 1990-91; Chair-Elect, 2016, 1989-90; Secretary, 1987-89; Director, 2019-2020, 2011-14, 2005-09, 1994-2003, 1986-87; Budget Director, 2002-18; Primary Education Chair, 1991-2020; K-12 Education Co-Chair 2021; Illinois Sections of the ACS State Fair Project Co-Chair, 2014-21; 2004-12; Office Affairs Chair, 2002-04; Host Committee National ACS Meeting Co-Chair, 2000-01; National Chemistry Week, 1999-2017; Endowment Chair, 1997-2000; Employment Chair, 2017-18, 1993-94; Newsletter Editor, 2014, 1991-2000; Distinguished Service Award Committee, 2014, 1991-2003, Chair, 2001-03; National Affairs Chair, 2018, 1991-92; Program Chair, 1988-89; Gibbs Arrangement Committee, 1993-94, 1987-88, Chair, 1993-94; Special Events Chair, 1987; Nominating Committee, 2017-18, 2005-06, 2003, 2001, 1994, 1987-88; Continuing Education, 1985-94, Chair, 1985-87; Membership Affairs Committee, 1983-84; Minuteman, 1983-94; Hospitality Committee, 2002-04, 1983-86, Chair 2002-04; Younger Chemists Topical Group, 1983-88; Tellers, 2001-12, 1985-88, 1981, Chair 2002, 1985; *Great Lakes Regional Meeting:* Fundraising Chair, 2007-09; *District V Caucus:* Secretary, 1997-98; *Professional Relations Division:* Chair, 2005; Chair-Elect, 2004.

Member (current): Member ACS since 1981. American Association for the Advancement of Science; American Association University Women; International Union of Pure Applied Chemists; Chicago Chemists Club; Federation of Societies for Coatings Technology; National Science Teachers Association. *ACS Division(s):* Chemical Education; Organic Chemistry; Polymer Chemistry; Polymeric Materials Science & Engineering; and Professional Relations.

Related Activities: ACS Career Workshop Presenter, 2009 to date; ACS Career Consultant, 1995 to date; Ada S. McKinley, Board of Directors, 2006-18; Chanonee District of Three Fires Council Boy Scouts of America, 2000 to date; Roosevelt University Alumni Board, 2018-21, 2001-08; Christopher Columbus Awards, Semi-Finalist Judge, 1998-2014; DuPage County Girl Scouts Science Coordinator, 1993-96; Chicago Chemists Club, President, 1997-98, 1990-01; holds five patents in polymer chemistry; Boy Scout of America Chemistry Merit Badge Program Coordinator, 2006-21; Marie S. Curie Girl Scout Chemistry Patch Program Coordinator, 2011-21; Wheaton-Glen Ellyn American Association of University Women STEM Chair 2013-21; American Association of University Women Jane Adams Tech Savy Committee 2013-20; holds two U.S. Patents in Polymeric Thickeners.

LAWTER, LOUISE M. *Princeton Section.* Retired, Degussa Flavors & Fruit Systems, Philadelphia, Pennsylvania.

Academic Record: University of Massachusetts Dartmouth, B.S., 1971; Boston College, Graduate Studies, 1971-74.

Honors: ACS Fellows 2018; Princeton Section "Salutes to Excellence" Award, 2017; Hercules Achievement Awards, 1989 and 1991; Hercules Fragrance & Food Ingredients Group "Class of '89" Award, 1989.

Professional Positions (for past ten years): Retired, Degussa Flavors & Fruit Systems (now part of Cargill), Technical Director Americas, 1998–2002, Technical Director, 1992–98.

Service in ACS National Offices: Committee on Local Section Activities, Member, 2015 to date, Operations and Support Subcommittee, Chair, 2019, 2021; Committee of Economic and Professional Affairs, Member, 2008-14, Public Policy Subcommittee, Chair, 2010-13, Chair, 2014; ACS Leadership Advisory Board, Consultant, 2017-18.

Service in ACS Offices: *Mid-Atlantic Region:* Executive Board; Princeton Section representative, 2008 to date; *Mid-Atlantic Regional Meeting:* Chemagination Co-Chair, 2007, 2010 to date; *Princeton Section:* Councilor 2008–19, 2021, Chair, 2005, Chair-Elect, 2004, Past-Chair, 2006; Chemagination Co-Chair, 2004-06, *ALI "QUOTES"* newsletter, Editor, 2006 to date; Hubert Alyea Awards Chair, 2011 to date; National Chemistry Week Activities Night Co-Chair, 2012 to date; National Chemistry Week Illustrated Poem Contest, Chair, 2013 to date, Trenton & Princeton Sections' Outstanding High School Chemistry Teacher Awards, Chair, 2007 to date; *Trenton Section: Alembic* newsletter, Editor, August 2003-04, Mid Atlantic Regional Meeting Poster Session Organizer, 2003.

Member (current): Member ACS since 1983.

Related Activities: ACS Leadership Institute Local Section Activities Committee Local Section Track, Presenter, 2017 to date, Leadership Development System, Facilitator, 2018 to date; Hercules, Inc., Fragrance & Food Ingredients Group (sold to Ashland and dissolved in 2008), 1983 - 92, Director of Technology 1991 - 92, Manager of Research & Development (1989 - 1991), Project Leader and Manager, Research and Development, 1987 - 89. Four US Patents.

ELECTION TO
COMMITTEE ON COMMITTEES

Action Requested. The Committee on Nominations and Elections has selected the following slate of candidates for membership on the Committee on Committees:

- | | |
|-----------------------|---------------------------|
| 1. Rodney M. Bennett | 6. Susan J. Olesik |
| 2. Mary K. Engelman | 7. Donivan R. Porterfield |
| 3. George L. Heard | 8. Daniel Rabinovich |
| 4. Malika Jeffries-El | 9. Susan M. Schelble |
| 5. Brian M. Mathes | 10. Joseph P. Stoner |

The Council must elect five individuals. The five candidates receiving the highest numbers of votes will be declared elected for the 2022-2024 term. All the candidates have indicated their willingness to serve if elected. Biographies of the candidates are summarized at the end of the item.

Supplementary Information:

**Description of Duties and Desired Characteristics for Members of the
Committee on Committees (ConC)**

The Committee on Committees (ConC) has key responsibilities to assist and advise on appointments of chairs and members of Council-related bodies, along with evaluating and making recommendations concerning responsibilities and size of committees.

To succeed in these activities, ConC elected members should have a combination of qualities, including extensive familiarity with ACS committees and a broad network within the Society and the chemical profession. Members of ConC must be a Councilor.

Candidates are expected to have available time and energy during and between National meetings to serve as a Liaison to two committees (for observation, talent recruitment, succession planning, leadership development and coaching) along with ConC closed sessions.

The candidate's personal qualities should include strong written and oral communication skills, respect for confidentiality, and diplomacy.

At the *spring national meeting (in-person)*, ConC meets on Monday and Tuesday from 1:30 p.m. until 5:00 p.m. During the *fall national meeting*, ConC has three sessions: Monday, from 1:30 noon until 6:00 p.m.; Tuesday, from 1:30 p.m. until 5:00 p.m.; and on Wednesday, (immediately following Council) 1:00 p.m. until 6:30 p.m. A reception and dinner takes place at a restaurant from 7:00 p.m. until 9:30 p.m.

Members of ConC must be voting Councilors.

Those members of the Committee of Committees whose terms end on December 31, 2021 are:

Rodney M. Bennett, Agrochemicals (North Carolina Section)
Susan V. Olesik, Analytical Chemistry (Columbus Section)
Donivan R. Porterfield, Central New Mexico Section
Susan M. Schelble, Colorado Section

All are eligible for reelection.

The present members of the Committee on Committees who will continue on that body are:

2020-2022

Lisa M. Balbes, St. Louis Section
D. Richard Cobb, Rochester Section
Emilio X. Esposito, Computers in Chemistry (Michigan State University Section)
Jason E. Ritchie, Ole Miss Section
Stephanie J. Watson, Maryland Section

2021-2023

Martha G. Holloman, Delaware Section
Diane Krone, North Jersey Section
Sarah M. Mullins, Minnesota Section
Andrea B. Twiss-Brooks, Chemical Information (Chicago Section)
Javier Vela, Ames Section

BENNETT, RODNEY M. *Central North Carolina Section.* Winding Trails, LLC, Winston-Salem, North Carolina.

Academic Record: Wake Forest University, B.S., 1979.

Honors: ACS Fellow 2015; Agrochemical Division, ACS, Fellow, 2005; Royal Australian Institute of Chemists, Fellow, 2006; American Institute of Chemists, Fellow, 1989; National Certification Commission in Chemistry, Certified Professional Chemist, 1985.

Professional Positions (for past ten years): Winding Trails, LLC, Principal and Owner, 2017 to date; Bennett, Analytical Chemist, 2016 to date; Critical Path Services, Vice-President, 2015, Business Development, 2016-17; Jai Research Foundation America, Vice President Operations, 2007-15; Cerexagri Inc., Group Leader, 1999-2007.

Service in ACS National Offices: Committee on Committees, Member, 2019-21; Committee on Divisional Activities, Member, 2013-18, Chair, 2016-18; Committee on Strategic Planning, 2016-18; Council Policy Committee, (Nonvoting), 2016-18; Strategic Planning Committee, 2016-18; ACS Safety Special Planning Session, 2017; *Journal of Agriculture and Food Chemistry*, Advisory Board, 2003 to date.

Service in ACS Offices: *Agrochemicals Division:* Councilor, 2012-23; Alternate Councilor, 2009-11, 1997-2001; Chair, 2004; Chair-Elect, 2003; Vice-Chair, 2002. *Central North Carolina Section:* Chair, 2020, 1999; Chair-Elect, 2019, 1998; Secretary, 1997; Treasurer, 1996; *Triad Chemical Times*, Editor, 1997; Academic-Industrial-Matrix, Chair, 1995-98; *Chemical Society of Washington:* Secretary, 1994; Board Member, 1992-94; “*The Capital Chemist*”, Editorial Board, 1992-94.

Member (current): Member ACS since 1979. American Association for the Advancement of Science; Association of Official Analytical Chemists; American Institute of Chemists; National Association of Independent Crop Consultants; American Society for Testing and Materials (ASTM); Society of Environmental Toxicology and Chemistry; Weed Science Society of America; North American Chemical Residue Workshop Group. *ACS Division(s):* Agricultural & Food Chemistry; Agrochemicals; Analytical Chemistry; Business Development & Management; Environmental Chemistry; Professional Relations; Small Chemical Businesses.

Related Activities: Divisional Officers Caucus, 2001-10.

ENGELMAN, MARY K. (Moore) *Northeast Tennessee Section.* Retired, Eastman Chemical Company, Kingsport, Tennessee.

Academic Record: Northeast State Technical Community College A.D., 1991; Liberty University, B.S., 2019.

Honors: ACS Award for Volunteer Service to ACS, 2021; ACS Fellow, 2009; ACS Career Service Making a Difference Award, 2010; ACS Chemical Technician Division, Chemical Technician Award, 1998; ACS Northeast Tennessee Section, Speaker of the Year Award, 2009; ACS Northeast Tennessee Section, Chemical Technical Division Award, 1997; E. ACS Ann Nalley Southeastern Award for Volunteer Service, 2013; Northeast State Community College Outstanding Alumna Award, 2011; Northeast State Technical Community College Outstanding Graduate Award, 1991; Honorable Discharge from the United States Air Force, 1998; Air Force Commendation Medal, 1984 and 1988.

Professional Positions (for past ten years): Retired, Eastman Chemical Company, Innovation Process Manager, Process and Application Innovation Strategic Technology Division, 2014-19; Principal Technologist, Chemical and Catalysis Research Laboratory, 2004-14.

Service in ACS National Offices: Division Councilor Caucus Chair, 2021-2023; Committee on Nominations and Elections, Member, 2016-21, Vice- Chair, 2018-21; Committee on Divisional Activities, Member, 2014-15, Committee Associate, 2011-12; Committee on Technician Affairs, Member, 2008-13, Chair 2012-13, Committee Associate, 2007; ACS Fellows Steering Committee, 2012-14, ACS Fellows Selection Committee.

Service in ACS Offices: *Industrial & Engineering Chemistry Division:* Councilor, 2011-23; Non-Officer Volunteer, 2014-15, Program Chair 2009-11. *Northeast Tennessee Section:* Co-Secretary, 2013; Non-Officer Volunteer, 2013-18; Chair, 2011, 2022; Chair-Elect, 2010, 2022, Program Chair 2010, 2022. *Chemical Technicians Division:* Chair, 2010, 2008; Secretary, 2005-07, Non-Officer Volunteer 2004-10. *Northeast Tennessee Section Student Affiliate Group:* President 1990; Non-Officer Volunteer 1989-91.

Member (current): Member ACS since 2004. *ACS Division(s):* Industrial & Engineering Chemistry.

Related Activities: ACS Career Consultant 2007-2121; Certified Pathway Workshop Facilitator for several workshops; STEM (Science Technology Engineering Math) Leadership Team, Girls Raised in Tennessee Science (GRITS) Program 2008-11; Leader of a program for 9 years for Eastman Chemical Company Sponsorship for Southeast Regional Meeting of the ACS; Organized several ACS symposiums from 2004 to date; ACS Presidential Task Force: Implementing the Recommendations of the Industry/Two-Year College, Chair 2016, ACS Presidential Task Force on Employment Issues in the Chemical Enterprise, Chair Subcommittee on Undergraduate Professional Opportunities 2015; Numerous presentations at ACS meetings and Colleges; completed Management and Project Management Classes, more than 175 internal publications/presentations, 10 external publications, one book chapter and an editor for an ACS Symposium Series book; eight patents.

HEARD, GEORGE L. *Western Carolinas Section.* University of North Carolina-Asheville, Asheville, North Carolina.

Academic Record: University of Melbourne, B.S. (Hons), 1991; University of Tasmania, Ph.D., 1996.

Honors: University of North Carolina-Asheville, Ruth and Leon Feldman Distinguished Professor, 2014-15; University of North Carolina-Asheville Outstanding Teaching in Natural Sciences, 2014. North Carolina Science Olympiad Volunteer of the Year, 2017.

Professional Positions (past ten years): University of North Carolina-Asheville, Professor, 1999 to date.

Service in ACS National Offices: Committee on Chemists with Disabilities, Member, 2018-21, Associate, 2017; Committee on Ethics, Associate, 2016; Committee on Community Activities, Member, 2010-15, Associate, 2008-09, Chair, 2013-15. Diversity, Equity, Inclusion, and Respect Advisory Board 2020.

Service in ACS Offices: *Western Carolinas Section:* Councilor, 2011-22, Alternate Councilor, 2006-10; Chemistry Olympiad Coordinator 2009 to date; Awards Committee 2008 to date.

Member (current): Member ACS since 2000. Order of Omega (honorary Member). *ACS Division(s):* Chemical Education; History of Chemistry; Computers in Chemistry; and Professional Relations.

Related Activities: International Union of Pure and Applied Chemistry conference on Chemical Education, symposium chair 2014. Reviewer for National Science Foundation programs REU, RUI, TUES, S-STEM. Published 46 journal articles and one book chapter.

JEFFRIES-EL, MALIKA *Northeastern Section.* Boston University, Department of Chemistry Boston, Massachusetts

Academic Record: Wellesley College, B.A., 1996; George Washington University, Ph.D., 1999.

Honors: ACS Fellow 2018; Stanley Israel Award, 2015; Iota Sigma Pi Agnes Fay Morgan Award, 2013; Women Chemists Committee Rising Star Award, 2012; National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, Lloyd Ferguson Young Science Award, 2009.

Professional Positions (for the past ten years): Boston University, Department of Chemistry, Associate Professor, 2016 to present, Math Science English, Associate Professor, 2016 to present; Massachusetts Institute of Technology, Martin Luther King Jr., Visiting Professor, 2015; Iowa State University, Department of Chemistry, Associate Professor, 2012-15, Assistant Professor, 2005-12.

Service in ACS National Offices: Committee on Publications, Member, 2020-23; Society Committee on Education, Associate, 2010-13; Committee on Women Chemists, Associate, 2018-19; Committee on Younger Chemists, Member, 2005-10, Associate, 2002-04.

Service in ACS Offices: *Northeastern Section:* Councilor, 2020-22, Alternate Councilor, 2018-19; *Ames Section:* Councilor, 2011-15; *Organic Chemistry Division:* Alternate Councilor, 2017-18.

Member (current): Member ACS since 1999. National Organization for the Professional Advancement of Black Chemists and Chemical Engineers. *ACS Division(s)*: Organic Chemistry; Polymeric Materials: Science & Engineering; Polymer Chemistry; and Professional Relations.

Related Activities: Associate Editor, Journal of Materials Chemistry C, 2013 to date, Materials Advances 2020 to date; Co-chair, NSF-CHE Committee of Visitors, 2020. Member, Editorial Advisory Board, Chemical and Engineering News, 2021, 2009-12; ACS Central Science, 2021; Chemical Sciences 2019 to date; Macromolecules 2013–15; Member, College Board – AP Development Curriculum & Content Development Committee, 2014–17; ACS Joint Subcommittee on Diversity, 2006-08; Graduate Education Advisory Board, 2004–07; Membership Recruitment and Retention Task Force, 2003–05; Organizer, National Science Foundation Division of Chemistry Early Career Investigator workshop, 2016; Food Energy Water Nexus (FEWS) Symposium, 254th ACS National Meeting, Washington, DC, August 2017; ACS Henry A. Hill Centennial Symposium: Innovation in Polymer Science, 250th ACS National Meeting, Boston, MA, August 2015. Author over 45 publications, received over 4000 citations, and given over 160 lectures domestically and abroad.

MATHES, BRIAN M. *Indiana Section.* Elanco, Greenfield, Indiana.

Academic Record: Ball State University, B.S., 1994; University of North Carolina Chapel Hill, M.A., 1996.

Honors: Local Section Outreach Volunteer of the Year, Committee on Community Activities, ACS, 2017.

Professional Positions (for past ten years): Elanco, Senior Research Chemist: Formulations, 2019-present; Eli Lilly, Research Chemist, 1996-2019

Service in ACS National Offices: Committee on Membership Affairs, Member, 2016-21, Chair, 2019-21, Associate, 2015; Corporation Associates, Consultant, 2018-present; Council Policy Committee, Member Ex-Officio, 2019-present; Board of Trustees for the Group Insurance Plans, 2017- to date.

Service in ACS Offices: *Indiana Section*: Councilor, 2015-23, Chair, 2010, Public Relations Officer 2003-07, Alternate Councilor, 2007-14.

Member (current): ACS since 1992.

OLESIK, SUSAN J. *Columbus Section.* The Ohio State University, Columbus, Ohio.

Academic Record: Vincennes University, A.S., 1975; DePauw University, B.A., 1977; University of Wisconsin-Madison, Ph.D., 1982.

Honors: ACS Helen Free Award for Public Outreach, 2014; ACS Award in Chromatography, 2014; ACS Fellow 2009; ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences, ACS, 2008; Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, 2008; ACS Award for Outstanding Achievement & Promotion of Chemical

Sciences, Columbus Section, 2004; 100 Most Influential Analytical Chemists, Analytical Scientist, 2019, 2015; Top 10 Analytical Mentor, Analytical Scientist, 2017; Top 50 Women in Analytical Science, Analytical Scientist, 2017; President's and Provost's Council on Women-Glass Breaker's Award, Ohio State University, 2016; Fellow, American Association for the Advancement of Science Fellow, 2012; Building Bridges Excellence Award, Ohio State University, College of Engineering, 2010; Carnegie Foundation Award for Wonders of Our World Outreach Program, 2009; Community Leadership Award, DePauw University, 2007; Alumni Association Heinlen Award, Ohio State University, 2006; Technical Person of the Year, Columbus Technical Council, 2005; Woman in Science Award, American Women in Science Columbus Section, AWISCO, 2000; Friend of Educators Award, Dublin Education Foundation, 2000; Commendation from NASA for Contributing GC Column to Cassini-Huygen's Probe, 1998; Eli Lilly Research Award, 1990; Research Award, The American Society for Mass Spectrometry, 1987; Science and Math Division Outstanding Alumni Award, Vincennes University, 1987.

Professional Positions (for past ten years): Ohio State University, Chair, Department of Chemistry, College of Arts and Sciences, Distinguished University Professor 2020 to date; Dean of Natural and Mathematical Sciences 2020 to date; Department Chemistry and Biochemistry, Chair, 2011-19.

Service in ACS National Offices: Committee on Committees, 2021, Committee on Divisional Activities, Member, 2020-2021, Committee Associate, 2019.

Service in ACS Offices: *Analytical Chemistry Division:* Councilor, 2018-20, Immediate Past Chair, 2015-16, Chair, 2014-15, Chair-Elect, 2012-13, Program Chair, 2013-14. *Chromatography and Separations Chemistry Subdivision:* Immediate Past- Chair, 2009-12, Chair, 2007-09; Chair-Elect 2005-07.

Member (current): Member of ACS since 1976. American Association for the Advancement of Science, American Society for Mass Spectrometry. *ACS Division(s):* Analytical Chemistry.

Related Activities: Editorial Advisory Board, Analytical Chemistry, 2014-15, 2002-04; Board of Trustees, Vincennes University, Vincennes, IN, 2013-19; Governing Board Council of Chemical Research 2012-15; ACS Report entitled "Advancing Graduate Education in the Chemical Sciences" led by ACS President, Bassam Z. Shakhshiri, Olesik was a participant; National Academy of Sciences, Committee Member for Consensus Report on "Research Agenda for a New Era in Separation Science".

PORTERFIELD, DONIVAN R. *Central New Mexico Section.* Los Alamos National Laboratory, Los Alamos, New Mexico.

Academic Record: University of Texas, Arlington, B.S., 1984; University of Texas, Austin, M.A., 1990.

Honors: ACS Fellow, 2014; ASTM International Fellow, 2013; ASTM International Committee C26 (Nuclear Fuel Cycle) Harlan J. Anderson Award, 2010; ASTM International Committee D19 (Water) Max Hecht Award, 2010; Los Alamos National Laboratory Distinguished Performance Team Awards, 2001, 2010, and 2014; Radio-bioassay and Radiochemical Measurements Conference Founders Award, 2001.

Professional Positions (for past ten years): Los Alamos National Laboratory, Scientist, 1993 to date.

Service in ACS National Office: Committee on Committees, Member, 2019-21; Committee on Local Section Activities, Committee on Committees Liaison, 2019-21, Senior Chemist Committee, Committee on Committees Liaison, 2019-21; Committee on Nominations and Elections, Member, 2013-18; Leadership Advisory Board, 2016-18, Associate, 2014-15; Committee on Economic and Professional Affairs, 2012; Committee on Nomenclature, Terminology and Symbols, Member, 2010-12, Associate, 2009; Committee on Meetings & Expositions, 2005-10.

Service in ACS Offices: *Central New Mexico Section:* Councilor, 2003-20; Chair, 2015, 2011, 2000-02; Chair-Elect, 2014, 2010, 1999; Treasurer, 1996-98; Newsletter Editor & Webmaster, 2018. *Rocky Mountain Regional Meeting:* General Chair, 2018 & 2002. *Rocky Mountain Region Board:* Ex-officio member, 2019-2020, Chair, 2013-18.

Member (current): Member ACS since 1984. New Mexico Academy of Science. *ACS Division(s):* Analytical Chemistry; Chemical Education; Chemical Information, History of Chemistry, Nuclear Chemistry & Technology; and Small Chemical Business.

Related Activities: ASTM International, Committees on Water (D19) and Nuclear Fuel Cycle (C26), International Organization for Standardization (ISO) Technical Committees 85 (Nuclear energy, nuclear technologies, and radiological protection) and 147 (Water quality).

RABINOVICH, DANIEL. *Carolina-Piedmont Section.* The University of North Carolina at Charlotte, Charlotte, North Carolina.

Academic Record: Catholic University, Lima, Peru, B.S., 1990; Columbia University, Ph.D., 1994; Los Alamos National Laboratory, Postdoctoral Research Associate, 1994-96.

Honors: ACS Award for Research at an Undergraduate Institution, 2021; ACS Fellow, 2020; American Crystallographic Association Elizabeth A. Wood Science Writing Award, 2014; ACS Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences (Southeastern Region), 2013; Fulbright Scholarship, 2007; International Union of Pure and Applied Chemistry Young Observer Award, 2005 & 2009; Indiana University Excellence in Undergraduate Chemistry Research Award, 2005; Henry Dreyfus Teacher-Scholar, 2002.

Professional Positions (for the past 10 years): Joint School of Nanoscience and Nanoengineering, Associate Dean and Professor of Nanoscience, 2021-present; The University of North Carolina at Charlotte, Professor, 2006-2021; Associate Professor, 2002-2006, Assistant Professor, 1996-2002; National Science Foundation, Program Director, Chemistry Division, 2009-2011; Catholic University (Lima, Peru), Visiting Professor, 2011.

Service in ACS National Office: Committee on Nomenclature, Terminology and Symbols, Member, 2016-21, Associate, 2013-15; 2017 Southeastern Regional Meeting ACS, Program Chair; Committee on Minority Affairs, Member, 2003-10, Associate, 2001-02; Committee on Project SEED, Associate, 2004-05.

Service in ACS Offices: *Carolina-Piedmont Section:* Councilor, 2020-22, 2014-2016, Alternate Councilor, 2018-19, 2012-13; *History of Chemistry Division:* Past-Chair, 2021-22, Chair, 2019-20, Chair-Elect, 2017-18; *Inorganic Chemistry Division:* Coordination Chemistry Subdivision Chair, 2016, Chair-Elect, 2015.

Member (current): ACS member since 1989. *ACS Division(s)*: History of Chemistry; Inorganic Chemistry.

Related Activities: U.S. National Committee for the International Union of Pure and Applied Chemistry (IUPAC), Member, 2016-17, Vice-Chair, 2018-19, Chair, 2020-22; IUPAC Division II (Inorganic Chemistry), Associate Member, 2012-13, Titular Member, 2014-17, Project Coordinator, 2012-19, Secretary, 2020-present; Editorial Board member, *Polyhedron*, 2012-present; Editor, *Philatelia Chimica et Physica*, 2005-16; F. Albert Cotton Award in Synthetic Inorganic Chemistry selection committee member, 2005-08; ACS Project SEED program coordinator at UNC Charlotte, 1999-2007; 67 peer-reviewed publications.

SCHLEBLE, SUSAN M. Colorado Local Section. Metropolitan State University of Denver, Denver, Colorado.

Academic Record: St. Norbert College, B.S., 1971; University of Wisconsin-Stevens Point, B.S., 1985; Colorado State University, Ph.D., 1994; University of Illinois-Urbana-Champaign, Massive Open Online Courses in Leadership, 2016.

Honors: ACS Colorado Section Service Award, 2016; ACS Chemistry Ambassador Award, 2015; ACS Committee on Ethics Nine-year Service Award, 2014; Metropolitan State University, Mentoring Award, 2011; ACS Project-SEED Mentor, Coordinator Certificate, 2008; Denver Community Service Award, 2000; Favorite Professor Award, Colorado State University, 1995; Fellowship for Teaching Organic Chemistry, Syntex Corporation, 1993.

Professional Positions (for past ten years): Metropolitan State University-Denver, Professor of Chemistry and Biochemistry, 2005 to date; University of Illinois, Laboratory Instructor, and Visiting Researcher, 2014-15.

Service in ACS National Offices: Committee on Committees, Member, 2017-21; Committee on Meetings and Expositions, Member, 2015-19; Committee on Ethics, 2005-14, Consultant, 2015-17, Strategic Planning Committee, 2013; Committee on Community Activities, Member, 2004; National Chemistry Week Task Force, 2001-03.

Service in ACS Offices: *Colorado Local Section*, Councilor, 2008-22; Alternate Councilor, 1999-2000; Chair Succession, 2001-03; Local Section Bylaws Committee Chair, 2013-15; Awards Committee, Chair, 2011-21. *Chemical Education Division*: ACS Examinations Institute, Board of Trustees, 2009-11, 2013-15; Committee on Personnel and Nominations, 2015-21. *Division of Professional Relations*: Secretary, 2010-18; Strategic Planning Committee, 2017; *Rocky Mountain Regional Meeting*: Planning Committee, 2012, 2016.

Member (current): ACS since 1986. Association of Practical and Professional Ethics; Society for Advancement of Chicano and Native Americans in Science; Council for Undergraduate Research; American Association of Chemistry Teachers; Colorado Chemistry Teachers Association. *ACS Division(s)*: Chemical Education; Professional Relations.

Related Activities: Organizer 2021 Pacificchem Symposium *Ethics in the Chemical Profession*; Co-Editor ACS Symposium Series Book 2021 *International Ethics in Chemistry*; Reviewer 2005-21 for *Journal of Chemical Education* and *ACS Books*; Organizer, 2012 and 2001 of Organic Teaching Symposia, at ACS National Meetings, Peer-reviewed 23, publications, 2005-21; Advisor of Student Affiliates of ACS, 2000-21; Working Group to promote Diversity, Equity, Inclusion and Respect, for ConC, 2020-21.

STONER, JOSEPH P. *Georgia Section.* Retired, Shimadzu Scientific Instruments.

Academic Record: Georgia Tech, B.Ch.E., 1966; University of Georgia, M.B.A., 1971.

Honors: ACS Fellow, 2011; Georgia Section Outstanding Service Award, 2010; Director's Award for Advancing ACS Public Policy in R&D Funding, 1998; Georgia Tech Alumni Association, Ramblin' Wreck Volunteer Award, 1998; Phi Kappa Phi; Beta Gamma Sigma; Leadership DeKalb, Class of 2009.

Professional Positions (for past ten years): Retired, Analytical Instrument Companies (primarily in High Performance Liquid Chromatography), Sales, Management and Quality Assurance roles, 2005.

Service in ACS National Offices: Committee on Divisional Activities, Member, 2021-23, Committee Associate 2020; Committee on Budget and Finance, 2011-19, Committee Associate, 2009-10; Committee on Economic and Professional Affairs, 1998-99, 1995-96, Committee Associate, 2009-10; ACS Board-Presidential Task Force on Society Services and Associated Dues Pricing Models, 2010-14.

Service in ACS Offices: *Georgia Section:* Councilor, 2019-21, 2007-12; Alternate Councilor, 2013-15; Secretary, 2004-06; Chair, 2003; Chair-Elect, 2002. *North Jersey Section:* Councilor, 1998-99, 1994-96; Chair, 1995; Chair-Elect, 1994; Alternate Councilor, 2000-01, 1997, Chromatography Topical Group, Chair 1992-1993; Treasurer 1991-1992; Secretary 1990-1991. *Business Development & Management Division:* Chair, 2016. *Professional Relations Division:* Chair, 2014, Ethics Subdivision Chair, 2012. *Middle Atlantic Region:* Caucus, Chair, 1995-96.

Member (current): Member ACS since 1972. *ACS Division:* Small Chemical Businesses. Member, American Baptist Historical Society, Board of Directors, 2010-21, Treasurer.

Related Activities: *Symposium Chair:* Ethics Programs in Corporations and Institutions, 245th ACS National Meeting, New Orleans, LA.

ELECTION TO
COMMITTEE ON NOMINATIONS AND ELECTIONS

Action Requested: The Council Policy Committee has selected the following slate of candidates for membership on the Committee on Nominations and Elections:

- | | |
|-----------------------------|---------------------------|
| 1. Allison Aldridge | 6. Kenneth P. Fivizzani |
| 2. Christopher J. Bannochie | 7. Thomas R. Gilbert |
| 3. Ella L. Davis | 8. Silvia Ronco |
| 4. Holly L. Davis | 9. Martin D. Rudd |
| 5. Peter K. Dorhout | 10. Frankie K. Wood-Black |

The Council must elect five individuals: The five candidates receiving the highest numbers of votes will be declared elected for the 2022-2024 term. All the candidates have indicated their willingness to serve if elected. Biographies of the candidates are presented in summary form at the end of this item.

Supplementary Information:

**Description of Duties and Desired Characteristics for Members of the
Committee on Nominations and Elections (N&E)**

The Committee on Nominations and Elections (N&E) receives suggestions and petitions for President-Elect, District Director, and Director-at-Large. The committee then ranks and prepares a list of nominees and/or candidates for these offices. N&E supervises Society elections, conducts elections in Council; and serves as an election appeals board for local section and division elections. N&E members also:

- run the Town Hall Meetings for President-Elect nominees and Director-at-Large candidates
- participate in the testing of Council voting “clickers”
- take on an active role during the Council Meeting. In that sense, members are also expected to be present at 6:30 a.m. on Wednesday morning of a National Meeting to help prepare for the Council meeting, and
- represent N&E at the various Councilor Caucuses during a National Meeting.

To succeed in these activities, members need to have extensive experience in ACS governance, a strong ACS network and be available to attend all national meetings. The candidate’s personal qualities must include integrity and strong ethical character, respect for confidentiality, and the ability to work well in a team environment.

During every in-person ACS National Meeting, the Nominations & Elections Committee:

- meets Sunday afternoons (approximately 12 p.m. – 4 p.m.)
- continues to meet on Mondays (approximately 8 a.m. – 4 p.m.)
- runs the Town Hall Meetings that run from 4:15 p.m. to 5:15 p.m. on Sunday evenings
- has representatives attend their appropriate Councilor Caucuses on Sunday from 6 p.m. – 7 p.m. and/or on Tuesdays from 5:30 p.m. to 7:00 p.m.
- tests Council voting “clickers” from approximately 2 p.m. – 3 p.m. on Tuesday, and
- begins their Council activities at 6:30 a.m. on Wednesday.

Members of N&E must be voting Councilors.

Those members of the Committee on Nominations and Elections whose terms end on December 31, 2021, are as follows:

Allison Aldridge, Chemical Society of Washington Section
Christopher J. Bannochie, Savannah River Section
Mary K. Engelman, Industrial & Engineering Chemistry (Northeast Tennessee Section)
Silvia Ronco, Inorganic Chemistry (Southern Arizona Section)
Frankie K. Wood-Black, Chemical Health and Safety (Northern Oklahoma Section)

Mary K. Engelman is ineligible for reelection.

The present members of the Committee on Nominations and Elections who continue on that body are:

2020-2022

Michelle V. Buchanan, Analytical Chemistry (East Tennessee Section)
Alan B. Cooper, North Jersey Section
Alan A. Hazari, East Tennessee Section
Amber S. Hinkle, Greater Houston Section
Thomas H. Lane, Ex Officio (Midland Section)

2021-2023

Jetty L. Duffy-Matzner, Sioux Valley Section
Kevin J. Edgar, Cellulose and Renewable Materials (Virginia Blue Ridge Section)
Neil D. Jespersen, New York Section
Julianne M.D. Smist, Connecticut Valley Section
Linette M. Watkins, Virginia Section

ALDRIDGE, ALLISON. *Chemical Society of Washington Section.* Food and Drug Administration, Silver Spring, Maryland.

Academic Record: University of Illinois, Urbana-Champaign, B.S., 1983; Loyola University Chicago., Ph.D., 1998.

Honors: FDA Leveraging and Collaboration (10/20); FDA Small Business Regulatory Education for Industry Group Award (9/17); FDA Burkholderia Cepacia Infections Incident Response Group Award (6/17); FDA Commissioner's Special Citation for the Multistate Meningitis Outbreak Response Team (7/13); FDA Group Recognition Award for the Drug Shortage Team (7/12); Center Director's Special Citation for Outstanding implementation of the CDER/ORA Knowledge Transfer Program (09/11); CDER Plain Language Award (09/16); CDER OC Award for the meningitis outbreak investigation (12/12); CDER OC Award for exceptional scientific and managerial expertise in the review of complicated international cases (11/14); CDER OC Award for review and clearance of GDUFA-related applications (12/12); OMPQ DIDQ Commendation for the Unprecedented Merck Serono Warning Letter (1/13).

Professional Positions (for past 10 years): Food and Drug Administration, Consumer Safety Officer, 2011 to date.

Service in ACS National Offices: Committee on Nominations & Elections, Member, 2019-21; Committee on Chemists with Disabilities, Member, 2012-18; Committee on Minority Affairs, Member, 2008-12, Associate, 2004-07, Chair, 2009-11; ACS Diversity & Inclusion Advisory Board 2011; Committee on Community Activities, Associate, 2005-06.

Service in ACS Offices: *Chemical Society of Washington Section:* Councilor, 2016-21, Immediate Past Chair, 2019, Chair 2018, Chair-Elect, 2017. *Chicago Section:* Councilor, 2004-05, Chair-Elect, 2005, Alternate Councilor, 2001-03. *Professional Relations Division:* Secretary, 2004-08.

Member (current): Member ACS since 1996. *ACS Division(s):* Analytical Chemistry; Professional Relations.

Related Activities: Presidential Task Force on Implementing the ACS Diversity Reports, 2009; Mikart, 2005-09, Research & Development Analytical Manager; Abbott Laboratory, Associate Research Investigator, 2000-05; Unilever HPC, U.S.A., Sr. Research & Development Scientist, 1997-2000.

BANNOCHIE, CHRISTOPHER J. Savannah River Section. Savannah River National Laboratory, Aiken, South Carolina.

Academic Record: St. John's University, B.A. *Cum Laude*, 1984; Texas A&M University, Ph.D., 1989.

Honors: ACS, Division of Professional Relations Louis J. Sacco Award, 2014; ACS, E. Ann Nalley Southeastern Regional Award for Volunteer Service, 2012; ACS Fellow, 2009; ACS, Savannah River Section Salute to Excellence Award, 2006; ACS, Stanley C. Israel Regional Award for Promoting Diversity in the Chemical Sciences, 2005; National Organization of Gay and Lesbian Scientists and Technical Professionals, Walt Westman Award, 2007; George Westinghouse Signature Award, 1992; Sigma Xi; Phi Lambda Upsilon.

Professional Positions (for the past ten years): Savannah River National Laboratory (operated by Battelle Savannah River Alliance, LLC), R&D Manager - Biotechnology, 2020 to date; Training & Procedures Manager, 2019-20; Senior Fellow, 1991-19.

Service in ACS National Offices: Committee on Nominations & Elections, Member, 2019-21; Committee on Committees, Member, 2013-18; Committee on Science, Member, 2008-13, Associate, 2007; Awards Committee, 2012-14; Diversity, Equity, Inclusion & Respect Advisory Board, 2011, 2019-21; Committee on Meetings and Expositions, Consultant, 2008-10; Committee on Economic and Professional Affairs, Member, 2001-06, 1996-99.

Service in ACS Offices: *Savannah River Section:* Councilor, 1996-22; Chair, 1993-94; Chair-Elect, 1993; Archivist, 2001-21; Government Affairs Committee, Chair, 2007-09; Newsletter Editor, 1995-98; Public Outreach Officer, 1992. *Southeastern Regional Meeting:* Executive Committee, 2017-22, 2013-15, 2005-10; Chair, 2020-21, 2014, 2009; Chair-Elect, 2019, 2013, 2008. *58th Southeastern Regional Meeting:* General Co-Chair, 2017-18; General Chair, 2005-06; *Professional Relations Division:* Chair, 2011; Chair-Elect, 2010; Secretary, 2009; Treasurer, 2003-08; Program Chair, 2007-08; Member-At-Large, 2013-22, 2002; PACIFICHEM 2015, 2010, ACS Topical Program Advisor.

Member (current): Member ACS since 1984. National Organization of Gay and Lesbian Scientists and Technical Professionals, Board of Directors, 2009-22; Georgia Equality Board of Directors, 2014-15; Augusta Pride, Board of Directors, 2010-13; Out to Innovate 2014, Co-Chair; Leadership Augusta, Class of 2004, Board of Directors, 2005; Savannah River Site Gay, Lesbian, or Bisexual Employees and Allies Association, President, 2009-21, 2003; American Association for the Advancement of Science. *ACS Division(s):* Industrial and Engineering Chemistry; Nuclear Chemistry; and Professional Relations.

Related Activities: Open Chemistry Collaborative in Diversity Equity (OXIDE) Advisory Board, 2014-22; Imperial Theater Program Committee, 2004-05; Lawrence Livermore National Laboratory (operated by the University of California), Visiting Scientist, 1998-01.

DAVIS, ELLA L. Philadelphia Section. Retired, McNeil PPC, Lititz, Pennsylvania.

Academic Record: Drexel University, B.S., 1980; Alvernia University, MBA, 2010.

Professional Positions (for past ten years): STEMiversity Inc., Laboratory Director, 2014 - 17, Special Education Projects, 2017; Committee for Action Program Services, Analytical Training Laboratory, 2014-17, Vice President, 2013 to 2017; Retired, McNeil PPC, 2007, QA Laboratory Team Leader, 2003-07.

Service in ACS National Offices: Council Policy Committee, Member, 2017-21; Committee on Membership Affairs, Member, 2014-16, Associate, 2013.

Service in ACS Offices: Philadelphia Section: Councilor, 2012-23, Alternate Councilor, 2011, 2003-09; Chair, 2008; Chair-Elect, 2007; Director, 2010-21, 1993-2007.

Member (current): Member ACS since 1978. National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, National Meeting Planning Committee, Delaware Valley Chapter; Delaware Valley Science Council (DVSC).

Related Activities: National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, National President, July 2001–03, National Vice–President, 1999–2001, Executive Board Member-at-Large 2005-10, National Treasurer, 2014-16, National Meeting Planning Committee, Registration Chairperson, 1994–2001, 2005-09. Delaware Valley Chapter Past President, Treasurer; Delaware Valley Science Council (DVSC), President, 2014-16, Board Member, 2009-21. Analytical Chemistry Laboratory, a Johnson & Johnson Company (formerly Pfizer Inc.), Research Chemist/Supervisor, 1976-2002; The PQ Corporation R&D Center, (Conshohocken, PA).

DAVIS, HOLLY L. Georgia Section. Abbott, Chicago, Illinois.

Academic Record: University of Georgia, B.S. in Chemistry, 1996.

Honors: American Chemical Society Fellow, 2019; Georgia Local Section Outreach Volunteer of the Year, 2019; Georgia Local Section Outstanding Service Award, 2010; University of Georgia Magna cum Laude and Presidential Scholar, 1996.

Professional Positions (for past ten years): Abbott, Quality Assurance Manager, 2020 to date; Abbott, Senior Quality Engineer, 2017-20; Kimberly-Clark, Quality Systems Specialist, 2014-17; The Coca-Cola Company, Associate Scientist Coca-Cola and Sprite Research and Development, 2010-13.

Service in ACS National Offices: Committee on Community Activities, 2012 to date, Chair, 2019 to date.

Service in ACS Offices: Georgia Section: Councilor, 2021 to date; Chair, 2007; Chair-Elect and Program Committee Chair, 2006; Past Chair, 2008; Alternate Councilor, 2009-2020; Treasurer, 2002-2005 and 2014-2019; Nominations Committee, various over 2009-present; Elections Committee, various over 2009-present; Awards Committee, 2014-present.

Member (current): Member ACS since 1998; American Society for Quality; Society of Women Engineers. *ACS Division(s):* Business Development and Management; Professional Relations; Women Chemists; Gay & Transgender Chemists and Allies Subdivision.

Related Activities: Abbott Women in STEM, Member and Volunteer, 2018 to date; Abbott Mentor, 2020 to date; ISO 9001 Quality Management Systems Lead Auditor, 2015.

DORHOUT, PETER K. Ames Section. Iowa State University, Ames, Iowa.

Academic Record: University of Illinois, B.S., 1985; University of Wisconsin, Ph.D., 1989.

Honors: ACS Fellow, 2013; ACS Colorado Local Section Service Award, 2004; ACS Division of Inorganic Chemistry, Exxon Faculty Fellow Award in Solid State Chemistry, 1996; AAAS Fellow, 2017; Distinguished Service Award, Colorado School of Public Health, 2008; Undergraduate Research Mentor Award, Colorado State University, 2002; Camille Dreyfus Teacher-Scholar, 1997; Alfred P. Sloan Fellow, 1997; National Science Foundation Career Award, 1996; Research Corporation Cottrell Scholar, 1994; Sigma Xi, 1991.

Professional Positions (for past ten years): Iowa State University, Professor of Chemistry, Vice President of Research, 2021 to date; Kansas State University, Professor of Chemistry, Vice President for Research, 2016-20; Dean of Arts & Sciences, 2012-15; Colorado State University-Pueblo, Interim Provost, 2011; Colorado State University, Vice Provost for Graduate Affairs and Assistant Vice President for Research, 2004-11; Interim Executive Director, Office of International Programs, 2005; Associate Dean, College of Natural Sciences, 2002-04; Professor of Chemistry, 2002-12.

Service in ACS National Offices: Committee on Pension and Investments, Member, 2020-22; Committee on Budget and Finance, Member, 2015-21, Associate, 2014; Board of Directors, Presidential Succession, 2017-19; Board of Directors, Director, District V, 2010-12; Ex-Officio Councilor, 2010-12, 2017 to date; Committee on Professional and Member Relations, Member, 2017-19, 2010-12, Chair, 2011-12; Executive Committee, Member, 2011-12, 2017-19; Executive Compensation, Member, 2017-19; Grants and Awards, Member, 2010-12; Strategic Planning, Member, 2011-12; Communications, Chair, 2015; Presidential Task Force on U.S. Employment of Chemists, 2015-16; International Center Working Group, Chair, 2010; Committee on Committees, Member 2002-08, Chair, 2008, Secretary, 2005-06; Committee on International Activities, Chair, 2009; Graduate Education Advisory Board, Chair, 2009-11; Joint Board/ConC AET Chair, 2008; Committee on Divisional Activities, Member, 2001, Associate, 2000; Younger Chemists Committee, Member, 1996-98, Associate, 1995, Consultant, 2013-16; Board Oversight Group on Leadership Development, 2005-09; Presidential Task Force on Stop-Gap Funding, 2001-02.

Service in ACS Offices; Colorado Section: Ed., 2004, 2001, Councilor, 2001-09, Chair and Program Chair, 1999, Chair-Elect, 1998; Nominating Committee, 2000, 2008; Newsletter Editor, 1999-04; Chair and Program Chair, 1999; Chair-Elect, 1998. *Inorganic Chemistry Division:* Councilor, 1999-01.

Member (current): Member ACS since 1985. American Association for the Advancement of Science; Life Member, Society for the Advancement of Chicanos and Native Americans in Science. *ACS Division(s):* Small Chemical Businesses; Industrial and Engineering Chemistry; Inorganic Chemistry; Nuclear Chemistry and Technology; and Professional Relations.

Related Activities: American Association for the Advancement of Science Chemistry Section Chair succession, 2020-22; National Science Foundation Chemistry Committee of Visitors Co-Chair, 2020; ACS Leadership Development System Co-Facilitator, 2013-15; ACS Webinar Facilitator, 2013, 2018-2020; Research Corporation Board of Directors, 2003 to date; Defense Threat Reduction Agency, Consultant, 2013; Los Alamos National Laboratory, Consultant, 1988-06; National Science Foundation Workshop on Solid State and Materials Chemistry, Organizer, 2004-08; Author of over 120 peer-reviewed manuscripts and book chapters.

FIVIZZANI, KENNETH P. Chicago Section. Retired, Nalco Company (now Ecolab), Naperville, Illinois.

Academic Record: Loyola University Chicago, B.S. Chemistry 1972; M.S. Inorganic Chemistry, 1976; University of Wisconsin-Madison, Ph.D., Inorganic Chemistry, 1981; University of St. Mary of the Lake, S.T.B. Theology, 1974.

Honors: ACS Division of Chemical Health and Safety Lifetime Achievement Award, 2019; Distinguished Service Award, Chicago Section, ACS, 2016; Tillmanns-Skolnick Award, ACS Division of Chemical Health and Safety, 2012; ACS Fellow, 2011; ACS Chemical Health and Safety Fellow, 2004; Chemistry Alumni of the Year Award, Loyola University Chicago, 2012; Nalco Inventors' Hall of Fame, 1993.

Professional Positions (for past ten years): Retired, Nalco Company (now Ecolab), 2009; Research Scientist 2004-09; Technical Director 2000-02; Chemical Hygiene Officer 1990-2009; National Registry of Certified Chemists, Certified Chemical Hygiene Officer, 1997-2015.

Service in ACS National Offices: Committee on Community Activities, Member, 2013-21, Committee Associate, 2011-12; Committee on Chemical Safety, Member, 2002-10, Chair, 2002-04, Committee Associate, 2001; Safety Culture Task Force, 2011-12; Task Force for Safety Education Guidelines, 2014-15; Presidential Task Force on Chemical Hygiene Officer Certification, 1996-97.

Service in ACS Offices: *Chicago Section:* Councilor, 2020-22, 2017-19, 2013-15, 2009-10; Alternate Councilor, 2007-08; Past Chair, 2019; Chair, 2018, 2010, 2007; Chair-Elect, 2009, 2006, Vice-Chair, 2018; Trustee, 2011-21. *Chemical Health & Safety Division:* Chair, 2014, 2011, 2000; Chair-Elect, 2013, 2010, 1999; Co-Program Chair, 1996-99; *Journal of Chemical Health & Safety:* Board of Editors, 2000-19; Columnist, 2002-15; *ACS Industry Matters Newsletter:* Safety Columnist, 2019-21.

Member (current): Member of ACS since 1975. Sigma Xi, Chair of Nalco Chapter, 1988-89; American Industrial Hygiene Association, Industrial Research Institute Environmental Health and Safety Directors' Network, 1995-2009; Chair, 1999-2001. *ACS Division(s):* Chemical Health and Safety; Inorganic Chemistry; Professional Relations.

Related Activities: Chemical Safety Consultant, College of Chemistry, University of California, Berkeley, 2013; National Research Council, Committee on Prudent Practices in the Laboratory, 2008-11; National Institute of Standards and Technology Blue Ribbon Commission on Management and Safety (U.S. Secretary of Commerce), 2008 and 2010; Fifty-four presentations made at ACS National Meetings (Chemical Health and Safety, Chemical Education, History of Chemistry, Industrial and Engineering Chemistry), three presentations at Regional Meetings, 5 US Patents.

GILBERT, THOMAS R. *Northeastern Section.* Northeastern University, Boston, Massachusetts.

Academic Record: Clarkson College of Technology, B.S., 1968; Massachusetts Institute of Technology, Ph.D., 1971.

Honors: ACS Fellow, 2011; Henry A. Hill Memorial Award, 2010; Outstanding Teacher of First Year Students Award, College of Engineering, Northeastern University, 2010, 2013, 2015; Excellence in Teaching Award, Northeastern University, 1999; Sigma Xi; Gamma Sigma Epsilon.

Professional Positions (for past 10 years): Northeastern University, Associate Professor of Chemistry and Chemical Biology 1987 to 2020, Associate Professor Emeritus 2020 to date, Acting Chair, 2016-17; Professional Science Masters Programs in Biotechnology, Academic Director, 2009-11.

Service in ACS National Offices: Committee on Membership Affairs, Member, 2017-22; Board of Directors, Director, District I, 2013-15; Councilor Ex Officio, 2013-15; Committee on Public Affairs and Public Relations, Member, 2014-15; Committee on Professional and Member Relations, Member, 2013-15; Subcommittee on Web Strategy and Innovation, 2013-15; Council Policy Committee (Voting), 2007-12, Vice-Chair, 2008-10, Long-Range Planning Subcommittee, Chair, 2008-12; Committee on Nominations and Elections, 2001-06, Vice-Chair, 2004-06; Committee on Meetings and Expositions, Member, 1995-2000, Chair, 2000; Board of Directors Planning Committee, 2008-10; Task Force on Web-Based Resources for Volunteers, Chair, 2015-16; ACS Network Task Force, Chair, 2014; Task Force on Election Procedures, Chair, 2003-05.

Service in ACS Offices: *Northeastern Section:* Councilor, 2017-22, 1990-2012; Chair, 1988; Chair-Elect, 1987; Alternate Councilor, 1987-89; Centennial Celebration Program Chair, 1998; Analytical Group Chair, 1983-86; Nominations Committee, 2016-17, Chair, 1989; Long-Range Planning Committee Chair, 1989. *Northeast Regional Meeting:* General Chair, 1993. *Analytical Chemistry Division:* 46th Annual Summer Symposium on Analytical Chemistry, Co-Chair Organizing Committee, 1993.

Member (current): Member ACS since 1968. American Association of Chemistry Teachers. *ACS Division(s):* Analytical Chemistry and Chemical Education.

Related Activities: ACS, Education Division, Examinations Institute, 2000; Analytical Chemistry Examination Committee, 1998-00; International Symposia on High Performance Capillary Electrophoresis, Vice-Chair Organizing Committees, 1993-96, 1998, and 1999; New England Aquarium, Associate Director, Research, 1977-81; Published 45 journal articles and two general chemistry textbooks (in their 6th and 3rd editions), holds three patents.

RONCO, SILVIA. *Southern Arizona Section.* Research Corporation for Science Advancement, Tucson, Arizona.

Academic Record: National University of La Plata, Argentina, B.S., 1980, Ph.D., 1986; Postdoctoral Fellow, University of Notre Dame, 1986-89; Postdoctoral Fellow, Clemson University, 1991-92; Assistant to Full Professor, Chemistry Department, University of South Dakota, Vermillion, SD, 1992-2003; Visiting Associate Professor, University of California, San Diego, 2000-01.

Honors: 2019 ACS Fellow; 2020-2021 President, Council on Undergraduate Research (CUR)

Professional Positions (for past 10 years): Research Corporation for Science Advancement (RCSA), Senior Program Director, 2016 to date, Program Director, 2012-16, Program Officer 2003-12; Cottrell Scholar Program, Director, 2011 to date; Cottrell College Science Awards Program, Director, 2003-16.

Service in ACS National Offices: Committee on Nominations & Elections, Member, 2019-21; Committee on Divisional Activities, Member, 2013-18, Associate, 2012, Leadership Advisory Board, Liaison, 2017-2018; Committee on Divisional Activities Enhancement and Outreach Subcommittee, Co-chair, 2014-2018.

Service in ACS Offices: *Inorganic Chemistry Division:* Councilor, 2011-22.

Member (current): Member ACS since 1991. *ACS Division(s):* Inorganic Chemistry.

Related Activities: Presenter, ACS P2F (Postdoc to Faculty) Workshop, Fall ACS National Meetings, 2015-2018; Sponsor and presenter, ACS/Cottrell Scholar Collaborative (CSC) New Faculty Workshop, ACS Headquarters, Washington DC, 2012 to date; Sponsor, ACS/CSC Academic Leadership Workshop, ACS Headquarters, Washington, DC, 2016 to date; Symposium Organizer, Inorganic Spectroscopy, INOR, ACS National Meetings, 2010-14; CUR/YCC Symposium Organizer and Presenter, "Starting a Successful Research Program at a Predominantly Undergraduate Institution," Spring ACS National Meetings, 2008-14. Annual Cottrell Scholar Conference, Co-chair and Organizer, 2011 to date. Elected Councilor, Chemistry Division, Council on Undergraduate Research (CUR), 2000-2018; Executive Board Member, Council on Undergraduate Research, 2011-13 and 2014-2018; Council on Undergraduate Research President Elect, 2019-2020; Council on Undergraduate Research President 2020-2021.

RUDD, MARTIN D. *Northeast Wisconsin Section.* University of Wisconsin-Oshkosh, Oshkosh, Wisconsin.

Academic Record: University of Warwick, United Kingdom, B.Sc. (Hons, First Class), 1991, Ph.D., 1994.

Honors: ACS Fellow 2018; Fellow, Royal Society of Chemistry, 2011; University of Wisconsin Teaching Fellow 2006-07; National Science Foundation-Materials Science Summer Fellow 2000; Baylor University, Robert A. Welch Postdoctoral Fellowship, 1996-97; University of Bergen, Norway, Royal Society European Postdoctoral Fellowship, 1994-95.

Professional Positions (for past ten years): University of Wisconsin Oshkosh Assistant Chancellor for Access Campuses, 2018 to present; University of Wisconsin Colleges Regional Executive Officer and Dean, 2016-2018; University of Wisconsin-Fox Valley, Campus Executive Officer and Dean 2012-15; Professor of Chemistry, 2011 to present; University of Wisconsin-Manitowoc Interim Campus Executive Officer/Dean, 2010-11.

Service in ACS National Offices: Council Policy Committee, Member, 2017-21, Vice-Chair 2020-21, (Voting) 2017-18, (Nonvoting) 2014-16; Committee on Planning, 2020, 2014-16; Committee on Local Section Activities, Member, 2011-16, Chair, 2014-16, Associate, 2010.

Service in ACS Offices: *Northeast Wisconsin Section:* Councilor, 2009-23; Chair, 2006-07; Chair-Elect, 2005. *Northwest Louisiana Section:* Chair, 2002; Chair-Elect, 2001.

Member (current): Member ACS since 1998. Royal Society of Chemistry.

Related Activities: Editor-in-Chief, *Phosphorus Sulfur and Silicon and the Related Elements* 2008 to date; Editorial Board Member 2006 to date; facilitated ACS Leadership Institute Local Section Leader's Track 2014-16; Northwestern State University of Louisiana, Assistant Professor, 1997-2002; University of Wisconsin Colleges, Assistant Professor 2002-2006, Associate Professor 2006-2011; University of Wisconsin-Fox Valley, Associate Dean for Academic Affairs, 2006-2010; 26 papers and publications (many with undergraduates as co-authors).

WOOD-BLACK, FRANKIE K. Northern Oklahoma Section. Northern Oklahoma College, Tonkawa, Oklahoma, and Sophic Pursuits, Inc., Ponca City, Oklahoma.

Academic Record: University of Central Oklahoma, B.S., 1984; Oklahoma State University, Ph.D., 1989; Regis University, MBA, 2002.

Honors: ACS Fellow 2015; Helen M. Free Award for Public Outreach, 2019; Tillmanns-Skolnick Award, ACS Chemical Health & Safety Division, 2007; Distinguished Former Student Award for 2005, University of Central Oklahoma, Sigma Xi, Certificate of Excellence (Individual) "Clear the Air" Awards, 1996; Fellow, American Association for the Advancement of Sciences.

Professional Positions (for past 10 years): Northern Oklahoma College, Director of Process Technology, 2014 to date; Sophic Pursuits, Inc., Principal, 2013 to date; Trihydro Corporation, Senior Air Professional, 2008-13, Project Manager, (August) 2007-08.

Service in ACS National Offices: Committee on Nominations & Elections, Member, 2019-21; Committee on Science, Member, 2018-20; Committee on Public Relations and Communications, Member, 2009-11, Associate, 2007-08; Committee on Budget and Finance, Associate, 2004-08; Committee on Corporation Associates, Member, 1999-07; Committee on Women Chemists, Member, 1995-02, Associate, 1994, Chair, 1998-2000, Consultant, 2003; PROGRESS Implementation Committee 2002-05; National Chemistry Week Task Force, 2000-05, 1995-97, Chair, 1997; Joint Board-Presidential Task Force, Women in the Chemical Workplace, Chair, 2000-01; Advisory Committee, National Chemical Historic Landmarks Program 1996-2008; Leadership Implementation Group (BOG) 2005 to date; Canvassing Committee, ACS Award for Creative Invention, 2002-04; Canvassing Committee, Garvan-Olin Award, 1994-99, Chair, 1998-2000.

Service in ACS Offices: *Chemical Health and Safety Division:* Councilor, 2009-23, Alternate Councilor, 2005-07, 1996-98; Chair, 2001; Chair-Elect, 2000; Membership Committee Chair, 1995-2000. *North Central Oklahoma Section:* Chair, 2004-05; Chair-Elect, 2003. *Salt Lake Section:* Chair, 1997; Chair-Elect, 1998, 1996. *Northeast Oklahoma Section:* Chair, 1993; Chair-Elect, 1992.

Member (current): Member ACS since 1988. American Physical Society; National Registry of Environmental Professionals-Registered Environmental Manager; American Society for Testing and Materials; Sigma Xi; American Association for the Advancement of Science. *ACS Division(s):* Chemical Health and Safety; and Industrial and Engineering Chemistry.

Related Activities: ACS Tour Speaker 2005-09; ACS Career Consultant 2001-09; Editor's Advisory Board Member for the "*Journal of Chemical Health and Safety*", 1998 to date; Regular Columnist for the "*Journal of Chemical Health and Safety*"; Cimarron Broadband Project, Board of Directors, 2004-06; Board Member of the Ponca City Summit, Secretary/Treasurer, 2004; OK Mozart, Board of Directors 2004-05; Ponca City Arts and Humanities Council, Board of Directors, 2002-05; Ponca City Economic Development Advisory Board, 2002-03; Native Pride Pony Club, Joint District Commissioner, 2004-05; Chemical Sciences Roundtable, 2002-05; Member of the Solid and Hazardous Waste State Board (Utah) 1997-98; Charter Member of the Air & Waste Management Association Great Basin Chapter Executive Board, 1997-98.

REQUEST FOR SUGGESTIONS FOR 2023 ELECTED COMMITTEES

A Reminder

During the virtual Council meeting on August 25, Councilors will elect members to the Committee on Committees, Council Policy Committee, and Committee on Nominations and Elections to fill 2022-2024 terms. The process to select nominees for 2023-2025 terms will begin almost immediately. The Committee on Nominations and Elections therefore asks each Councilor to examine the following list of Elected Committee positions with terms ending on December 31, 2022, and the list of the other members of these committees. Names of individuals suggested for nomination should be inserted on the form on page 49. This form can be emailed to the Chair of the Committee: Dr. Amber S. Hinkle, nomelect@acs.org.

COMMITTEE ON COMMITTEES

Members of the Committee on Committees (ConC) whose terms end on December 31, 2022, are:

Lisa M. Balbes, St. Louis Section
D. Richard Cobb, Rochester Section
Emilio X. Esposito, Computers in Chemistry (Michigan State University Section)
Jason E. Ritchie, Ole Miss Section
Stephanie J. Watson, Maryland Section

D. Richard Cobb, Emilio X. Esposito, and Stephanie J. Watson are ineligible for reelection.

The other elected members serving on the Committee on Committees are:

Term ending December 31, 2023

Martha G. Holloman, Delaware Section
Diane Krone, North Jersey Section
Sarah M. Mullins, Minnesota Section
Andrea B. Twiss-Brooks, Chemical Information (Chicago Section)
Javier Vela, Ames Section

Term ending December 31, 2021

Rodney M. Bennett, Agrochemicals (North Carolina Section)
Susan V. Olesik, Analytical Chemistry (Columbus Section)
Donivan R. Porterfield, Central New Mexico Section
Susan M. Schelble, Colorado Section

ConC nominees for 2022-2024 terms are listed in this Council agenda under "Election to Committee on Committees." Names of those elected will be announced at that meeting. All are eligible for reelection.

COUNCIL POLICY COMMITTEE

Members of the Council Policy Committee whose terms end on December 31, 2022, are as follows:

Anne M. Gaffney, Catalysis Science & Technology (Idaho Section)
Lydia E.M. Hines, Kalamazoo
Will E. Lynch, Coastal Georgia
Sally B. Peters, Silicon Valley

Sally B. Peters is ineligible for reelection.

The other elected members serving on the Council Policy Committee are as follows:

Term ending December 31, 2023

Elizabeth M. Howson, North Jersey Section
Zaida C. Morlaes-Martinez, South Florida Section
Margaret Schooler, Delaware Section
Jeannette M. Van Emon, Agrochemicals (Southern Nevada Section)

Term ending December 31, 2021

Ella L. Davis, Philadelphia Section
Lissa Dulany, Georgia Section
Mark D. Frishberg, California
Martin D. Rudd, Northeast Wisconsin Section

CPC nominees for the 2022-2024 term are listed in this Council agenda under "Election to Council Policy Committee." Names of those elected will be announced at that meeting. Ella L. Davis, Lissa Dulany, Mark D. Frishberg, and Martin D. Rudd are ineligible for reelection.

COMMITTEE ON NOMINATIONS AND ELECTIONS

The duties of the Council Policy Committee include "Nominating voting Councilors for membership on the Committee on Nominations and Elections..." Therefore, suggestions for candidates to serve on N&E will be forwarded to the CPC Subcommittee on Nominations for consideration.

Those members of the Committee on Nominations and Elections whose terms end on December 31, 2022, are as follows:

Michelle V. Buchanan, Analytical Chemistry (East Tennessee Section)
Alan B. Cooper, North Jersey Section
Alan A. Hazari, East Tennessee Section
Amber S. Hinkle, Greater Houston Section
Thomas H. Lane, Ex Officio (Midland Section)

Alan A. Hazari, Amber S. Hinkle, and Thomas H. Lane are ineligible for reelection.

The other elected members serving on the Committee on Nominations and Elections are:

Term ending December 31, 2023

Jetty L. Duffy-Matzner, Sioux Valley Section
Kevin J. Edgar, Cellulose and Renewable Materials (Virginia Blue Ridge Section)
Neil D. Jespersen, New York Section
Julianne M.D. Smist, Connecticut Valley Section
Linette M. Watkins, Virginia Section

Term ending December 31, 2021

Allison Aldridge, Chemical Society of Washington Section
Christopher J. Bannochie, Savannah River Section
Mary K. Engelman, Industrial & Engineering Chemistry (Northeast Tennessee Section)
Silvia Ronco, Inorganic Chemistry (Southern Arizona Section)
Frankie K. Wood-Black, Chemical Health and Safety (Northern Oklahoma Section)

N&E nominees for the 2022-2024 term are listed in this Council agenda, under "Election to Committee on Nominations and Elections." Names of those elected will be announced at that meeting. Mary K. Engelman is ineligible for reelection.



Dr. Amber S. Hinkle
nomelect@acs.org

Dear Dr. Hinkle:

I propose the following Councilors for consideration by the Committee on Nominations and Elections and the Council Policy Committee:

(Please Print)

COMMITTEE ON COMMITTEES (Councilors only)

Councilor Name _____

Local Section **or** Division Affiliation _____

Councilor Name _____

Local Section **or** Division Affiliation _____

COUNCIL POLICY COMMITTEE (Councilors only)

Councilor Name _____

Local Section **or** Division Affiliation _____

Councilor Name _____

Local Section **or** Division Affiliation _____

COMMITTEE ON NOMINATIONS AND ELECTIONS (Councilors only)

Councilor Name _____

Local Section **or** Division Affiliation _____

Councilor Name _____

Local Section **or** Division Affiliation _____

Sincerely,

(name)

(local section or division affiliation)

This form must be received by Dr. Hinkle no later than October 31, 2021

BALLOT COUNTS, PREVIOUS ELECTIONS

The Committee on Nominations and Elections regularly reports in the Council agenda the numerical results of balloting from elections at the previous meeting. The following tabulations give the numerical results of the balloting at the March 24, 2021, Virtual Council Meeting for selection of candidates for 2022 President-Elect. Also reported are the results of balloting (February 15, 2021) for the selection of candidates for Director from District I and for Director from District V for 2022-2024 terms. Nominees selected as the candidates are identified by an asterisk.

President-Elect, 2022^a

Nominee	1 st Round	2 nd Round	3 rd Round
Gerard Baillely	63	73	-
Anne M. Gaffney	50	-	-
*Judith C. Giordan	174	187	212
*John C. Warner	128	155	175

^a415 valid electronic ballots were cast, with 208 being the majority. The results of the first preference vote totals are shown in the 1st round column. No nominee attained a majority. Following the procedures approved by Council, second-preference votes were distributed in two subsequent rounds. Those marked with an asterisk (*) were declared elected as candidates.

District I^a

Nominee	1st Round	2nd Round	3rd Round
*D. Richard Cobb	8	11	13
Warren D. Hull, Jr.	3	-	-
*Katherine L. Lee	16	16	19
Gerald F. Parkin	5	5	-

District V^a

Nominee	1 st Round	2 nd Round	3 rd Round
*Lisa Balbes	9	12	20
Kenneth P. Fivizzani	8	-	-
*Joseph A. Heppert	9	12	14
Martin D. Rudd	10	11	-

^aThe results of the first preference vote totals are shown in the 1st round column. No nominee attained a majority. Following the procedures approved by Council, second-preference votes were distributed in two subsequent rounds. Those marked with an asterisk (*) were declared elected as candidates.

* Individuals selected as candidates

REPORT OF THE PRESIDENT

The past 18 months have been an unusual time for all of us because of the pandemic. Since my last report to you in March, I have continued to engage our members through various means that did not require in-person meetings. I am glad to report continued progress towards my presidential theme, "Growth, Collaboration, and Advocacy." Particular areas of emphasis include innovation, disciplinary growth, sustainability, industrial engagement, entrepreneurship, meetings and collaborations.

Innovation and Disciplinary Growth. From history, we know that innovation is the engine of growth for most organizations, including the chemistry enterprise. A major component of innovation is to seek emerging areas for research and to use them for new applications and opportunities. The ACS Committee on Science, the ACS webinar team, and I have collaborated on three webinars (Frontier Fridays) in May and June, featuring new innovative research. Three outstanding lectures have been given by Professors Zhenan Bao (Stanford) on "Skin-Inspired Organic Electronics), Amy Prieto (Colorado State) on "Lithium Ion Batteries: The Road to Sustainable Energy Storage", and Sir Fraser Stoddart (Northwestern, 2016 Nobel Laureate) on "Artificial Molecular Machines." All three webinars were highly successful with huge turnouts.

In collaboration with the Committee on Science, we have also organized a presidential symposium at ACS Fall 2021 Meeting on "New Frontiers and Opportunities for Chemistry." Thirty-five distinguished speakers have been invited to share their cutting-edge research in advanced materials, nanotechnology, reticular chemistry, catalysis, biomedical, electronics, environment, and sustainability. More details can be found at:

<https://www.acs.org/content/acs/en/about/president/acspresidents/acs-president-h-n-cheng/new-frontiers.html>

One important innovation area is **Sustainability**. I myself do research in this area (particularly involving agro-based materials and green polymer chemistry). I have given several talks involving sustainability and plan to continue doing so. At ACS Fall 2021 Meeting, I have designated four sustainability-related symposia as presidential recommended.

Industrial Engagement and Entrepreneurship. ACS industrial membership as percentage of the total ACS membership has been declining in the past 20 years. We also know that since the 1990s, some large U.S. corporations have decreased their emphasis on basic research, and many innovations are now happening in academic labs and startups.

I have been collaborating with ACS Industry Member Programs staff, the Divisions of Small Chemical Businesses (SCHB) and Business Development and Management (BMGT), and others to look at these issues. As we know at ACS (or any organization), the key issue is to make new members feel that they belong, and ACS provides value. The ACS Membership Division has piloted a program to enable members to connect with one another and continues to evaluate opportunities to foster collaboration, community, and partnership for people working in industry and start-ups.

Although academic labs and entrepreneurs generate a lot of innovations, only about 10% of start-ups in chemistry succeed. In a collaboration with SCHB, BMGT, ACS staff (cosponsored by Corporation Associates (CA) and Committee on Technician Affairs), we organized two successful ACS webinars in 2020 (business plan and funding). In July and August of this year, we have planned three more webinars on "Sole Proprietorship to Incorporation", "Intellectual Property", and "Organizing the Company." The instructors will be Jim Skinner, James Verdonik, Benji Jones, and Kenneth Sibley.

In another collaboration with SCHB, BMGT, Industrial & Engineering Chemistry Division and ACS staff (cosponsored by CA, Divisions of Agrochemicals, Biological Chemistry, Chemical Education, Colloid and Surface Chemistry, Medical Chemistry, Organic Chemistry, Professional Relations, and Younger Chemists Committee), we have organized a symposium at ACS Fall 2021 Meeting on "Innovation, Entrepreneurship, and Collaborations." We have assembled 45 speakers from industry, academia, and government. Two training sessions will be held on the essentials of management and entrepreneurship. There will be further sessions on corporate highlights, business success factors, funding, government agencies, and other topics. Through these means, we hope to enhance the collaborations among academia, industry, and government labs, and enhance the probability of success for entrepreneurs and managers.

Meetings and Collaborations. Because of COVID-19, I was unable to travel, but participated in many virtual meetings. I have continued to participate in periodic dialogues with international chapter colleagues, arranged by ACS staff and the International Activities Committee. Since mid-March, I also participated in the following: Green Chemistry & Engineering Conference, Northwest Regional Meeting, Council of Scientific Society Presidents Meeting, and Chemical Venture Conference. I gave talks at three local sections, two ACS committees, a meeting of ACS staff, and a meeting at USDA-Philadelphia research center. At ACS Fall 2021 Meeting in August, I have designated the following symposia as presidential or presidential recommended.

1. Innovation/Industrial Theme

- a. Innovation, Entrepreneurship, and Collaborations (PRES)
- b. New Frontiers and Opportunities for Chemistry (ComSci)
- c. Industrial Innovations in Polymer Science (POLY)
- d. Innovation Portfolio Management (BMGT)
- e. Moving Chemistry from Bench to Market (MEDI)

2. Sustainability Theme

- a. Decarbonizing the Chemical Enterprise (SCHB)
- b. Innovative Materials for Environment Sustainability (ENVR)
- c. Sustainability in Agriculture (AGRO)
- d. Sustainable Agriculture and Food Systems (ENVR)

3. Resilience Theme

- a. Resilience in Chemistry – Plenary Session (MPPG)
- b. Chemistry for Resilient Human Space Exploration (POLY)
- c. Leadership and Resiliency in the Global Chemistry Enterprise - Celebrating the 40th Anniversary of CACS (ENFL)

Thank you for your collaboration and input. Your help, advice, and suggestions are much appreciated. Let us continue to work together to champion chemistry!

H. N. Cheng

REPORT OF THE PRESIDENT-ELECT

Though we are not yet meeting as Council in person, the hybrid National Meeting in Atlanta brings us one step closer to coming together in person. I look forward to the day that we will gather in full. And, I am delighted that I will be able to see those of you who have chosen to come to Atlanta in person.

Even in the virtual world, so many committees, local sections, divisions, student groups, and others have continued to be active and engaged. Your commitment to ACS and the chemistry community are appreciated. ACS groups such as the Division of Small Chemical Businesses, continue to meet virtually every week, providing our membership with a great way to connect with one another from week to week, with participants ranging from chemists in small businesses to students and university faculty from across the globe, covering informative topics, sharing advice and experience, and networking. It is certainly one of the highlights of my week. The ACS webinar program continues to offer superb programming with significant participation – I enjoyed the opportunity to serve as moderator for the webinar entitled “Solving the Plastics Problem through Chemistry: Federal Research and Technology Programs” that was organized by Teresa Fryberger and Young-Shin Jun, from the ACS Committee on Science, as well as the outstanding ACS Webinar Team, with 648 people attending, reaching approximately a thousand people including the video viewings.

I participated in the 25th Annual Green Chemistry & Engineering Conference in June. This meeting continues to grow, and truly, covers so many different topics, that it is a compelling meeting for any chemical scientist to attend. Particular thanks go to the ACS staff and leadership who enabled this meeting to continue in the virtual world, to the organizers, and to all of the sponsors, especially to the Gold Sponsors – the ACS Green Chemistry Institute Pharmaceutical Roundtable, Millipore Sigma, and Agilent Technologies. Your sponsorship is so vital.

In April, I was delighted to participate in the ACS Student Chapter Awards Ceremony, celebrating the accomplishments of the 2019-2020 award winners. This celebration was truly an international event, honoring student chapters and led by student representatives from across the globe. I was impressed by the dedication and continued motivation and resourcefulness of our student chapters, and enjoyed the opportunity to engage with our student members at the celebrations held after the ceremony. Our students are an incredible inspiration.

Over the past months, I have continued conversations with ACS staff, committees, divisions, and others, as well as in my role as a member of the ACS Board of Directors about 2022 and beyond, planning for the future of ACS. I have visited local sections including the Central Texas Section, to celebrate their annual awards in May, the Dallas-Fort Worth Section to discuss the ACS strategic plan, and a combined meeting of the California, Portland, and Puget Sound sections to talk about diversity, equity, inclusion, and respect. At this later meeting, the topic of hidden disabilities (and, as was noted – not to hidden disabilities) was mentioned. This is a very important topic – one that is often not addressed - and a conversation that should be continued. At the Northwest Regional Meeting (NORM), I participated in the Senior Chemists Breakfast.

My virtual international travels have spanned the globe. Two virtual trips to note, in March, I visited India again, speaking at the World Chemistry Conference and Association of Chemistry Teachers on the “Symbiotic Relationship between Chemical Education, Research, and the Chemistry Industry”. In May, I participated in the Hungarian Chemical Society OTDK Conference, a conference for high school, undergraduate, and graduate students in Hungary. There, the organizers interviewed several leaders of chemical societies from around the world about the future of chemistry, societies, science, and careers. For those who may have interest, my interview is on YouTube: (<https://www.youtube.com/watch?v=m4dvGYjg8Q>).

In April, along with the ACS Government Affairs, Outreach & Alliances staff and members of the ACS Board of Directors, I participated in the ACS Legislative Summit, visiting (virtually) legislative offices to discuss a range of scientific issues and opportunities. The discussions were refreshing. It was clear that there is bipartisan realization that greater investments in science are vital to the future. At present, there is much science legislation that has been passed or is under discussion by the Senate and House on STEM education and training, science priorities, tech transfer, technology hubs, NSF of the Future, and so much more. We will see what happens in terms of appropriations, which are expected to take more time. It is also exciting to see a number of our members nominated for key legislative posts, including fellow physical chemist and ACS Priestly Medalist Geraldine Richmond, nominated to be Undersecretary for Science and Energy at the Department of Energy. Congratulations to all of the ACS nominees! Even with the positive bipartisan legislation, the process is not complete – and it is a process that is repeated annually. Our collective voices are so important in terms of supporting the future of chemistry and science, regardless of your current or prior work sector. I encourage you to view the June 30, 2021 ACS Webinar on “Chemistry on Capitol Hill; 2021 Emerging Policies” and *Chemical & Engineering News* for stories on ‘NSF of the Future’ for more information on some of the legislative actions.

In preparation for 2022, I'm having discussions with ACS staff, the ACS Board of Directors, and others, about activities for my presidential initiatives. For the ACS Spring 2022 Meeting, there will be a number of particularly excited sponsored symposia including the “Bonding in Proteins” symposia, which is the 2022 Graduate Student Symposium, in honor of the late Professor Ronald Breslow, and organized by graduate students from Purdue University, tying into the meeting theme of *Bonding through Chemistry*.

In closing, I am happy to meet with your sections, divisions, and committees, as well as participate in meetings and events. Feel free to reach out to me at a.wilson@acs.org

I wish all of you the very best, and look forward to the opportunity to meet in person in San Diego, if not sooner.

Angela K. Wilson

REPORT OF THE IMMEDIATE PAST PRESIDENT

2021 is turning out to be much better than 2020 in terms of the pandemic but we are still living with some degree of uncertainty, mainly due to the frequent appearance of viral mutants that are much more contagious than previous strains. Regardless, the country is moving forward as more people get vaccinated, yet the question remains if the vaccination rate will be kinetically competitive with the spread of the virus to stop the rampant spread of COVID-19, let's all hope that it does.

Here are some of the activities that I have been involved with on behalf of the ACS since the last written report to the Council. The Presidential Succession published an essay on international science collaboration as a **Special Topic: International Chemistry for a Sustainable Society** in Volume 8, Issue 5 of NSR (<https://academic.oup.com/nsr/issue/8/5>), a very interesting article, in my opinion. Another thing that I did, together with President Cheng, was to record what I believe was the first-ever ACS Awards Ceremony that was held totally virtually during the spring online meeting. This was a rather complex endeavor since we recorded the pieces separately from each other, not live as it would have happened if it had been held in person. Nevertheless, it proceeded very well thanks to the hard work of the ACS technical staff.

I was also involved in the organization and celebration of a workshop about "Running for Public Office" during the spring meeting, which went really well and helped interested chemists and chemical engineers learn more about the details of how to go about running for public office, which is not an easy enterprise. The panel members did a fantastic job identifying the pitfalls and efforts needed to succeed in a political environment.

There are many upcoming events in which I am expected to participate on behalf of the ACS during the rest of 2021, starting with my participation in a symposium to honor my late good friend Bob Lichter during the fall national meeting, followed by my participation in the AISES conference in September, my participation as a plenary speaker in the CLAQ (Congreso Latinoamericano de Asociaciones Químicas) Conference in Cartagena, Colombia, and my participation as Banquet Speaker at the Rocky Mountain Regional Meeting in October. I also plan to participate in the SERMACS meeting in November.

Perhaps my most anticipated event for this year is the LEADS Conference (Lasting Encounters between Aspiring and Distinguished Scientists) that will be held in Washington, DC on November 4-6. Details about this conference can easily be found on the ACS website, where it has been advertised extensively.

I have also been invited and plan to participate as a plenary speaker in the 1st Gulf Chemistry Association International Conference and Exhibition on Nov. 16-18 in Bahrain. Finally, I am a symposium organizer for Pacifichem, which will be held in Honolulu in December. So if the pandemic and virus permit it, I will be reasonably busy the rest of 2021 on behalf of the ACS.

Luis Echegoyen

REPORT OF THE CHAIR OF THE BOARD OF DIRECTORS

Fellow Councilors:

A report on the actions taken by the Board at its March and June meetings is included elsewhere in the Council agenda. I would like to highlight some items that continue to be at the forefront of the Board's discussions. It is a privilege to work with my Board colleagues, fellow Councilors, and the ACS staff to address these challenges and to shape appropriate solutions.

Diversity, Equity, Inclusion and Respect (DEIR)

As I have reported previously here, the Board of Directors continues to focus on ways to turn the ACS Core Value of Diversity, Equity, Inclusion, and Respect into a prioritized action plan. The expectation was that the Board would not develop a plan entirely on its own, and I am pleased to report that this summer I participated as an 'active listener' in a three-part DEIR workshop with representatives of the Board, the DEIR Advisory Board, the Executive Leadership Team, and some other members across the Society. This was a time-intensive process addressing a key Societal priority, and we owe significant thanks to the volunteers and staff who were workshop planners and attendees. Progress was made and I feel good about the work that was accomplished. We moved toward action items, but more work remains as the workshop stayed at a fairly high level. Everyone recognizes that it is key to follow up on the workshop and keep a sustained focus on advancing DEIR within and outside of ACS. In my mind, the ultimate goal to ensuring that ACS has a clear path forward is the development of actionable recommendations for how we better make ACS the professional home for ALL chemists, how ACS can be more accessible in terms of both mobility and involvement, and empowering governance entities to make necessary changes to advance DEIR. If you have not already done so, I invite you to read my [ACS Comment in the June 26 issue of C&EN](#).

COVID: Meeting and working in a virtual world

It was largely coincidental - but now opportune and timely - that the Board appointed a Task Force on Future Meetings prior to the pandemic. The task force was encouraged to focus on optimal meeting models for 2030 and beyond and charged with considering how best to meet the anticipated future meeting needs of the membership while maintaining sustainability. In June, the Board heard a final report from the task force, which grouped its recommendations around the themes of hybrid platforms and programming, regional meetings, member experience, expositions, and career development at meetings. The recommendations will be referred to the appropriate ACS entities, including staff.

Like the rest of ACS governance, the Board has been meeting virtually for its executive sessions, and occasionally gathering virtually for informal networking and socializing. Many of us miss the in-person opportunities of our "pre-COVID" meetings, and we have adapted well to virtual or hybrid meeting formats. The Board was pleased to reaffirm in May that the ACS Fall 2021 Meeting in Atlanta would be a true hybrid meeting. It is important for ACS to listen to its members' voices. With nearly 50% of papers elected to be presented in person, and the ability to safely conduct a limited in-person meeting for the first time since the start of the pandemic, it is clear ACS members are eager to gather in person in a safe way to share their science.

For those who will be in Atlanta, ACS is making a special effort to engage the local community through enhanced chemistry outreach activities. These efforts will have a special focus on students from underrepresented populations. The outreach will have two goals: to increase awareness, excitement and understanding of chemistry, and to attract greater diversity to the STEM (science, technology, engineering and math) pipeline and the chemistry enterprise.

On a final note, although the Board executive sessions will take place virtually August 20 and 28, the Board will be well represented on site in Atlanta. Plans are underway to conduct the Board Regular ("Open") Meeting as a true hybrid meeting in Atlanta on Monday, August 23. Some of us will be in the room and other attendees brought into the room remotely. More information will be sent as soon as details are confirmed.

Paul W. Jagodzinski

**BOARD CHAIR'S REPORT
OF THE EXECUTIVE SESSION
ACTIONS AND DISCUSSION ITEMS
March 19 & 26, 2021**

The ACS Board of Directors met virtually in Executive Session on March 19 and March 26, 2021 and considered a number of key strategic issues and responded with numerous actions. The Board opened its session with a reflection on Diversity, Equity, Inclusion and Respect (DEIR), led by Dorothy Phillips.

The Board's Committees

The Board received and discussed reports from its committees on Executive Compensation and on Professional and Member Relations, the Joint Board-Council Committee on Publications, the Highly Effective Professionals Team, and the Task Force on Future Meetings. Some of these committees requested and obtained Board action on one or more items, as follows.

- The Board received an extensive briefing and approved several recommendations from its Committee on Executive Compensation. The compensation of the Society's executive staff continues to be reviewed regularly by the Board.
- On recommendations of the Joint Board-Council Committee on Publications, the Board voted to approve the reappointments of Editors-in-Chief for several ACS journals. Those appointments will be announced in C&EN once the individuals have been notified and appropriate arrangements for their continued service have been made.
- On recommendations of the Committee on Professional and Member Relations, the Board approved a Society nominee for the 2022 Othmer Gold Medal, as well as the Committee's screened lists of five nominees each for the 2022 Priestley Medal and the 2022 Award for Volunteer Service to the ACS. The Board will select the recipients of these latter two awards from the screened lists provided.

The Chief Executive Officer's Report

The Board received an extensive report from the Chief Executive Officer on items related to the DEIR workstream initiatives for the staff, Society, and the Chemistry Enterprise; Membership 2.0 milestones; ACS financials; and other activities and events. His direct reports then engaged in discussions with the Board on the activities, opportunities and challenges of the Chemical Abstracts Service (CAS) and the ACS Publications Division.

ACS Fall 2021 Meeting Format

The Board adopted a resolution authorizing the Society to proceed with plans to hold a hybrid ACS Fall 2021 Meeting & Exposition in Atlanta, Georgia, scheduling as much of the in-person portion of the meeting at or around the fourth week of August, 2021, as originally planned. The announcement of the decision and related communications will begin early in the week of March 28, 2021.

Confirmation of Council Actions

As proscribed in the Standing Rules, the Board confirmed the Council's approval of the Petition to Harmonize Committee Structures, Processes and Terms and the Petition to Amend the Duties of the Committee on Local Section Activities.

Other Society Business

The Board heard reports from the Presidential Succession on their current and planned activities for 2021 and 2022.

Board Resolutions

The Board approved a resolution in memory of former Board member George M. Bodner, who passed away March 19, and a resolution recognizing the service of Kate Fryer, Executive Vice President of Membership and Society Programs, who is departing ACS to pursue a new career advancement opportunity.

**BOARD CHAIR'S REPORT
OF THE EXECUTIVE SESSION
ACTIONS AND DISCUSSION ITEMS
June 4-5, 2021**

The ACS Board of Directors met virtually in Executive Session June 4-5, 2021, during which it considered several key strategic issues and, in response, took the following actions.

The Chief Executive Officer Report

The Board received an extensive report from the CEO on issues relating to Diversity, Equity Inclusion, and Respect (DEIR) as a core value of the Society; on ACS Membership; ACS Fall 2021 Meeting in Atlanta; and other upcoming events and activities. His direct reports, including the new Vice President for DEIR and the Treasurer and CFO, also engaged in discussions with the Board concerning DEIR and ACS financial performance.

The Board's Committees and Task Forces

The Board heard and discussed reports from the Governing Board for Publishing, the committees on Professional and Member Relations, on Pensions and Investments, the Task Force on Future Meetings, and from the Committee on Women Chemists. The highlights of those reports were as follows.

- During the Governing Board for Publishing report, the Presidents of the ACS Publications Division and CAS (Chemical Abstracts Service) provided presentations on the activities, opportunities, and challenges of the respective divisions.
- The Committee on Professional and Member Relations shared with the Board the names of the recipients of the 2022 Award for Volunteer Service to the ACS and the 2022 Priestley Medal.
- The Board heard a final report from the Task Force on Future Meetings, which was charged with considering how best to meet the anticipated future [meeting] needs of the membership while maintaining sustainability. The task force was encouraged to focus on optimal meeting models for 2030 and beyond. The recommendations were grouped around the themes of hybrid platforms and programming, regional meetings, member experience, expositions, and career development at meetings. The Board thanked the co-chairs and members of the task, and supported the request of the task force that the recommendations now be referred to the appropriate ACS entities, including staff.
- On the recommendation of the Society Committee on Women Chemists, the Board approved the submission of several nominees to the US Mint for consideration in the redesign and issue of quarter-dollar coins that feature designs emblematic of the accomplishments of prominent American women.

Other Society Business

The Board approved the list of Petroleum Research Fund (PRF) Grant recommendations as submitted by the Committee on the ACS Petroleum Research Fund.

As is customary, the Board heard reports from the three members of the Presidential Succession on current and planned activities for this year. Due to the negative impacts of the COVID-19 pandemic, many programs, travel, and other activities have been cancelled, curtailed, or postponed. Alternative plans and arrangements such as virtual meetings and activities were announced.

The Board continued a previous discussion on its representation and participation at Regional Meetings, specifically on engagement activities and the benefits of working with Regional Meeting boards and organizers during the initial stages of planning to determine what would most help with their established programs and activities. The Board Chair summarized his meeting with the Regional Meeting Subcommittee of the Committee on Meetings and Expositions, where he shared the results of the Board's discussion. The Board looks forward to continued dialogue with regional meeting organizers in the coming months and at the ACS Leadership Institute (January 2022).

The Board approved several amendments to the Society Regulations presented by the ACS Secretary and General Counsel to conform with the recent Petition to Harmonize Committee Structures approved by Council on March 24, 2021. This petition simplified and standardized numerous aspects of the various committees reporting in whole or in part to the Council.

The Board approved funding to cosponsor the Tenth Malta Conference to be held in the Republic of Malta December 5-10, 2021.

The Board earmarked a \$2M distribution to be allocated for the benefit of membership and programs such as ACS Scholars.

The Board offered resolutions to mark the recent passing of ACS Past Presidents Helen M. Free (1993) and Daryle H. Busch (2000), and to note the retirement of Martha Lester, Vice President for Strategy Development, for her 34 years of service to the Society.

Paul W. Jagodzinski

REPORT OF THE CHIEF EXECUTIVE OFFICER

Diversity, Equity, Inclusion and Respect

The Office of Diversity, Equity, Inclusion and Respect (DEIR) has hit the ground running since its inception in March 2021, under the leadership of Raj Mukhopadhyay. The Office has worked to foster a more inclusive culture among ACS employees. One example includes the formation of Affinity Groups among ACS staff, spearheaded by Racquel Jemison. The groups are scheduled to launch during July. Foundational DEIR learning is scheduled for all staff through a training course called ‘Foundations of an Inclusive Culture’.

Beyond these staff DEIR activities, a three-part DEIR workshop was recently completed involving representatives of the ACS Board, the DEIR Advisory Board and the ELT, as well as a handful of other members from across the Society. In addition to these ‘active participants’, Raj, Board Chair Paul Jagodzinski, Communications VP Sue Morrissey, DEIR Advisory Board Chair Natalie LaFranzo, and I were designated as ‘active listeners’. The workshop design team has diligently ensured ACS gets the most out of these workshops. Working with District II Director Chris Bodurow’s Board Working Group on DEIR, Raj and Natalie will incorporate the findings from the workshop series into the Society’s DEIR strategic plan.

Programs, Products and Services

We continue to adapt and advance our activities, being responsive to the needs and circumstances of those across the chemistry community. The following are just a few of the ways ACS is leveraging digital platforms and effective learning practices:

- The [ACS Institute](#), launched on May 4, 2021, presents a collection of curated learning, training, and development opportunities from ACS in one searchable and conveniently accessible online learning portal. The ACS Institute (institute.acs.org) provides learning opportunities for the broad chemistry community across the spectrum of learning – foundational education, career expertise, and professional development – organized by competencies, centers, subjects, and format.
- ACS Converge, a virtual industry-focused event, is being planned for October 5, 2021. Join interdisciplinary discussions on innovations leading the chemical industry and be inspired by the ways science can solve global problems.
- The ACS Virtual Project SEED Summer Camp launched on June 28, 2021, with over 360 high school students participating in a five-week program of webinars, small group discussions, and independent assignments. In addition, 28 students are participating in a Virtual Research Pilot program, working with over 19 mentors across 11 Project SEED sites. Students will present their work through a virtual poster session during the ACS Fall 2021 Meeting.
- The 2021 [U.S. National Chemistry Olympiad](#) (USNCO) Study Camp was held virtually. Twenty students participated in the 2-week program, which included both social and academic activities. A team of four students and two alternates was selected for the [International Chemistry Olympiad](#) competition held virtually July 24–August 2.

25th Annual Green Chemistry & Engineering Conference

The ACS Green Chemistry Institute delivered the 25th Annual Green Chemistry & Engineering (GC&E) Conference from June 14-18, 2021. The conference attracted 1,315 attendees from 54 countries who participated in daily keynote lectures, more than 40 oral and poster sessions, and numerous networking events. There were 1,100 unique logins to the Digitell platform, representing 83.1 percent of all registrants. This was still considered a great turnout as the general registration fee was \$75.00 and \$25.00

for students. During the conference, EPA Assistant Administrator Michal Freedhoff announced the winners of the 2021 Green Chemistry Challenge Awards. An in-person awards ceremony is being planned for October, in Washington.

Fall National Meeting

We are incorporating learnings from the GC&E conference, and our two virtual national meetings, into our preparations for our first-ever hybrid meeting in August. The in-person programming will take place in Atlanta and will follow all CDC and state guidelines for COVID, and we are creating a COVID protocol safety plan that will be shared with attendees, staff, vendors and venues. With over 7,000 abstract submissions, we are estimating 9,000 attendees in total via virtual platform and in-person. Registration for the ACS Fall 2021 meeting opened on June 28th and the fees are posted on the meeting website. Presenters will have the option to upload their conference materials to SciMeetings for an additional fee. Since ACS Spring 2021, SciMeetings has been the official archive and repository for all presenter abstracts. We will continue to offer a local payment option for our China audience.

Membership

Membership numbers are starting to recover from the effects of the pandemic, buoyed by those who have joined as Community Associates. As of the end of June 2021, ACS has over 152,000 members. The needs and circumstances of those across the chemistry community continue to inform plans for new membership packages to be offered in 2022. The [Schedule of Membership Toolkit](#) posted on the ACS Network includes answers to frequently asked questions, example use case personas, and the new package options and pricing. Future join and renewal frameworks are being put in place, enabling self-service and providing an enhanced customer experience.

Return to the Offices

As we look at the progress of pandemic response, mask mandates, social distancing and capacity restrictions have been lifted in the two major US cities where ACS offices are located. With these positive trends and relaxation of COVID-related restrictions, our plans to begin reopening our offices in Washington and Columbus are moving forward. Safety is guiding our plans and decision making across all of our locations. However, each specific location will tailor its plans to its particular circumstances and needs. We have opted for a phased approach to reopening allowing the organization to assess circumstances as society opens up more broadly and to adjust as may be needed. Generally, phase one is voluntary and only an option for those who have been fully vaccinated with an element of flexibility around in-office schedules. How and when we proceed with phase two will be determined by our experience through phase one coupled with broader societal trends and guidance from public health professionals. Similar approaches are being taken for our global locations.

In closing, I am pleased to report that the finances of the Society remain strong, and we are on track to achieve our five financial guidelines for the fourth consecutive year. Our performance was enhanced by continued strong contributions by CAS and ACS Publications and strong cost management across the Society.

Thomas M. Connelly, Jr.

DRAFT
MINUTES
COUNCIL POLICY COMMITTEE
AMERICAN CHEMICAL SOCIETY
Virtual
March 22, 2021

The Council Policy Committee (CPC) of the American Chemical Society met virtually on March 22, 2021, beginning at 11:00 a.m. ET. ACS President H. N. Cheng presided. Other voting members present were: CPC Vice-Chair Martin D. Rudd, Thomas M. Connelly, Jr., Ella L. Davis, Lissa Dulany, Mark D. Frishberg, Anne M. Gaffney, Lydia E.M. Hines, Elizabeth Howson, Will E. Lynch, Zaida C. Morales-Martinez, Sally B. Peters, Margaret J. Schooler, Jeanette M. Van Emon, and Angela Wilson. Flint H. Lewis served as Secretary.

The following chairs of Society, Elected, and Standing Committees of the Council, all non-voting members of CPC, attended all or portions of the meeting: Eric Bruton, Rick Ewing, Donna G. Friedman, Carmen Gauthier, William Greenlee, Amber S. Hinkle, Diane Krone, Brian M. Mathes, W. Matthew Reichert, and James M. Takacs. ACS Board Chair Paul Jagodzinski also attended. Several Councilors, ACS staff, and others were present as observers at various times during the meeting.

Report of the Subcommittee on Nominations

1. VOTED that the Council Policy Committee approve the list of potential candidates, as presented by the Subcommittee on Nominations, for election to the Committee on Nominations and Elections (N&E) for a 2022-2024 term.

2. VOTED to authorize the chair of the CPC Subcommittee on Nominations to confer with the chair of N&E to resolve duplications with names appearing on other Elected Committee slates.

Approval of Minutes

3. VOTED that the Council Policy Committee approve the minutes of the Council Policy Committee meetings on August 18, 2020, October 30, 2020, and February 16, 2021.

Report of Interim Actions

4. CPC 3-2020. VOTED to elect Dr. Martin D. Rudd as Vice-Chair of the Council Policy Committee for 2021.

Reports of Committee Chairs and Society Officers

The subgroup of CPC met to review all the oral reports and accompanying graphics by the President, President-Elect, Board Chair, Chief Executive Officer, and by the chairs of the Elected Committees: the Committees on Committees and on Nominations and Elections; the Society Committees: the Committees on Budget and Finance and on Education; Standing Committees: the Committees on Economic and Professional Affairs, Membership Affairs, Meetings and Expositions, Divisional Activities, Local Section Activities, and Constitution and Bylaws; and the Committee on Technician Affairs.

5. VOTED to approve all the officer and committee reports and their related visual graphics, as reviewed by a subgroup of CPC on Saturday, March 20, 2021, and to allow additional time for the reports of the President, President-Elect, Chief Executive Officer, and the following committees: Budget and Finance, Committees, Divisional Activities, Membership Affairs, and Meetings and Expositions.

By individual actions, CPC concurred with certain recommendations to be made to Council by the committees. These appear below and, as appropriate, in the record of the March 24, 2021 Council meeting. All references in these minutes to Council actions and reports relate to the March 24, 2021 meeting of the Council unless otherwise noted.

6. VOTED that the Council Policy Committee concurs with the Committee on Membership Affairs to approve the 2022 Schedule of Membership.

7. VOTED that the Council Policy Committee concurs with the Committee on Divisional Activities to approve the 2022 Transitional Allocation Formula for Division Distributions.

Dr. Amber Hinkle, Chair of N&E, offered a resolution that the standing rule that pertains to the selection of two candidates for President-Elect at the Spring 2021 Council meeting be conditionally suspended as follows: If in the determination of both the Chair of the Committee on Nominations and Elections and the ACS President, a significant number of Councilors are unable to participate in the Council meeting or the voting process due to external events beyond their control, including disasters or technology failures on a broad scale, election software failures, or any external cause prohibiting the real-time, accurate collection of a Councilor's vote the President and Chair may cancel the in-Council voting, or declare it null and void once started, at any time before they are made aware of the results of any voting that has been conducted, and order an alternative election by ballots made available to all voting Councilors immediately after the Council meeting..

8. VOTED to approve the resolution to conditionally suspend a Standing Rule under qualifying circumstances.

Report of the Council Policy Committee Vice-Chair

Dr. Rudd reported that he participated in the subgroup of CPC that reviewed all the reports and presentations before Council, and offered sincere thanks for the group's efforts and dedication of time. Dr. Rudd has been working with the Secretary's Office to create improvements to the virtual Council meetings, based upon the experience of the Fall 2020 Council meeting and input from various Councilors. He noted that as Vice Chair he has been actively involved in many of the preparations for virtual Council, and that CPC has had to meet more frequently due to the increase in virtual governance meetings. Dr. Rudd concluded by noting that several CPC subcommittees and working groups met, and they will report out on their activities.

Reports of Subcommittees and Working Groups

Report of the Subcommittee on Petitions, Constitution and Bylaws

Subcommittee chair Lissa Dulaney reported that the subcommittee met to determine recommendations for concurrence on the two petitions before Council. The Subcommittee recommended CPC's concurrence on the Committee on Local Section Activities' motion to approve the Petition to Amend the Duties of the Committee on Local Section Activities and the Committee on Committee's Petition to Harmonize Committee Structures, Processes, and Terms, as amended. As the amendment was voted on by the Committee on Committees after the petition was included in the Council Agenda, it was requested that CPC authorize the inclusion of the amendment.

9. VOTED to authorize the presentation of the Committee on Committee's petition, as amended, as a single motion.

10. VOTED that the Council Policy Committee concurs with the Committee on Committees recommendation that Council approve the Petition to Harmonize Committee Structures, Processes, and Terms, as amended.

11. VOTED that the Council Policy Committee concurs with the Committee on Local Section Activities recommendation that Council approve the Petition to Amend the Duties of the Committee on Local Section Activities.

Report of the CPC Subcommittee on Long-Range Planning

Subcommittee chair Mark Frishberg reported that the subcommittee met virtually on January 27 and February 18 to plan activities for the new Councilors and Alternate Councilors in preparation for the Spring Virtual Council Meeting. The Pre-Council Meeting Webinar for New Councilors was held on February 9. He noted the New Councilor Virtual Orientation & Networking Session was held on March 12 with a networking session that followed. ACS President H. N. Cheng gave remarks followed by presentations on “Getting Involved with ACS Committees” and “Elected Leadership Opportunities for ACS Councilors”.

Report of the CPC Working Group on Future Council Representation, and Report on the CPC Working Group on Future Structure of Virtual Council

Working Groups chair Martin Rudd reported that the two working groups of CPC had not met since the written reports were included in the CPC agenda. The Future Council Representation Working Group looked in detail at two models from the Committee on International Activities that offer significant advances to the way in which international members will be represented on Council. Both working groups will meet in the spring, after Council.

Schedule of Business Sessions

The following schedule of activities at the fall 2021 national meeting was presented to the Council Policy Committee:

Board of Directors:	Sunday, August 22
Council Policy Committee:	Tuesday, August 24
Council:	Wednesday, August 25

Society Committees: executive and open sessions to be set by each body, provided that at least one executive session be set prior to the Board of Directors meeting, and at least one open session be set prior to the Council meeting if the committee agenda contains any issue(s) to be voted upon at the Council meeting.

Standing Committees of the Council: executive and open sessions to be set by each committee, with the concurrence of the Committee on Committees, provided that at least one executive session be set no later than Tuesday morning, and at least one open session be set prior to the Council meeting if the committee agenda contains any issue(s) to be voted upon at the Council meeting.

Council Agenda

12. VOTED that the Council Policy Committee approve the Council Agenda for the March 24, 2021 meeting of the Council.

CPC and Council 2021 Budgets

ACS Secretary Flint Lewis reported on the CPC and Council budgets and explained the various categories of their expenditures.

New Business

There being no new business, the meeting was adjourned at 12:10 p.m. ET.

Flint H. Lewis
Secretary

**DRAFT
MINUTES
COUNCIL POLICY COMMITTEE
AMERICAN CHEMICAL SOCIETY
Virtual
May 13, 2021**

The Council Policy Committee (CPC) of the American Chemical Society met virtually on May 13, 2021, beginning at 3:30 p.m. ET. ACS President H. N. Cheng presided. Other voting members present were: CPC Vice-Chair Martin Rudd, Thomas M. Connelly, Jr., Ella L. Davis, Lissa Dulany, Mark D. Frishberg, Lydia E.M. Hines, Elizabeth Howson, Will E. Lynch, Zaida C. Morales-Martinez, Sally B. Peters, Margaret J. Schooler, Jeanette Van Emon and Angela Wilson. Flint H. Lewis served as Secretary.

The following chairs of Society Committees of the Council, all non-voting members of CPC, attended all or portions of the meeting: Eric Bruton, Rick Ewing, Donna G. Friedman, Carmen Gauthier, William Greenlee, Amber S. Hinkle, Diane Krone, W. Matthew Reichert, and James M. Takacs. Several ACS staff were present during the meeting.

Fall Meeting of Council

CPC Chair H. N. Cheng asked for discussion regarding the format, date, and rules for the Council Policy Committee and the Council Meeting for the Fall of 2021.

1. VOTED to approve that the meetings of the Council Policy Committee and the Council for the Fall of 2021 be conducted through virtual means.
2. VOTED to approve Special Rules for Conducting Virtual ACS Council Meetings (attached).
3. VOTED to approve that the meetings of the Council Policy Committee and Council be held on Monday, August 23 at 11:00 am and Wednesday, August 25 at 11:00 a.m. ET, respectively

Reimbursement of Councilors and Non-Councilors

The committee discussed the reimbursement of Councilors and Non-Councilors for their attendance at either the hybrid portion of the 2021 Fall Meeting (in-person) or the virtual portion.

4. VOTED to approve reimbursing Councilors and Non-Councilors directly for their virtual meeting registration fees, and to permit reimbursement through the Councilor and Non-Councilors Travel Reimbursement Programs for those traveling to Atlanta to attend the in-person portion of the technical meeting.

Council Special Discussion

Dr. Cheng suggested a Council Special Discussion to receive ideas and input from Councilors on how to address the declining involvement and membership of those employed in industry.

5. VOTED, on recommendation of the ACS President, to approve a Council Special Discussion on the following topic "Ideas to increase involvement and membership from business and industry."

Sample Council Agenda

Due to the adoption of the Petition to Harmonize Committee Structures, Processes, and Terms, all committees that report to Council are Society Committees. The structure and format of future Council agendas is therefore different than all previous agendas. A new sample Council Agenda was shown to the Council Policy Committee for their review.

There being no additional discussion, the meeting was adjourned at 5:07 p.m.

Flint H. Lewis
Secretary

Special Rules for Conducting Virtual ACS Council Meetings

- To ensure security of the meeting, all Councilors shall access the virtual Council meeting platform with their ACS Member Identification number. Councilors will need to log into two platforms, one for the virtual Council meeting and one to participate in secure voting. Should a Councilor feel they are unable to perform their duties for their Local Section or Division, a certified Alternate Councilor can attend and participate in their place. Councilors will be provided with multiple opportunities to participate in a mock virtual Council meeting and to practice their admission into the system to the Council meeting to ensure they are able to access the meeting without any technical or security issues. Councilors are also encouraged to log in at least one hour prior to the start of the virtual Council meeting
- The President of the Society will preside over the virtual Council, call on Committee Chairs for reports, and where appropriate, state motions and preside over voting.
- The Council Policy Committee Vice Chair will be the Moderator of the Council. The Moderator's role is to queue the Councilors who indicate they wish to speak, inform the President of the order of the queue, and inform the President if a Councilor has exceeded their speaking time.
- Councilors will be asked to raise their hands virtually should they wish to be acknowledged to speak. At all other times, all microphones will be muted by the meeting host except for the current speaker.
- Councilors who wish to speak, should keep their remarks or questions to 60 seconds. Councilors should begin speaking by stating their name and their affiliation as Councilor. The President may choose to end discussion on a particular topic should he feel a sufficient number of Councilors have addressed the issue before them.
- Committee Chairs will be asked to submit their oral reports and slides for review by CPC. It is recommended that Committees limit their oral reports to no more than two minutes, and incorporate graphics in their presentations.
- For voting on all motions and elections, Councilors will be asked to utilize the voting features provided by Lumi, the virtual Council software platform.

REPORT OF THE COMMITTEE ON COMMITTEES

The 2022 Chair recommendations of the Society Committees that report to Council were approved by the ACS President-Elect on May 25, 2021. These are the committees the President-Elect is responsible for approving and that become effective during their Presidential year. The appointment and reappointment of members, associates, and consultants for these committees will be approved by the President-Elect in November. The appointment and reappointment of chairs, members, associates, and consultants of the Society Committees, reporting to both Board and Council, will be approved jointly with the President-Elect and 2022 Board Chair (when identified) in mid-December.

Since the recommendations for Society Committee appointments and reappointments are approved later in the year, the Committee on Committees (ConC) has decided to suspend the practice of listing the names in the Council agenda of those committee members who are terming off (statutory limit) their assigned committee, along with the reading of the names during the virtual Fall Council Meeting.

Given the uncertainty of which committee members are terming off at the end of 2021, ConC cannot make an assumption that the recommendations for exemptions, based on the amendment to the Petition to Harmonize Committee Structures, Processes, and Terms, will be granted. ConC will work individually with each Society Committee Chair and staff liaison to establish a smooth transition plan with the new term format, along with suggestions for celebrating those individuals terming off the committee.

Once all the committee recommendations have been approved and everyone completing service has been notified, ConC is planning to list those members in the December issue of *Councilor News & Committee Alerts*. The listing of the Chairs who will have served the statutory limit or have otherwise completed their service will continue to be listed in the Fall Council agenda, along with the reading of the names during the virtual Fall Council Meeting.

Also, during the virtual Fall Council Meeting, ConC will seek Council approval on the recommendation for continuance of the Committee on Environmental Improvement; and seek approval from the Council on the recommendation from the Committee on Minority Affairs to amend their duties. The ultimate adoption of both recommendations is contingent on the approval by the Board of Directors.

Councilors and other interested members are invited to attend the ConC's virtual open meeting on July 30, 2021, from 2:30 p.m.-4:00 p.m. to offer their views on any topics on the agenda, or other matters of interest.

At its virtual closed executive meeting in August and September, ConC will receive reports and consider recommendations from its subcommittees on leadership development; committee systems and structure; diversity, equity, inclusion & respect, and the diversity & inclusion & respect project working group. ConC will also receive updates on scheduled performance reviews for the Committees on Analytical Reagents, Chemistry and Public Affairs, Chemists with Disabilities, Community Activities, Minority Affairs, Professional Training, Project SEED, Publications, Public Relations and Communications, Science, Women Chemists & Younger Chemists. ConC will also begin developing committee recommendations for all Society Committees for 2022.

Diane Krone, Chair

Lisa M. Balbes
Rodney M. Bennett
Andrea B. Twiss-Brooks
D. Richard Cobb
Emilio Xavier Esposito
Martha G. Hollomon
Sarah Mullins

Susan V. Olesik
Donivan R. Porterfield
Jason E. Ritchie
Susan M. Schelble
Javier Vela
Stephanie Watson
Angela K. Wilson

Staff Liaison: Alicia E. Harris

ORIGINAL

FOR COUNCIL ACTION

Petition to Amend the Duties of the Committee on Minority Affairs
(AMENDMENTS TO THE STANDING RULES)

Standing Rule VIII, Sec. 1, b, (9)

Petition

We, the voting members of the American Chemical Society Committee on Minority Affairs, hereby petition the Committee on Committees to amend the SOCIETY Standing Rules as follows (additions underlined; deletions ~~struck through~~):

STANDING RULE VIII
Duties of Committees

Sec. 1.

b. Duties of Committees that Report to both the Council and the Board of Directors

(9). Committee on Minority Affairs

The duties of this committee shall include the following, *inter alia*:

(a) oversee the SOCIETY's programs devoted or related to ~~minority~~ issues regarding underrepresented and marginalized groups in the chemical sciences;

(b) develop a long-range plan to ensure increased participation of minority chemical professionals from underrepresented and marginalized groups in the profession and in the SOCIETY at all levels;

(c) study and make recommendations on the current status of ~~minorities~~ underrepresented and marginalized groups in the SOCIETY and in the chemical sciences;

(d) promote and recognize the professional accomplishments of ~~minorities~~ people with underrepresented and marginalized identities in the chemical sciences and in the SOCIETY; ~~and~~

(e) increase the interest of ~~minority~~ chemical professionals with underrepresented and marginalized identities in the work of the SOCIETY; ~~and~~

(f) study the impact of the SOCIETY's activities on diversity, equity, inclusion, and respect on underrepresented and marginalized groups and provide impact statements and recommendations to the Council and the Board of Directors.

Explanation

The American Chemical Society's Committee on Minority Affairs (CMA) seeks to amend the committee's duties that are in the Standing Rules, to reflect more current and inclusive terminology. In particular, CMA seeks to change the language from "minority" to "underrepresented and marginalized groups" or "people with underrepresented and marginalized identities".

Additionally, the Society has included in its most recent strategic plan the core value and strategic goal on "Diversity, Equity, Inclusion, and Respect". To that end, CMA recognizes the need to implement a standing and sustainable framework to study and give an impact statement to the Council and Board of Directors on the potential unforeseen consequences or desirable benefits of future proposed changes to its activities, governance structure, and procedures. This petition intends to ensure consistency between the ACS Core Values, the Society's Strategic Plan, and the Standing Rules.

RECOGNITION OF SERVICE
Council Meeting, August 25, 2021

As noted in the Committee on Committees report in this agenda: Since the recommendations for Society Committee appointments and reappointments are approved later in the year, the Committee on Committees (ConC) has decided to suspend the practice of listing the names in the Council agenda of those committee members who are terming off (statutory limit) their assigned committee, along with the reading of the names during the virtual Fall Council Meeting.

The following committee chairs have served the statutory limit on the committee they chair in 2021:

Kirk P. Hunter	Chemical Safety
Holly L. Davis	Community Activities
Donna G. Friedman	Constitution and Bylaws
James M. Takacs	Divisional Activities
Christopher W. Avery	Environmental Improvement
Brian M. Mathes	Membership Activities
Kishore K. Bagga	Minority Affairs
Michelle M. Rogers	Nomenclature, Terminology and Symbols
Amber S. Hinkle	Nominations and Elections
Kerry K. Karukstis	Professional Training
Amber F. Charlebois	Public Relations and Communications
Jerry Klosin	Publications
Martin G. Kociolek	Science
Arlene A. Garrison	Senior Chemists
Jennifer L. McCulley	Technician Affairs

Recognition of Council members for years of service on the ACS Council:

Fifteen (15) Years

Bruce Bursten	Ex Officio	(2007-2021)
H. N. Cheng	Ex Officio	(2020-2021)
	Polymer Chemistry	(2004-2012)
	Delaware	(2000-2003)
Gary D. Christian	Puget Sound	(2006-2017; 2019-2021)
Marilyn Duerst	Minnesota	(2007-2021)
Roger Egolf	History of Chemistry	(2011-2021)
	Lehigh Valley	(2011-2021)
Carmen Gauthier	Florida	(2007-2021)
John Gavenonis	Delaware	(2007-2021)
Milt Levenberg	Chicago	(2007-2021)
Michael Miller	North Jersey	(2007-2021)
Kim Morehouse	Chem Society of Washington	(2007-2021)
L. Kraig Steffen	Western Connecticut	(2005-2007; 2010-2021)
Sanda P. Sun	Orange County	(2007-2021)
Mark Thomson	Western Michigan	(2007-2021)

Recognition of Council members for years of service on the ACS Council continued:

Twenty (20) Years

D. Richard Cobb	Rochester Chemical Technicians	(1999-2003; 2008-2021) (2007-2009)
Alan M. Ehrlich	Chemistry & The Law	(2002-2021)
Hoffman, Morton Z.	Northeastern	(1997-1998; 2003-2017; 2019-2021)
Russell W. Johnson	Chicago	(2015-2021; 2001-2013)
James M. Landis	Detroit	(2001-2021)
Flint H. Lewis	Ex Officio	(2002-2021)
Jason E. Ritchie	Ole Miss	(2002-2021)
Diane Grob Schmidt	Ex Officio	(2014-2021; 2002-2010)
	Professional Relations	(2012-2013)
	Chemical Health & Safety	(2001)
Michael Singer	Northeastern	(1998-2001; 2005-2019; 2021)

Twenty-Five (25) Years

Richard S. Danchik	Pittsburgh	(1992; 1997-2018; 2020-2021)
Lissa Dulany	Georgia	(1997-2020)
	Bylaw	(2018; 2021)
Kevin J. Edgar	Cellulose & Renewable Materials	(2008-2021)
	Northeast Tennessee	(1997-2007)
Alan W. Elzerman	Environmental Chemistry	(1997-2021)
Wayne E. Jones, Jr.	Ex Officio	(2018-2021)
	Binghamton	(1997-2017)
Peter Zarras	Mojave Desert	(1997-2021)

Thirty (30) Years

V. Dean Adams	Environmental	(1992-2021)
Neil D. Jespersen	New York	(2014-2021; 1991-2009)
	Ex Officio	(2010-2012)
Bonnie Lawlor	Chemical Information	(1992-2021)

Thirty-Five (35) Years

Mamie W. Moy	Greater Houston	(1989-2021; 1982-1983)
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Forty (40) Years

E. Ann Nalley	Ex Officio	(2005-2021; 1997-2003)
	Wichita Falls-Duncan	(1981-1997)

Forty-Five (45) Years

Paul H.L. Walter	Ex Officio	(1991-2021)
	Eastern New York	(1977-1990)
John A. Whittle	Sabine-Neches	(1977-2021)

REPORT OF THE COMMITTEE ON NOMINATIONS AND ELECTIONS

During its spring virtual meeting, the Committee on Nominations and Elections (N&E) approved a statement on Diversity, Equity, Inclusion, and Respect, especially in the context of its responsibility on behalf of Council to identify nominees and candidates for national office from diverse backgrounds, experiences, and perspectives.

The committee also developed slates of potential candidates for election to the Committee on Committees (ConC) and the Council Policy Committee (CPC) for 2022-2024. The Council Policy Committee developed the slate of candidates for election to N&E. Information about the candidates and the elections appears in the Council agenda. At the fall Council meeting, Councilors will be asked to select members for the three Elected Committees of Council. N&E will formally announce the names of the candidates, and their photos will be shown on screen to assist Councilors with name recognition prior to voting.

The Town Hall for the nominees for President-Elect 2022 was conducted virtually on March 23, 2021, one day before the spring Council meeting. Based on input and suggestions received by Councilors who attended the spring 2020 Town Hall, also conducted virtually, the committee agreed that it is crucial for Councilors to have an opportunity to ask questions of the nominees prior to the Council meeting. Many favorable comments were received from both the nominees and Councilors.

Prior to the submission of this report, N&E received notice that the ACS Fall 2021 meeting would be a hybrid meeting, and that governance meetings and related activities would be held by virtual means. Accordingly, the committee will conduct a virtual Town Hall on September 21 for all voting Councilors to hear from the candidates running for Director-at-Large 2022-2024. Balloting for national elections is set to begin September 27. Also, as is customary at the fall national meetings, arrangements will be made for members to virtually ‘meet and greet’ the candidates for ACS President-Elect 2022 during the week of September 20. Additional information for these two events will be sent to all Councilors and widely advertised to the membership when details become available.

While in executive session during its fall virtual meeting, the committee will receive reports or updates from its subcommittees on Standing Rules, N&E Operational Guidelines, and Nominations Processes. The committee will also develop slates of potential candidates for President-Elect, 2023; Directors-at-Large, 2023- 2025; and Directors, Districts II and IV, 2023-2025.

N&E welcomes suggestions from Councilors of names of qualified members as potential candidates, with supporting rationale, for all elected ACS offices. Please send an email with your suggestions to nomelect@acs.org.

Amber S. Hinkle, Chair

Allison Aldridge
Christopher J. Bannochie
Michelle V. Buchanan
Alan B. Cooper
Jetty L. Duffy-Matzner
Kevin J. Edgar
Mary K. Engelman

Alan A. Hazari
Neil D. Jespersen
Thomas H. Lane
Silvia Ronco
Julianne M.D. Smist
Lynette M. Watkins
Frankie K. Wood-Black

Staff Liaison: Flint H. Lewis

2021 Special Discussion

Ideas to increase involvement and membership from business and industry

In 2019, Council shared their thoughts on improving the value proposition for ACS. At a high level, this feedback could be categorized into three areas:

1. Personalized value
2. Cost of membership
3. Flexibility of membership

Afterwards, Council approved packages that will provide members with alternative options in 2022. Many volunteers and staff are working to increase the value of Society membership.

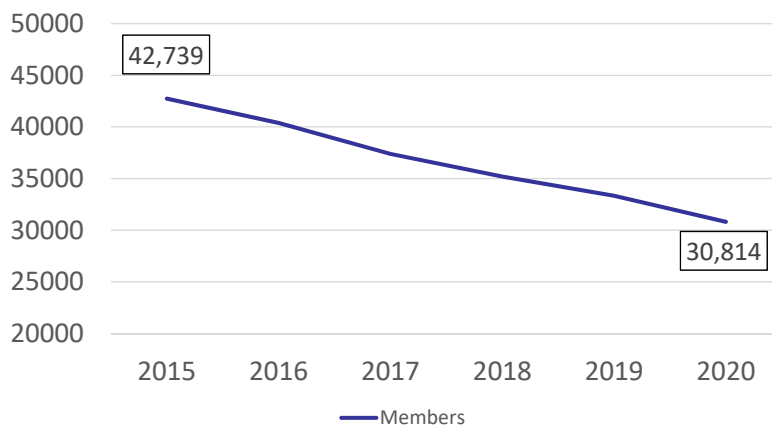
During this special discussion, Councilors will have the opportunity to continue the conversation. Councilors are asked to share their ideas for improving the value that ACS provides to its industrial and business members. Additionally, thoughts on encouraging academic inventors, entrepreneurs and supporting start-ups are also requested.

Prior to the Council meeting, Councilors are asked to engage with ACS members from their local sections or divisions and to bring that input to the Council discussion.

Special Discussion: Ideas for increasing industry members by providing greater value

ACS Industry Membership Data

Industrial Members



Why do industry members leave?

1. Value
2. Cost

ACS Industry Offerings



Advance



ACS Career Navigator
Chemistry for Life®

ACS
Chemistry for Life®
HEROES of CHEMISTRY

ACS Awards
Chemistry for Life®

ACS Project SEED
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ACS Scholars
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ACS Publications
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ACS Webinars

Connect

ACS Technical Divisions
Chemistry for Life®

ACS Local Sections
Chemistry for Life®

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Everyday Chemistry

ACS Roundtables
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ACS Summits
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American Chemical Society

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Today's Special Discussion

Question 1

How can we improve the value that ACS provides to its industrial and business members?

Question 2

How can we encourage academic inventors and entrepreneurs and support start-ups?

To share your thoughts, please indicate you wish to be recognized within the Speaking Queue. When you are called upon, please raise your hand in Zoom and you will be prompted to unmute your microphone.

If you do not have a chance to speak at today's meeting, we still want to hear from you – please email us on this topic at engage@acs.org

American Chemical Society

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A. Economic and Professional Affairs

The Committee on Economic and Professional Affairs (CEPA) continues to evaluate and implement the portfolio of career-related programs, products, and services to ensure balance and alignment with members' needs. CEPA continues to monitor and evaluate the current state of employment for ACS members sharing this data at ACS local, regional and national levels.

Acting on the strategic plan established in 2017, CEPA has continued to focus on identifying, supporting, delivering, and evaluating, relevant programs; improving, updating, developing, curating and disseminating relevant policies and codes of conduct; and recommending, developing and evaluating critical resources and services to support members.

In 2020, in response to COVID, CEPA brought many of its services online, expanded offerings, and developed new services. Those efforts have continued. Since the Spring 2021 National Meeting,:

- 51 Personal Career Consultations have taken place since April 2021.
- Virtual Office Hours (VOH) sessions for Members continue to occur on a weekly basis. We have reached 83 Members since April 2021.
- One Virtual Career Day has taken place since April 2021. This event, focused on Industry Members, took place April 24th and had 107 attendees.
- The first ACS international Career Consultant has been onboarded (via the Global Career Consultant Program), and the first GCCP Consultation took place (with an ACS Member based in India) in May, 2021.
- CEPA finalized a Mass Layoff Communication Plan for Members that have lost their jobs. The plan, created in June 2020, is currently being finalized by CEPA leadership.
- The Career Pathways courses are being reviewed. This review should be complete in Spring of 2022.
- CEPA voted to approve the 10th version of the Professional Employment Guidelines (PEG) be brought before Council for approval. (See attached)

CEPA continues to meet as a full committee between National Meetings. The CEPA Summer Quarterly Meeting took place June 26, 2021. CEPA will update its strategic plan in 2022, and has received approval from the ACS Secretary & General Counsel for the funding of this strategic planning retreat. Also, CEPA is forming a Working Group to create a plan for return to in-person, hybrid and virtual career programming.

Eric Bruton, Chair

Thomas Beattie
Penny Beuning
Eric Bruton
Allen Clauss
Ellene Contis
Lawrence Dennis
Gregory Ferrence
Matthew Greaney

Allen Jones
Rabin Lai
Jim Landis
Christine McInnis
Robbie Montgomery
Richard Mullins
Ruth Tanner

Associates

Arindam Bose
John Gavenonis
Silvia Jurisson
Amanda K Peterson Mann
Bhaskar Venepalli

Staff Liaison: Tom Halleran

FOR COUNCIL ACTION

Professional Employment Guidelines

~~10TH 9TH~~-EDITION Foreword

This is the ~~NINTH-TENTH~~ EDITION of the Professional Employment Guidelines of the American Chemical Society (ACS). These Guidelines were prepared by the Council Committee on Economic and Professional Affairs, approved by the Council and adopted by the Board of Directors. Previous editions were adopted by the Society in 1975, 1978, 1983, 1988, 1993, 1998, 2004, ~~and-2008,~~ and 2014.

The Guidelines offer a broad spectrum of recommended practices in employment for professional scientists and their employers. They include four major sections: Beginning Employment, Employment Environment, Professional Development, and Involuntary Separation.

Some of the special academic employment relationships are dealt with separately in a companion document, the ACS Academic Professional Guidelines, the most recent edition adopted in ~~2013~~2016. Whereas the Guidelines recommend appropriate practices for a variety of employment circumstances, they explicitly do not include many situations already covered by federal or state statutes. We assume that chemical professionals and their employers follow the law. However, the ACS does hereby assert that to ensure a diverse and equitable work-force that employment, compensation, and advancement of a chemical professional should be based on professional capabilities alone, and that gender, race, ethnicity, national origin, religion, age, sexual orientation, gender expression, gender identity, presence of disabilities, family status, pregnancy status, marital status, parental status, or any other factor not relevant to the position, should not be a consideration in hiring, firing, or any evaluation or job performance. The ACS opposes all forms of discrimination and believes that employment should be based solely on professional qualifications and job performance.

The American Chemical Society, the world's largest association of professional scientists, has the opportunity to lead in articulating standards of employment for scientists. We believe these Guidelines represent a fair and just balance between the legitimate interests of employers and professional employees, and recommend that these Guidelines be accepted and implemented.

Introduction

Successful employer-employee relationships enable employers to achieve their business objectives and employees to remain professionally competitive. The employer-employee relationship should be characterized by mutual expectations, respect, support, and shared goals throughout its duration.

The Professional Employment Guidelines of the American Chemical Society are recommended practices for employment and are intended to foster productive working relationships between chemical professionals and their employers. The ACS advocates the application of these guidelines to promote equality, the security, productivity, and economic well-being of chemical professionals and their employers.

Definition of a Chemical Professional

For the purposes of this document, a chemical professional is a person who is eligible for ACS membership. A contract employee and the contract agency providing the contract employee's services to third parties are considered to be "chemical professionals" and employer, respectively, in applying these guidelines. While the third party may meet some of the criteria described herein, it is the responsibility of the contract agency to ensure their application.

Beginning Employment

The process of hiring, or being hired, is the key time to establish expectations between chemical professional and employer. Both parties are urged to follow practices which demonstrate professional conduct and initiate a good working relationship.

The employer should list the duties and responsibilities of the available position(s) as well as the qualifications required of the potential employee.

- Prospective employees should apply only for positions for which they genuinely believe they are qualified and have serious interest. The chemical professional should not abuse the funds or facilities of a current employer for the purpose of seeking new employment. Nor should the chemical professional abuse the funds and facilities of a potential employer.
- Upon request, the prospective employee should provide accurate background information, including education, qualifications, employment history and interests, so that proper evaluation can be made. The employer has an obligation to respond promptly to correspondence from the prospective employee, including acknowledgment of the initial application and receipt of documents needed for proper consideration of the applicant. The employer should notify unsuccessful applicants for employment promptly when they are no longer being considered.
- Any interview expenses to be reimbursed should be reported accurately by the prospective employee. If more than one employer is visited on an interview trip, expenses should be prorated fairly.
- The employer should avoid asking interview questions which focus on topics that may be considered a basis for a discriminatory status. Questions should be avoided which focus on national origin, religion, age, sexual orientation, gender expression, gender identity, presence of disabilities, family status, pregnancy status, marital status, parental status.
- The offer of employment and associated compensation should be based solely upon prior applicable education, training and experience, and current professional competence and performance.
- Conditions of employment should be described fully and accurately to the prospective employee. A copy of the proposed employment contract or agreement and a summary of company policies, including professional liability, and benefits, should be supplied to the chemical professional at the time an employment offer is made. The written offer should be consistent with the employer's oral description of the position made at the time of interview. If not, any differences should be clearly stated. Special conditions for the continuation of employment, such as temporary funding or outside contracts, should be specified.
- The chemical professional is obligated to promptly respond in writing to an offer of employment and honor an accepted offer. The employer is obligated to honor a written and accepted offer of a position.

Employment Environment

1) Benefits

Comprehensive benefit plans, as part of the total compensation, should be provided. These should include health, disability and life insurance; personal, sick and family leave; paid holidays and vacations; and financial assistance and planning for retirement. Benefits for special employment situations might be less comprehensive than benefits provided to full-time permanent employees. Benefit plans should be equivalent for employees in the same position.

- Employers should provide access to both health care and disability insurance plans. Professional employees should become eligible for coverage as soon as possible after starting but certainly within 90 days. Employers should provide access to a retirement plan; for example a 401k plan. Vesting of employer matching funds should increment over time to 100% within 5 years.

Eligibility to participate should occur within 1 year of employment. These plans should follow the Employee Retirement Income Security Act (ERISA) guidelines. ~~Should employees have a defined benefit retirement plan, the plans should follow the recommendations set forth in the ACS Policy Statement on Retirement Security.~~

- Permanent part-time employees should be provided with adjusted benefit programs that are at least proportional to the programs for full-time employees.
- The employer should offer employee-assistance plans that provide options for special arrangements such as personal leave, flexible work schedules, and part-time employment. The chemical professional should be informed at the time of employment which of these considerations are available and how they may be granted. Employers should provide suitable accommodations for employees returning to employment after medical leave or maternity leave. Employers should provide suitable spaces for lactation for breastfeeding employees to express and store breastmilk.
- If a company or institution is purchased by or merged with another, an employee's years of service should be calculated from the date employed by the initial company or institution. When an employer re-hires a chemical professional, the employee's years of service before the interruption should be restored immediately for the purpose of determining service-related benefits.
- In the event that the employer requests relocation of a chemical professional, relocation costs should be the responsibility of the employer.

2) Intellectual Property

The chemical professional must respect and maintain the confidentiality of the employer's trade secrets and proprietary information both technical and business related. Legal obligations of the chemical professional to the employer should be stated clearly in an employment agreement.

- The chemical professional should inform a new employer of any previous employment agreements and should exclude the trade secrets or proprietary information of previous employers from new employment agreements. The chemical professional should not seek or accept employment that involves using or divulging any trade secrets or proprietary information.
- The chemical professional should expect that all inventions created during the time of employment are the intellectual property of the employer if: the employer provides compensation, space, time, labor, or equipment in pursuit of the invention; the invention involves a product or process of the employer; or the invention relates directly to the business of the employer.
- The employer should not assert title to inventions that: were developed on the employee's own time; did not involve the employer's equipment, facilities, supervision, or trade secrets; and do not relate directly to the business of the employer. An employee may consider negotiating the rights to commercialize the technology with the employer.
- The employer should encourage the chemical professional to publish work in scientific journals and to present findings at scientific meetings, and support those activities. It is the responsibility of the chemical professional to obtain appropriate approvals from the employer before submitting work for publication or presenting findings at scientific meetings. Copyright should be assigned appropriately.

3) Workplace Atmosphere

The employer should maintain a work environment that enables the chemical professional to make the best professional contributions. The chemical professional and the employer should both strive to foster a safe, stimulating and productive work atmosphere. Professionalism is expected from both the chemical professional and the employer.

- The chemical professional should perform assignments diligently, judiciously, safely, and ethically, utilizing creative and resourceful ideas for the benefit of the employer. The employer should establish special recognition programs for employees who demonstrate outstanding competence and performance.
- The chemical professional should give appropriate credit to colleagues who contribute to technical accomplishments.
- Unacceptable performance should immediately be brought to the chemical professional's attention.
- The chemical professional and the employer should not tolerate any physical or verbal harassment. Offensive comments or behavior related to protected characteristics, including but not limited to a disability or of a, sexuality, gender, cultural/culture, religious-religion or racial nature, and statements or actions leading to a hostile or offensive work environment, are unacceptable. Written guidelines on harassment should be distributed and posted, and staff should be periodically educated about these guidelines. Guidelines should include clear and actionable consequences for those employees found to be in violation of the guidelines.

4) Change in Employment Status

- The employer should, by appropriate business practices, provide stable employment and avoid terminating employees whenever possible except for cause. The employer should inform the chemical professional, whenever possible, of current and future organizational business and research objectives with appropriate data which could have an impact upon the chemical professional's work or career. The chemical professional should be prepared to adapt to the employer's changing business and research objectives.
- Equal consideration should be given to (and by) both the chemical professional and employer when giving notice of a change in employment status for reasons other than cause.
- In order to maintain continuity of function for the employer and a dignified change in employment status for the chemical professional, a written advance notice of two weeks should be the minimum invoked by either party.
Before a change in employment status, the chemical professional should provide the employer with all records of technical work accomplished and in progress, including publications, invention disclosures, lab notebooks, technical data, and other related documentation. The employee should also return to the employer all supplies and equipment, such as chemicals, computers, etc. purchased by the employer.

5) Safety, Health and the Environment

Chemical professionals are responsible for working safely and employing all necessary safety procedures in the course of their professional duties. The employer is responsible for providing appropriate information, environmental health and safety staff, physical facilities and equipment that enable the chemical professional to work safely, comfortably and efficiently. The chemical professional is responsible for seeking information on the safe handling of chemicals and equipment with which they work.

- The chemical professional should inform the employer and coworkers in writing and/or verbally, as appropriate, of any immediate or potential safety or health hazards.
- The chemical professional should inform their employer of the need for safety education and training for specific high hazard materials, if they do not have experience in working with these materials.
- The employer should be prepared to make reasonable health and safety accommodations for those with disabilities, those who are pregnant, and those who are breastfeeding, upon disclosure of such information.

- The chemical professional should be able to recognize, assess, and minimize the risks of hazards in their work, and be prepared to react in the event of emergencies. The employer should inform their employees of hazards in their workplace and the steps to minimize the risks of exposure to these hazards.
- All appropriate personnel should be trained in the proper handling of material and equipment and all pertinent safety procedures to minimize risks.
- The chemical professional must not use alcohol, tobacco products or any other drug, legal or illegal, in such a way as to endanger others or adversely affect professional performance in the workplace.
- The chemical professional and the employer should strive to ensure that products and processes are safe and that potential hazards to human health or the environment, including air emissions, water effluent, and discharges to land should be minimized, properly identified, and handled in such a way as to protect the environment, and that alternative, less hazardous methods and processes are considered. Employers should conduct appropriate environmental studies to ensure the health and safety of their workers and the surrounding community.

6) Performance Reviews, Advancement and Compensation

Management should periodically review each chemical professional's performance and capabilities and, within the framework of job requirements, make assignments to best use the employee's knowledge, skills, and abilities. The performance review should be a thorough, objective evaluation of job performance. During the review process, the chemical professional should have the opportunity to provide input on his/her long-term goals. This input should be considered when planning any projects, activities, or professional development opportunities in the upcoming year.

- Formal performance reviews of the chemical professional should occur at least annually. Judgment of the chemical professional's performance should be rendered by a direct supervisor. The reviewer should also consider the evaluation of the chemical professional's performance by other appropriate supervisors, peers, and direct reports.
- The reviewer has the responsibility to discuss fully and promptly with the chemical professional any unacceptable performance and to document the results of this review. ~~87H-7-2*5@;2==.7~~Confidential written records of such reviews should be signed by the employee and the reviewer to indicate that the review has been discussed with the employee. An action plan and ~~time-table~~timetable for improving performance to acceptable standards should be documented and implemented.
- Employers should hold all employees fully accountable for safety in their performance reviews.
- The employer should provide the employee, upon request, access to that employee's personnel files, and protect it from unauthorized access by others. Copies of employee's documents should be made available to the employee at no cost to the employee.
- Compensation and advancement should be based solely upon professional competence.

Professional Development

Chemical professionals are responsible for managing their own careers. To maximize their value to their employers and maintain employability, employers should encourage and support their chemical professionals to develop and maintain technical competence via courses, scientific meetings and other means.

- Employers should encourage their chemical professionals to actively participate in appropriate technical societies. The chemical professional should be allowed sufficient time, consistent with the performance of regular duties, to participate in both the technical and administrative activities of such affiliations.
- The chemical professional should be encouraged to interact with other professionals in the field to enhance the individual chemical professional's capabilities.

- The employer should encourage professional development throughout a chemical professional's career by providing reasonable financial assistance, including compensated leaves of absence, to employees for training to meet present or potential organizational responsibilities, obtain an academic degree related to such assignments, or maintain or improve scientific knowledge.
- Employers should encourage attendance at conferences relevant to the employee's position. Presentations and publications should be encouraged where appropriate. If the employer is unable to reimburse employee expenses, it is recommended that paid time off be given to attend the conference.
- The employer should incorporate sufficient time for training for job-related performance and other professional responsibilities into the job.
- The chemical professional should serve the public by using professional specialized knowledge to advance the welfare of the community. Such participation should be undertaken solely as the responsibility of the individual, unless specifically acting on behalf of the employer. The employer should respect the right of the chemical professional to participate as an individual in political and community activities, including educational outreach.

Involuntary Separation

Except for the final section herein, the Professional Employment Guidelines do not apply to involuntary termination for cause. However, when a chemical professional is involuntarily terminated for any reason, care should be taken to assure the dignity of the employee.

- In order to maintain continuity of function for the employer and a dignified termination process for the chemical professional, a written advance notice of four weeks is preferred. A two week advance notice should be the minimum invoked by the employer.
- Upon notice of termination, the employer should detail, in writing, the benefits available to the terminated chemical professional under present law, including coverage extension of medical, dental, vision, and life insurance, some or all of which may be offered by the employer. During this time, the employee should be entitled to continue to accrue vacation and pension benefits.
- The employer should notify the terminated chemical professional in writing of rights and obligations regarding pertinent patents, planned patent applications, and publications, and provide assurance that the employee's rights and interests in these matters will be protected.
- The terminated chemical professional should provide the employer with all records of technical work accomplished and in progress, including publications, invention disclosures, and other related documentation, and also arrange for disposition of chemicals, computers and other materials that will no longer be required. In return, the employer should provide the employee a reasonable length of time to leave the premises and allow them to take personal effects and information.
- If an employer reorganizes operations involving chemical professionals, every effort should be made to offer the affected chemical professionals other suitable positions within the organization. Appropriate additional training and education should be provided to facilitate such transfer. If no other positions are available, the chemical professional should be given assistance in finding employment elsewhere through use of appropriate outplacement services.
- If the employer seeks to encourage chemical professionals to retire, this should be done solely by means of offering an adequate financial incentive.
- A chemical professional terminated for any reason other than cause should receive severance pay consisting of at least two weeks' salary for each year of service. Such severance pay is beyond the regular pay provided for work during the advance notice period and beyond any accrued vacation pay.
- No chemical professional should be terminated for inadequate performance or for cause without documented evidence. The chemical professional about to be terminated for cause should be given the opportunity to review the specific charges and to respond to them. This evidence

should be reviewed by human resources and at least one level of management above the immediate supervisor, provided such levels exist. When inadequate performance is alleged, the opinions of appropriate professional peers should also be sought and considered.

Document History

1. First Edition: Approved by the Council and adopted by the Board of Directors, April 19, 1975.
2. Second Edition: Approved by the Council, March 15, 1978, and adopted by the Board of Directors, June 10, 1978.
3. Third Edition: Approved by the Council, August 31, 1983, and adopted by the Board of Directors, September 23, 1983.
4. Fourth Edition: Approved by the Council, September 28, 1988, and adopted by the Board of Directors, December 11, 1988.
5. Fifth Edition: Approved by the Council, August 25, 1993, and adopted by the Board of Directors, December 5, 1993.
6. Sixth Edition: Approved by the Council, August 28, 1998, and adopted by the Board of Directors, December 6, 1998.
7. Seventh Edition: Approved by the Council, August 25, 2004, and adopted by the Board of Directors, December 5, 2004.
8. Eighth Edition: Approved by the Council, March 25, 2009, and adopted by the Board of Directors, June 5, 2009.
9. Ninth Edition: Approved by the Council, August 13, 2014, and adopted by the Board of Directors, December 5, 2014.
10. Tenth Edition: Approved by the Council, xxxx ##, 202#, and adopted by the Board of Directors, xxxx ##, 202#.

B. Analytical Reagents

The ACS Committee on Analytical Reagents (CAR) establishes chemical reagent standards as well as analytical procedures for determining the purity of chemical reagents. These are required by any company using or testing for the highest chemical purity. Committee members create and revise this information as needed to ensure the direction is state of art. The electronic publication, *ACS Reagent Chemicals: Specifications and Procedures for Reagent and Standard-Grade Reference Materials*, houses this information and expands and evolves the content by direction of the committee. Members include representatives of commercial chemical manufacturers, standard organizations, and users of chemical reagents.

CAR convenes in formal session twice annually. Sessions include meetings with the full committee or subcommittees, virtually, over one full day or in-person for one and a half days. The committee currently includes four subcommittees: the Organic Subcommittee; the Inorganic Subcommittee; the New Reagent Subcommittee, and the Validation Subcommittee. The most recent meeting was conducted virtually on May 5, 2021, and it was quite successful. A major accomplishment of the meeting was the presentation of a new monograph, “Rhodamine B”, which was approved for publication summer 2021. Other accomplishments of the May 2021 meeting were the creation of a task force to write formal operating procedures for the committee and the start of a plan to add a “Diversity, Inclusion, & Respect” section to the committee’s ACS Strategic Plan.

ACS Reagent Chemicals: Specifications and Procedures for Reagent and Standard-Grade Reference Materials, the digital reference overseen by the committee, defines the specifications for close to 500 ACS Reagent Grade chemicals used around the world. During the past twelve months, 26 monographs have been updated, largely to provide chemists a safer and more accurate methodology for testing heavy metals. In addition, the new monograph “Rhodamine B”, will publish August 2021.

CAR receives detailed customer queries each month, and responding to these queries is an important service to chemists manufacturing chemicals and overseeing chemical quality. In 2021, CAR improved the quality and timeliness of our customer service by having the committee chair, secretary, inorganic and organic subcommittee chairs and a member of ACS Publications meet quarterly to address customer queries that cannot be answered without lab testing and research. In addition, CAR has committed to responding to less-detailed customer queries within two business days. Customers have appreciated the improved timeliness and quality of detailed responses when needed.

Market research, in the form of interviews and a survey from current users of *Reagent Chemicals*, was conducted by ACS Publications in the past twelve months, and the results will help the committee prioritize new content, technology, and promotion opportunities.

After pandemic-related closures of committee member laboratories which put our intern program on hold, we anticipate sponsoring interns at two universities, beginning fall 2021, where they will work with ACS analytical reagent committee members on method development for new reagents.

From 2019 to 2020, sales increased by 22%, with 2020 revenues exceeding \$194,000. More than 200 institutions subscribe to ACS Reagent Chemicals, with many more purchasing individual access to support their research workflow.

Tom Tyner, Chair

ITEM VII, B
Society Committee Reports

Subhra Bhattacharya
Rachel J. Blankenship
Eric Bosch
Louis DuPont
James N. Francis
Michael Jeitziner
Norman A. Johns

Robert W. Kramer
Huifang Lang
Terrance Lee
Avrom C. Litin
Tom J. Mancuso
Nelly N. Mateeva
Mary Beth O'Donnell

Richard J. Petroski
Nancy S. Simon
Robert Thomas
Shyam K. Verma
Wayne C. Wolsey

Associates

Regina Easley Kelly Pauly
Parul Modi Celia Williams
Rachel Nelson Tom Xiao

Consultant

Paul A. Bouis

Staff Liaison: Sara Tenney

C. Budget and Finance

The Society Committee on Budget and Finance (B&F) met on Saturday, March 13, 2021, to review the Society's 2020 financial performance. The Society ended 2020 with a record net contribution from operations of \$61 million, on revenues of \$618 million and expenses of \$557 million. This was \$23 million favorable to the prior year. This performance was driven by strong revenues from both CAS and ACS Publications along with lower expenses that were driven by the pandemic. Once again, ACS ended the year in compliance with all of the five Board-established financial guidelines. The Society's overall financial position improved with unrestricted net assets increasing by \$145 million to \$553 million December 31, 2020. The year-end balance includes the aforementioned \$61 million net from operations, along with investment gains of \$66 million and an \$18 million decrease in the Society's postretirement benefit and other liabilities. Finally, the Society issued \$61 million of bonds, the proceeds from which were used to bring the defined benefit pension plan (closed) to a fully-funded level.

In other actions, B&F elected Dr. Christina Bodurow as Vice Chair, and voted to support the Council petition on the 2022 Schedule of Membership Dues.

B&F's Subcommittee on Financial Impacts of Constitution & Bylaw Amendments, in January, reviewed the 2022 Schedule of Membership petition. Based upon the Subcommittee's recommendation, B&F approved the following financial impact statement on February 5, 2021:

The Society Committee on Budget and Finance has examined this petition and in the 'most likely case' concludes that it will have extraordinary positive financial impact (in excess of +\$1M) on the finances of the Society. Among all possible forecasted scenarios, none would have worse than no impact (\$0) on the finances of the Society.

B&F will next meet on Saturday, August 14, 2021. It will receive an update on the Society's 2021 financial performance and will recommend 2022 National Meeting registration fees to the Board of Directors at their Fall meeting.

William J. Greenlee, Chair

Bryan Balazs
Christina Bodurow
Richard Danchik
Peter Dorhout
Carol Duane
Dana Ferraris
Kathleen Gibboney
Joseph Heppert
Rigoberto Hernandez

Natalie LaFranzo
Bonnie Lawlor
Willem Leenstra
Richard Lomneth
Kristin Omberg
Dorothy Phillips
Diane Schmidt
Marinda Wu

Associate: James Carver

Staff Liaison: Albert Horvath

D. Chemical Safety

During the spring and early summer Committee on Chemical Safety (CCS) continued advancing its mission and vision by contributing the following project to the CCS goals outlined in its Strategic Plan.

Mission: CCS provides collaborative leadership and resources to advance chemical safety.

Vision: A scientific community that embraces safety in all activities of the chemistry enterprise.

Goal 1: Foster partnerships to advance safe chemistry.

- In partnership with the Division on Chemical Health and Safety (CHAS), the committee published a new video titled *Quality Data for Safer Experiments*. This video advocates for integrating safety into research planning process and collecting as well as sharing safety data with scientific community. The video is available at https://youtu.be/b1h_yj3zf20
- CCS members contributed their expertise to *Safety in Outreach Settings* prepared by the Committee on Community Activities. This resource will help outreach coordinators identify and select low-risk activities and recognize and eliminate high-risk activities and demonstrations before they lead to regrettable accidents; and make strategic changes to activities and demonstrations to minimize the likelihood of injury and promote a culture of safety.

Goal 2: Compile chemical safety resources that are current, well managed and authoritative.

- The CCS website at www.acs.org/ccs that hosts committee publications has been updated. During its spring meeting, the committee has reviewed all committee publications and identified the ones that need to be revised or updated. A number of small working groups have been created to tackle these projects.

Goal 3: Ensure effective dissemination of high quality chemical safety resources.

- The committee contributed to the inventory of safety resources in the new [ACS Center for Lab Safety](https://institute.acs.org/lab-safety.html). This website was launched to provide a better user experience for navigating through the resources and guidance created by CCS and CHAS members, as well as new safety-related resources developed across ACS. Committee members supported this project and shared their insights through ACS surveys, conversations, and market research. Committee –authored resources are now available through ACS Center for Lab Safety at <https://institute.acs.org/lab-safety.html>.

Goal 4: Optimize CCS structure and operations to meet strategic goals and ongoing responsibilities.

Following the strategic planning, the CCS has been reorganized into three standing subcommittees:

- Education Subcommittee
Focus Area: Best practices for teaching chemical safety
- Emerging Issues Subcommittee
Focus Area: Best practices for new processes, chemicals and regulatory concerns.
- Partnership Subcommittee
Focus Area: Committee relationships within and external to the ACS, including liaisons.

The committee projects are also supported by the Safety Advisory Panel (SAP) in addressing emerging and complex chemical safety and regulatory issues on an as needed basis.

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Kimberly B. Jeskie
Michael G. Koehler

Jennifer L. Maclachlan
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Staff Liaison: Marta U. Gmurczyk

E. Chemistry and Public Affairs

“Public policy that is much more informed by chemical professionals,” is the vision statement for the Committee on Chemistry and Public Affairs, and the Committee’s mission statement is to “Increase ACS member engagement and effectiveness in impacting public policy.” I am pleased to report some of the CCPA activities undertaken to help make ACS a premier advocacy organization.

Member engagement in public policy

CCPA encourages and highlights ACS local section engagement in public policy activities by sponsoring the ACS President’s Local Section Government Affairs Award presented at the annual ChemLuminary Awards Reception. CCPA would like to congratulate the Nashville, Northeastern, and Southern Arizona Local Sections, which have been nominated for their government affairs efforts in 2020. Stay tuned to learn which local section is crowned the winner later this year. Please note that the ACS President’s Local Section Government Affairs Award will go on hiatus while CCPA partners with another committee to introduce a new pilot award for 2021 activities. More details will be shared in the CCPA oral report at the ACS Fall Council Meeting.

Public Policy Fellowships

For the past 45 years, the American Chemical Society has sent chemists to Washington D.C. for an immersive experience in how the government works through the ACS Public Policy Fellowships. The purpose of the program is two-fold: to give chemists a better understanding of how government policy affects the chemical enterprise, and to inject some scientific knowledge into the policy-making process. ACS congressional fellows serve in the office of a congressional committee or personal office; science policy fellows work with ACS Government Affairs staff in the ACS headquarters in Washington, DC.

CCPA provides oversight of the ACS Public Policy fellowship program and guides the annual selection process that selects two congressional fellows. This year, 21 CCPA members and past fellows reviewed nearly 60 applications for the 2021-2022 fellowship term. The fellowship interviews were held virtually again this year due to COVID-19 travel restrictions. I am pleased to share the results of that selection process: **Leila Duman** from the Chemical Society of Washington, and **Joshua Melko** from the Jacksonville Local section, will spend one year working as ACS congressional fellows on Capitol Hill as part of the broader AAAS Science & Technology Policy Fellowships program. **Mary Sabuda** from the Minnesota local section was selected as the ACS science policy fellow and will spend a year embedded in the ACS government affairs team learning about science policy.

ACS members at all career stages are encouraged to apply for the fellowships. More information can be found at www.acs.org/policyfellows.

ACS Public Policy Statements

ACS public policy statements define the Society’s advocacy agenda and provide recommendations to policymakers at the state and federal levels. In 2021, CCPA has participated in the multi-committee working group reviewing the ACS policy statements and will vote on whether to recommend the statement draft to the ACS Board of Directors for final approval at our Fall 2021 meeting. A CCPA working group also reviewed the ACS policy statement on innovation and prepared comments for the Board’s consideration. All ACS policy statements can be found at www.acs.org/policy.

Kevin Kuhn, Chair

ITEM VII, E
Society Committee Reports

Luke Achenie
Judith Benham
Stephen Benn
Susan Butts
Eun-Woo Chang
Bonnie Charpentier
Deborah Cook
Louise Criscenti
Jay Dias
Michael Hurrey
Zafra Lerman
Emily Lewis
Michael Meador
Barbara Moriarty

James Moran
Mary Jo Ondrechen
Laura Pence
Amy Ripka
Peter Rusch
Joseph Sabol
Robert Sindelar
Jozef Stec
Hessy Taft
Jonathon Wilker
Matthew Windsor
Donald Wink
Heidi Vollmer-Snarr

Staff Liaison: Caroline Trupp Gil

F. Chemists with Disabilities

CWD continues to work with other entities (ACS and non-ACS) to ensure that all individuals have opportunities to advance the chemical sciences by drawing on their full range of talents.

Highlights for the virtual national meeting are as follows:

CWD Video Highlight Collection: Aligned with CWD 2019 Strategic Plan, CWD has created a series of videos to highlight the unique abilities of chemists that they bring to their professional career. These persons with disabilities are inspirational role models promoting and facilitating awareness of the value and capabilities of person with disabilities in the chemical sciences. This video series will be released at the Fall 2021 meeting.

CWD Resources and Information: The committee is working on updating the “Teaching Chemistry Students with a Disability” resource guide. This is envisioned to be a living resource that will continue to be updated with best practices. Additionally, CWD is organizing an ACS Webinar entitled “Service Dogs in the Lab” that will take place on September 22, 2021. Both initiatives are targeted at effectively distributing resources and information regarding accommodations for persons with disabilities involved in chemistry.

CWD ACS Goal 5 DIER Discussion: CWD has invited Raj Mukhopadhyay, Vice President, Office of Diversity, Equity, Inclusion & Respect to come discuss what her office as well as the DIER AB is doing to implement Goal 5. Persons with disabilities are an underrepresented population within ACS, an important voice in shaping actions regarding Goal 5.

Michelle Cummings, Chair

Maria Dulay
Pedro Flores Gallardo
Chris Hamann
George Heard
Carl Heltzel
Lee Hoffman
Kevin Kelly
Stefan Kilyanek

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Marcie Merrit
Ashley Neybert
Patricia Redden
James Schiller
Henry "Hoby" Wedler
Theresa Windus
Debra Feakes

Associates

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Maria Gallardo-Williams
Miriam Gulotta
Mona Minkara
Amie Norton

Rebecca Riggs
Rachel Scroggins
Dontarie Stallings
Dean Tantillo

Staff Liaison: Paula Christopher

G. Community Activities

The Committee on Community Activities (CCA) continues to further ACS Strategic Goal 4: Communicate Chemistry's Value. Our committee and theme team meetings were held virtually in March 2021. In conjunction with ACS Spring 2021 and Chemists Celebrate Earth Week (CCEW), another virtual ACS Kids Zone (also known as the biannual Presidential Outreach Event) was hosted. Three presenters recorded themselves doing three activities, then engaged with the public live through social media during the event. CCA would like to thank Dr. H. N. Cheng for his presidential support, and to thank Greglynn Gibbs, Dyani Melgarejo, and Dr. T. Greg Tucker for their presentations. Subtitles were added in English, Spanish, and Chinese to the recording that can be accessed at www.acs.org/kidszone.

The 2021 CCEW campaign was hosted completely virtually in light of the continued COVID-19 pandemic. CCA thanks the 102 local sections and three international chapters that participated this year and celebrated the theme "Reducing our Footprint with Chemistry." Photos and screenshots of celebrations around the world can be accessed through Facebook: <https://www.facebook.com/ChemistsCelebrateEarthWeek/>

CCA met in May and voted to support a hybrid National Chemistry Week (NCW) for 2021, where local organizers can participate in the manner that is best for them and in compliance with local health regulations. Many digital resources will still be offered. The theme of this campaign is "Fast or Slow, Chemistry Makes it Go!" and covers reaction rates. Resources will launch to support this campaign on August 1, 2021. All local sections and international chapters are encouraged to name coordinators and plan virtual or in-person celebrations as fits their local area.

The ACS Kids Zone, a Presidential Outreach Event, will be hosted in person during the ACS Fall 2021 Meeting in Atlanta. The event will take place from 11 a.m. to 2 p.m. on Saturday, August 21 at the Georgia Aquarium. A networking event thanking outreach volunteers will be hosted on Sunday, August 22 from 12 to 2 p.m. The location and registration information for that event are still being determined.

CCA welcomes participation of any ACS member on NCW and CCEW Theme Teams for 2022 and beyond. Please contact outreach@acs.org for more information.

Holly Davis, Chair

Neal Abrams
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Sara Delgado-Rivera
Kenneth Fivizzani
David Heroux
Susan Hershberger
Veronica Jaramillo
David Katz
An-Phong Le
Avrom Litin

Ressano Machado
Alex Madonik
Regina Malczewski
Richard Rogers
George Ruger
Monica Sekharan
Alexsa Silva
Lori Stepan
Cary Supalo

Associates

Juan Aponte-Santini
William Doria
Greglynn Gibbs
Tracy Hamilton
Edith Kippenhan

Keith Krise
Oksana Love
Robin Tanke
Jacqueline Trischman
Faith Yarberry

Staff Liaison: Lily Raines

H. Divisional Activities

At the Council meeting in spring, the Committee on Divisional Activities (DAC) proposed a new allocation formula for divisions that was approved. The committee considers it to be a transitional formula that takes into account the evolving format of ACS meetings. DAC is actively reviewing its impact.

The committee continues to hold bi-weekly zoom meetings with program chairs, staff, and the Committee on Meetings and Expositions in preparation for the hybrid Fall Meeting. The committee also held two Leadership Institute Experience ‘refresher sessions’ to discuss recurring issues with new division officers.

DAC met in May to review and approve Spring Innovative Project Grants (IPG). The committee approved five grants totaling \$33,669. The deadline for Fall IPG applications was July 15, 2021. IPGs for innovative projects and for division strategic planning will be evaluated at its August meetings. Additionally, the committee is considering additional opportunities to submit grant applications before the end of the calendar year.

The committee will update its strategic plan this year and will hold a Virtual Strategic Planning Retreat (VSPR) this Fall. The committee is eager to obtain feedback from divisions on its role and will survey division chairs in advance of the retreat. If you have ideas or feedback on the strategic direction of DAC, please contact division@acs.org.

The committee wishes to acknowledge the outstanding efforts of the divisions and the Multidisciplinary Program Planning Group in organizing and reorganizing to deliver a wide range of excellent programming in support of the Fall 2021 theme: “Resilience of Chemistry”.

James M. Takacs, Chair

Janet Bryant	Graham Peaslee
Cynthia Collins	Elsa Reichmanis
Huw Davies	Joseph Stoner
Alan Elzerman	Michael Tunick
Jennifer Hollingsworth	Kathryn Beers
Lauren Jackson	Julie L Jessop
John Long	Martin Perry Jr
Marge Matthews	Aditya Savara
Sheila Murphy	

Staff Liaison: Kevin McCue

I. Education

This report updates the Council on SOCED's progress implementing the actions agreed on during its Spring 2021 meeting, and highlights significant accomplishments of the Society's education programs.

SOCED implemented a new structure that better aligns with committee roles and responsibilities. Three subcommittees have been formed: Science Education Policy, Supporting Excellence in Education, and Student Communities. A collection of advisory boards and working groups will engage a range of experts and stakeholders from across the education community, developing interactions and collaborations to fulfill the SOCED vision, mission and goals.

Vision: The future of chemistry teaching and learning

Mission: Develop and implement policies and resources to advance chemistry education and to connect its diverse communities

Goal 1: Promote effective chemistry education

Goal 2: Foster collaborative and sustainable environments for emerging and existing communities in chemistry education

Goal 3: Identify opportunities and approaches for communication and collaboration among education stakeholders

SOCED activities also help fulfill several goals of the ACS Strategic Plan, including Goal 3 (support excellence in education), Goal 2 (empower members and member communities), and Goal 5 (embrace and advance inclusion in chemistry). The committee is committed to ensuring that the Society's core values are reflected in SOCED and ACS Education activities.

Science Education Policy

The SOCED charge includes developing reports and recommendations to the Board and Council on Society policies related to chemical education. The Science Education Policy Subcommittee will be incorporating key aspects of two policy statements, the [Importance of Hands-on Laboratory Science](#) and the [Teaching of Evolution](#), into the [Science Education Policy](#) statement, as well as feedback from the Committee on Public Affairs & Public Relations. A webinar for SOCED members was held to develop advocacy awareness and review the policy statement process.

Supporting Excellence in Education

SOCED is also charged with advising on matters relating to chemical education. The Supporting Excellence in Education Subcommittee is considering the design and implementation of ACS Education programs, products, and services. These include the following:

- Professional development activities, such as the [New Faculty Workshops](#) and the [Postdoc to Faculty Workshop](#), continue to be held virtually in 2021.
- The [American Association of Chemistry Teachers](#) (AACT) continues to expand its collection of resources, including webinars, an online resource library, and *ChemMatters* digital archive. [Science Coaches](#) applications for the 2021-2022 school year are due September 1, 2021.

Opportunities and challenges related to K-12 and higher education, such as leveraging theory, evidence, and effective practices, are also being considered.

Student Communities

As it fulfills its responsibilities regarding ACS Student Chapters, SOCED is also providing guidance regarding programs, products, and services for high school, undergraduate and graduate students, as well as postdoctoral scholars. These include the following:

- The [ACS Graduate Student Organizations](#) (GSO) program now has 7 GSOs, with more coming soon. The GSOs at University of Connecticut and Texas Christian University will be featured during the Graduate Student Summit held on July 14 in partnership with ACS on Campus.
- A total of 33 [ACS Student Group Development and Engagement Grants](#) and 13 [ACS DEIR Faculty Advisor/Chapter Officer Grants](#) have been awarded in the first half of 2021. There are now 88 [ACS International Student Chapters](#) chartered in 29 countries.
- The team selected to represent the US at the [2021 International Chemistry Olympiad](#) to be held virtually on July 24–August 2 consists of:
 - Kien Phuong, Landon School, MD, Chemical Society of Washington
 - Nikhil Seshadri, University City High School, CA, San Diego Local Section
 - Qiyang Zhou, Princeton International School of Mathematics and Science, NJ, Princeton Local Section
 - Yitian Zhu, Seven Lakes High School, TX, Greater Houston Local SectionThe first and second alternates are Nethaka Dassanayake (Ames High School, IA, Ames Local Section) and Nathan Ouyang (University High School, CA, Orange County Local Section). As in 2020, digital exams were used and the study camp was held remotely, omitting the laboratory portions. More information can be found in the [article in the June 14 issue of C&EN](#), and updates can be obtained via social media with #USNCO.

The new [Careers and the Chemical Sciences](#) resource launched June 1. The transformation of the former College to Career website involved modernizing the user experience, updating and expanding featured content, and rebranding to broaden the audience.

During its Spring meeting, SOCED also received updates on the following special projects: the [Lasting Encounters between Aspiring and Distinguished Scientists \(LEADS\) Conference](#); the [ACS Bridge Project](#); and [Get the Facts Out](#).

Through these and other activities, SOCED is fulfilling its mission to develop and implement policies and resources to advance chemistry education and to connect its diverse communities.

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Milagros Delgado
Jeremy R. Garritano
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J. Environmental Improvement

The Committee on Environmental Improvement (CEI) continues to focus its attention on increasing ACS leadership related to sustainability and sustainable chemistry. The committee is updating its strategic plan in 2021 to identify ongoing work to advance these issues. Just as advancing sustainability requires collaboration, CEI does much of its best work through partnerships with a wide array of ACS units.

The CEI Ocean Plastics Task Force continues its efforts to gather information on efforts within the Society on assessing and addressing the environmental impacts of plastic waste in the world's oceans. The task force organized a presidential symposium at the Spring 2021 national meeting on "Plastics & Oceans, chemistry for the journey ahead." Thank you to the division of Environmental Chemistry (ENVR) for being the host division and for sponsorship from CEI, ENVR, COMSCI, and POLY. The symposium and subsequent panel discussions were a success and highlighted many aspects of the environmental impacts of ocean plastics, from the "plastisphere" of microbes that coat floating debris, resultant greenhouse gas generation from marine debris, to innovations to address environmental impacts through improved life cycle assessment and the development of next-generation processes to prevent additional waste generation. CEI will be taking learnings from this symposium, along with additional input to develop opportunities for engagement and action of members within ACS operational units and stakeholders. The task force is always looking for additional viewpoints and collaboration opportunities, so if you are interested, your input to our committee would be welcomed at cei@acs.org.

CEI also is completing preparations for its leadership of the theme, jointly with the Division of Environmental Chemistry (ENVR), focused on the UN SDGs for the fall 2022 meeting planned for Chicago. At the fall 2019 national meeting, the committee organized the program theme related to the chemistry of water. CEI is proud of its continued leadership in theme planning for national meetings and hopes it will serve as an example for other units of ACS interested in taking an overarching organizational role in future meetings.

Along with other ACS units, CEI is engaged in reviewing and recommending updates to ACS' public policy statements. We are currently proposing updates for the statements on energy and on water treatment and conservation, along with the proposed extension of the current statement on hydraulic fracturing and possible retirement of the statement on inherently safer technologies.

CEI continues to support and recognize the work of the ACS local sections related to sustainability. Local Sections are encouraged to apply for grants to facilitate new programs and activities highlighting or advancing the relationship of sustainability to the chemical science, as well as to apply through their annual reports in order to be considered for the ChemLuminary Award for Outstanding Sustainability Programming. CEI also is launching a new award in conjunction with the Committee on Chemistry and Public Affairs to recognize a Local Section, Technical Division, International Chapter, Student Chapter or Regional Meeting for an outstanding activity to advocate for, promote, or develop awareness of the SOCIETY's sustainability policies and the role or influence of chemistry on their implementation.

CEI also continues its social media efforts to engage with a network of ACS members interested in environmental issues. To get more information or join the dialogue, please follow [@ACS_CEI](https://twitter.com/ACS_CEI) on Twitter.

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Staff Liaison: Ray Garant

K. Ethics

The ACS Committee on Ethics (ETHX) meets four times annually, with two longer formal meetings held during the ACS national meeting week and two shorter meetings held between the national meetings. Our committee meetings have been conducted as teleconferences since the start of the COVID-19 pandemic.

The 2021 year began with a shorter meeting on January 23 to welcome new associate members and to review the committee's mission, vision and strategic goals. A significant portion of the meeting time was devoted to re-evaluating the relevance and continuing efforts on achieving the three primary strategic goals that were set during an ACS retreat in 2019. The committee reaffirmed these goals:

- Goal 1: By 2023, we will develop and disseminate five educational products for use by local sections.
- Goal 2: Develop collaborative programming on ethics with other groups inside and outside of the ACS.
- Goal 3: Increase the members' recognition of the value of ethics in their careers and its impact on society.

ETHX co-sponsored two symposia in the PROF programming at the Fall 2020 ACS meeting. The topics covered at the symposia included "Ethics and Research in Chemistry Education" and "Commonly Accepted Scientific Ethics- Key to International Collaboration in Industry and Academics." ETHX co-sponsored "Ethics in the Chemical Profession: Cultural Impacts" at the International Chemical Congress of Pacific Basin Societies (Pacifichem).

The committee has made significant progress on our strategic goals but the members agreed that it was also time for the committee to pivot from collating and building internal resources to becoming more outward facing and to broadcast our resources to the wider ACS membership. As a first step towards this goal, the committee redoubled their commitment to the committee's new website located at www.acsethics.org which serves as a clearinghouse for curated reference materials, websites, white papers, case studies, and interactive videos on ethics-related topics to educate and spur discussions at the local section and classroom settings.

A longer committee meeting was held on March 7, 2021, to coincide with the ACS Spring Meeting. The committee listened to a presentation on the newly revised "ACS Strategic Plan" which included a new goal focused on "increasing inclusion" within the society and in chemistry as a discipline. The group had a robust discussion on the various challenges around inclusivity and equity. Ethics affirmed the principles espoused in the revised ACS Strategic Plan.

The committee reviewed the progress made towards the three goals in the ETHX strategic plan. Sub-teams reported on the recent collaboration with CCA in reaching out to K-12 students. One sub-team partnered with the NCW2021 team to introduce ethical principles involved in recycling and re-use by co-authoring an editorial titled "Reducing Our Footprint with Chemistry" that was published in the "Celebrating Chemistry" magazine. Another sub-team is drafting an article to be submitted to the 2021 "National Chemistry Week" magazine focusing on the ethical reflections on the invention of dynamite.

Members of ETHX recently held a joint symposium with PROF entitled "The Elephants in the Room: Ethics, Equity, and the Early Career Author" at the Spring ACS meeting and this same team is planning for another joint symposium at the August 2021 ACS meeting. Another sub-team that had been working on creating student videos on various ethical topics in schools and colleges reported that the progress made in the tail end of 2020 has been hampered by quarantine rules resulting from COVID-19 pandemic.

The sub-team working on promoting the ChemLuminary Award for outstanding local section programming related to the promotion of ethics in chemistry reported disappointing news that there were no nominations submitted for the first half of 2021. It was thought that local section activities have been seriously hampered by the pandemic and this may have played a significant role in the lack of nominations. In an effort to publicize and encourage local sections to consider ethics themed activities, a sub-team drafted an article that was submitted to the mid-year issue of "Councilor News and Committee Alerts".

Picking up from our January meeting agenda, there was considerable discussion around how ETHX could better broadcast the committee's resources and activities. Several ideas were generated for future consideration including some thoughts involving writing articles to a variety of publications to increase the reach of this committee. The Chair of ETHX followed on this suggestion by submitting a Commentary titled "What's ethics got to do with it?" that was published in the March 16 issue of *C&E News*. The published article prompted several readers to provide feedback supporting the committee's goals and/or sharing stories of ethical lapses.

The ETHX committee will continue to work on how to disseminate ethical thinking in the chemical sciences and the society at large. The committee meets again on July 31 during the Fall 2021 ACS Meeting.

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Sheila Kanodia
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Karlo M. Lopez
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Matthew R. Siebert

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Rachelle J. Bienstock
John G. D'Angelo
Kirby B. Drake
Jane E. Frommer

Glenn M. Larkin
Gail H. Webster
J. Stewart Witzeman
Linghong Zhang

Staff Liaison: Eric Slater

L. International Activities

In fulfillment of its duties and responsibilities to the Society, the ACS Joint Board-Council Committee on International Activities (IAC) is responsible for managing and monitoring ACS International Chemical Sciences Chapters (ICSC) activities, studying and recommending appropriate participation and cooperation for the Society in international undertakings pertaining to chemical education, professional activities, and scientific matters of interest to chemists and chemical engineers, and coordinating its efforts with those of other organizations. Through the dedicated volunteer time and talents of IAC members and associates, the committee continues its work to help ACS be more welcoming to chemists and allied scientists and engineers with global interests and advance strategies to serve the international priorities of the Society.

The following are notable highlights for IAC so far in 2021:

1. IAC conducted virtual meetings in March 2021 for committee business. The IAC Open Session took place March 3rd; the agenda included updates on conferences organized by ACS ICSCs in the Middle East, including Qatar and Bahrain in Fall 2021; a presentation on the ACS Sustainable Development Initiative; ACS Diversity, Equity, Inclusion & Respect activities; and liaison updates from YCC, SOCED, and PROF. The IAC Executive Session was held virtually on March 10th; the agenda included ACS international member survey results, ConC petition to harmonize committees, grant updates, committee liaison updates, and discussions around the strategic plan and new committee structure.
2. IAC will vote on a new committee structure at its fall 2021 meeting. The proposed structure will disband the current organization of subcommittees based on geographic regions and install flexible Working Groups organized around activities. This will be done in an effort to better support ACS International Chapters. The proposed Working Groups are:
 - ICSC Liaisons, Partnerships & Collaborations
 - Communications & Outreach
 - Grants & Recognition
 - Programming & International Chapter Development
 - International Chapter SupportAdditionally, IAC continues to pursue its strategic plan activities. The mission of IAC is enabling diverse communities of chemical practitioners worldwide to achieve their goals. A full update on this new structure will be reported at a future date.
3. The regional calls were arranged in June between IAC subcommittee members and ACS International Chapter leaders to increase communication and collaboration between International Chapters. ACS President-Elect HN Cheng and ACS Board Director-at-Large Ingrid Montes also participated in these discussions.
4. IAC will review an application for an ACS International Chemical Sciences Chapter in Switzerland at its fall meetings. This can be brought to Council for a vote at the Spring 2022 Meeting.

Sergio Nanita, Chair

Mark Cesa
Jorge Colón
Tim Hanks
Jody Kocsis
Kabrena Rodda

Csaba Janaky
Resa Kelly
Cynthia Maryanoff
Todd Pagano

Lynne Greenblatt
Mort Hoffman
Shelli McAlpine
Isai Urasa
Kap-Sun Yeung

Anil Banerjee
Hassan Bazzi
SeChin Chang

Associates
Jason Chroma
Russ Johnson
Hooi-Ling Lee
Nathan Leigh

Carolina Lizarazo-Castillo
Mike McGinnis
Jackie O'Neill
Ryan Richards

Consultant: Attila Pavlath

Staff Liaison: Lori Brown

M. Local Section Activities

The Committee on Local Section Activities (LSAC) is completing its review of the 2020 local section annual reports. LSAC is pleased to report that despite COVID restrictions, many local sections remained active, engaging their members in new and innovative ways. In total, over 950 events were submitted in conjunction with the local section annual reports; 230 events were nominated for ChemLuminary Awards and 46 local sections self-nominated for the Local Section Outstanding Performance Awards. LSAC reviewer comments for completed annual reports are now available in ACS Community Connection. Local section officers and councilors are encouraged to read the reviewer comments and to provide responses, if applicable.

In June, LSAC completed the review of Members Engaging Through Technology Grant submissions and authorized funding a total of \$24k to 15 local sections. LSAC will complete their review of the Fall 2021 Innovative Program Grant (IPGs) and will notify local sections of their award status shortly after the national meeting.

The following funding opportunities will be available for local section later this year:

- | | |
|---|----------------------------|
| • Science Café Mini-Grant | Deadline: October 15, 2021 |
| • Diversity Equity Inclusion and Respect Grants | Deadline: November 2021 |
| • Strategic Planning Retreat Grants | Deadline: November 2021 |
| • ACS Leadership Institute Travel Stipends: | December 2021 |

LSAC is pleased to announce that the 2022 ACS Leadership Institute is scheduled for January 21-23, 2022 in Atlanta, GA. Based on the success of the track refresher sessions from this year's ACS Leadership Institute Experience, LSAC will supplement the weekend training with a series of virtual sessions throughout 2022. More details regarding registration and participation will be available later this Fall.

Local Sections that would like the assistance of LSAC are encouraged to email lsac@acs.org.

W. Matthew Reichert, Chair

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Anna G. Cavinato
Betty Jo Chitester
Eileen M. DiMauro
John Engelman II
Nick O. Flynn
Amanda Hofacker Coffman
Michael J. Kenney
John Z. Larese
Louise Lawter

Beth Lorsbach
Natalie L. McClure
Mark Mitchell
Kim M. Morehouse
Eileen M. Nottoli
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L. Kraig Steffen
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N. Meetings and Expositions

2021 Spring Virtual Meeting

The Committee on Meetings and Expositions (M&E) is pleased to report on a successful 2021 Spring Virtual Meeting. Building on feedback from the 2020 Fall meeting, the Joint Committee on the Spring Meeting was established to give input to the meeting concept. At the onset and throughout the planning process, M&E involved critical stakeholders, including program chairs and division leaders. The recommendations from these multi-faceted vantage points merged into a first for ACS, a four-week, two-component virtual construct. Based on anecdotal comments, the meeting proved to be effective and popular among attendees and presenters.

The first two-week component encompassed live broadcast presentations along with ACS-sponsored and division-led networking opportunities complemented by our longstanding Kavli Lecture Series and several thought provoking keynote events. The two-week on-demand event that followed was enhanced by a live inter-divisional poster event.

The meeting concluded with an impressive set of numbers:

- 12,533 attendees
- 2,748 international participants representing 73 countries
- 883 live broadcast sessions
- 5,847 speaker presentations
- 2,466 on-demand sessions

2021 Fall Hybrid Meeting

With the theme *Resilience of Chemistry*, the 2021 Fall Meeting will be the first hybrid meeting for ACS. Plans for the meeting content and structure are in the final stage. As a hybrid, the meeting will have a dual track of in-person and virtual sessions. Both will take place August 22-26. The in-person component will be held at the Georgia World Congress Center in Atlanta, GA and many of those sessions will be broadcast live as part of the virtual component. On-demand content will be available August 30-September 30. Members can now [register](#) and [book their hotel](#).

Division-planned networking events will occur throughout the meeting and the platform will afford attendees the opportunity to access a global chat feature to interact with others. Poster presentations will take place in-person and virtually during scheduled sessions, providing capability for live interactions. Posters will be on-demand in the virtual platform from August 22 through September 30. Like the Spring meeting, the Fall meeting does not include an expo. Groups and companies can participate in a variety of hybrid, in-person, and virtual sponsor opportunities. Details are available in the [Sponsorship Prospectus](#).

Regional and Specialty Meetings

Members of the M&E Subcommittee on Regional Meetings have been proactive in their outreach to local sections and regional meeting organizers. They have provided several new tools, including the *Virtual Meeting Support Pilot Program for Regional Meetings*, that give guidance to local sections on successful strategies for a virtual or hybrid regional meeting. The Regional Board Liaisons Initiative, launched this Spring, has the goal to create a more productive connection between region boards/regional meeting organizing committees and the M&E Committee. This new channel of engagement is a useful tool for M&E members to share new opportunities and information on meeting planning.

Three successful virtual regional meetings were held this Spring. All four Fall and Winter regional meetings will be in person. Each meeting website can be accessed from the [ACS Regional Meetings webpage](#).

More than 13,000 attendees participated in the June 14-18 Annual GC&E Conference with the theme *Sustainable Production to Advance the Circular Economy*. Daily, the conference included a keynote address, two two-hour block technical sessions, a poster event, and a networking activity. Information on the conference content is available on the [meeting webpage](#).

The [PacifiChem 2021 Congress](#) will be hybrid. The simultaneous in-person and virtual components will take place December 16-21 with the in-person portion held in Honolulu, HI. Registration for both components will open in August.

Task Force on the Future of Meetings

Co-chaired by M&E Chair Rick Ewing and board member Lee Latimer, the Board-established Task Force on the Future of Meetings (TFFM) has the goal of creating a new paradigm for ACS-sponsored and affiliated meetings. After a two-year endeavor, the TFFM presented its report at the June 2021 Board meeting. The well-received report contained 25 recommendations in five areas: platforms, programs, member experience, Expositions, and Career Development. Several of the recommendations, particularly on hybrid meetings, are underway by DMES already. As appropriate, the recommendations are being distributed to committees and departments for consideration.

ACS Staff Support

M&E activities give its members opportunities to interact with ACS staff beyond the staff liaison relationship. The successes we achieved with our 2021 meeting are related directly to the valuable support ACS staff gave to these meetings. They served as technical producers, filled in as session moderators, staffed networking events, and much more. The unprecedented level of staff involvement limited the challenges to building our virtual and hybrid portfolios.

Rick Ewing, Chair

Christine M. Aikens
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Roger A. Egolf
Benny D. Freeman
Karen I. Goldberg
Christian R. Goldsmith
Kevin R. Kittilstved
Dale J. LeCaptain
Margaret S. Levenberg
Kathryn Louie
Mary Ann Meador

Michael D. Mosher
Mamie W. Moy
D. Paul Rillema
Robert E. Sammelson
Barry J. Streusand
Stephen G. Tadj
Frank J. Torre
Kathryn E. Uhrich
Dean C. Webster
Scott W. Wildman
Edward P. Zovinka

Robin Preston, Staff Liaison

O. Membership Affairs

The ACS Committee on Membership Affairs (MAC) remains focused on ensuring that our membership remains vibrant, relevant, and useful to chemical scientists and engineers worldwide. In accordance with this Council's overwhelming approval in March of the new membership packages, I am pleased to report that implementation is well underway to deliver a positive and tailored experience for all new and returning members during the 2022 membership term.

As members come up for renewal in the new year, all Regular Members will have a choice between two paid membership packages. The first is a **Premium Package**. This option has all the same membership benefits of our current membership, but at a slightly lower price point. The second is our **Standard Package**. This option has a scaled down set of benefits for an appropriately reduced price.

Whether a member selects the Premium or Standard Package, they are all still considered full Members of the Society in good standing. To support this tiered model, we performed extensive research. Market tests and surveys demonstrated that the new, Standard Package is attractive to audiences that traditionally may not have been well served by ACS's one-size-fits-all membership model, including industrial and international audiences.

As described in the governing documents, Retired and Emeritus Members retain the Premium benefits that they know and love, also at a reduced price point. Similarly, Society Affiliates of ACS will receive access to the Premium Package at a lower price—without the ability to vote and serve as spelled out in the Governing Documents.

In addition, we are delighted that Council approved a significant price reduction for both undergraduate and graduate students in the March vote. All students will receive the Premium Package. Research affirmed the lower price point will encourage higher levels of student participation in ACS, empowering us to build a much stronger and more engaged pipeline of future leaders.

MAC is also excited about the launch of the transformational **Basic Package**, allowing greater accessibility to the entire global enterprise that we serve. This no-cost option qualifies individuals as Associates and strengthens ACS's ability to serve our mission by building improved and increased engagements between the Society and the chemistry community. Our testing and simulations showed a strong interest in this option among those that were already participating in ACS offerings, which deepens our interactions with existing Society customers. Initial focus will be on building a strong base of Associates through intake of Society-wide communities (e.g., webinars, conferences) and then encouraging them to upgrade into a paid option based on their needs. MAC acknowledges that this Associate opportunity will go a long way to ensuring that we more easily retain the 15-20% of our members that would otherwise lapse and fall off the rolls in a traditional year.

Communications to all members about these important changes are ramping up, and we stand ready to continue to engage the community during this exciting transition. For those of you who will be attending the in-person portion of the meeting, I encourage you to stop by the membership area in the convention center lobby to ask any questions about these upcoming changes. If you will not be physically attending, or would like to learn more, please sign up for an upcoming virtual "town hall" on Tuesday, August 10, at 3:00 p.m. ET (tinyurl.com/MemTownHall8-10), Thursday, August 12, at 6:00pm ET (tinyurl.com/MemTownHall8-12), or send any questions to mac@acs.org.

Lastly, the Committee wants to remind all ACS members of the unique role they play in ensuring a vibrant ACS, especially with the upcoming launch of the new packages. While we believe that these packages will go

a long way towards ensuring a vibrant and robust membership community, there is no substitute for personal networking and sharing the value that you find in ACS with potential members. Your testimonials and individual passions for the Society are the strongest tool we have available and we thank you for all that you do to advance our mission.

Brian Mathes, Chair

Mary Anderson
Melissa B. Cichowicz
Joan M. Esson
Thomas R. Gilbert
David S. Gottfried

Alison G. Hyslop
Michael Knapp
Sarah J. Leibowitz
Leigh R. Martin
Justin A. Russak

Darlene K. Slattery
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Charles H. Weidner
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Warren D. Hull, Jr.
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Consultants

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Brian M. Eklov
Vanda Glezakou

Manibarsha Goswami
Sajid Jahangir
Myrna R. Otano-Vega

Anubhav Saxena
Sara Smith

Staff Liaison: Steven Meyers

P. Minority Affairs

The Committee on Minority Affairs (CMA) was organized in 1993, with the following charge from the ACS:

"To conceive, develop, coordinate and implement programs that are designated to encourage and support underrepresented minority involvement in the chemical sciences."

Now we are in 2021 and we are continuing our efforts on this charge. Our Mission, which was updated with our strategic plan in 2019, is as follows:

"Advancing a broader, inclusive and equitable chemistry enterprise by empowering underrepresented groups, stakeholders, and marginalized peoples for the benefit of the world."

CMA is currently a committee of 28 members and is divided into the following five Subcommittees:

1. Programs and Events
2. Membership Engagement and Professional Development
3. Communication
4. Awards and Recognition
5. Scholars

During the ACS meetings, CMA will come together and discuss where we are as a whole with regards to our Goals. The committee currently three goals, which we are working on to see through as we progress through this year and beyond.

1. Increase diversity awareness by providing professional development and recognition opportunities to underrepresented groups within the chemical sciences.
2. Strengthen ACS programming to reflect a broader inclusive and equitable chemistry enterprise.
3. Enhance shared expertise in effective diversity, equity and inclusion content and act as a resource to stakeholders.

To work towards Goal 1 in 2021, CMA submitted an ACS Fellows nomination for an outstanding scientist, educator, mentor, and member of an underrepresented group. Additionally, the CMA is working on an article submission, through ACS publications, which highlights the works of CMA and stresses the importance of diversity, equity, inclusion and respect to society as a whole.

In alignment with Goal 2, CMA has a continued presence at National and Regional meetings and have planned several events for 2021 that align with this strategic goal. For the Fall ACS 2021 meeting, CMA will be holding a symposium honoring Dr. Bob Lichter. This symposium will be held on August 23rd in a hybrid format and will feature 11 speakers celebrating Bob's dedication to the ACS Core Value of Diversity, Equity, Inclusion, and Respect (DEIR). We will also be holding a half day joint meeting symposium with ANYL at the meeting celebrating under-represented analytical chemists. Later in the Fall, CMA is planning a Stan Israel Award Symposium at the SERMACS meeting. These activities would increase the awareness of work being done by underrepresented chemists or issues being faced by them, or strategies which can be used by chemists to make the workplace more equitable.

With regards to goal 3, CMA has and continues to work on being a resource on DEIR, through working on communicating these topics through various approaches such as a DEIR summit, publications, and webinars as illustrated through the activities above.

Working on the above three goals, and ultimately our Mission and Vision, gives members of underrepresented communities a voice to be heard and a face to be seen and recognized. We believe that for ACS to be successful, we need to respect all of our underrepresented members and allow them the opportunity to be heard and recognized. This would allow for a more cohesive Society which would be much more productive than it has been.

We welcome ACS members to visit us and learn about our activities at our website, ChemDiversity.org.

Kishore K. Bagga, Chair

Seth Y. Ablordeppey	Steven A. Lopez
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Shanadeen C. Begay	Victoria Shayla Parker
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Comfort A. Boateng	Rosalynn Quinones
Raychelle Burks	Juan Carlos Ramos
Benny C. Chan	Armando M. Rivera-Figueroa
Patrick M. Gordon	Michael Santiago
Navneet Goyal	Thomas W. Smith
Julius Green	Alyssa C. Thomas
C Michael Greenlief	Javier Vela-Becerra
Christopher E. Hobbs	Celia Williams
Robert M. Hoyte	Donald C. Zapien
Reni Joseph	

Staff Liaison: Benjamin Fiore-Walker

Q. Nomenclature, Terminology, and Symbols

In support of the Committee on Nomenclature, Terminology, and Symbols (NTS) mission to educate, facilitate and advocate for the use of chemical representations that support a universal understanding of chemistry, here are highlights of some of the work the committee has been doing on projects in support of our three goals.

Goal 1: Achieve a common language of chemistry by educating its practitioners. NTS is submitting abstracts for a symposium and workshop focusing on the teaching of chemical nomenclature and structure representation for the BCCE 2022.

Goal 2: Facilitate the interaction of chemists to implement appropriate chemical representations.

Goal 3: Advocate for the use of a common language of chemistry. NTS and the National Technical Institute for the Deaf (Rochester Institute of Technology) have partnered to develop of standards for signing the elements of the Periodic Table of the element. The project will be completed by early 2022 and will include public-facing videos demonstrating the ASL signs for each element. The goal is to reach educators, students, and interpreters.

Michelle Monnens Rogers, Chair

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Aleksandar Goranov
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Joseph Macor
Adam Sturlaugson
Hayley Brown
Omar Christian
Allen Clauss
Kimberly Fields
Ben Haenni
Sharon Haynie

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Maria Kriz
Susanne Lewis
Sally Mitchell
Graham Peaslee
Daniel Rabinovich
Jeffrey Rahn
Philip Verhalen
Tad Whiteside
Wayne Wolsey

Staff Liaison: Molly Strausbaugh

R. Patents and Related Matters

Recognizing the importance of a vibrant and functioning intellectual property system, the Committee on Patents and Related Matters (CPRM) serves as a provider of information and guidance to the ACS and the broader chemistry community about patent matters and other important intellectual property issues. In this role, CPRM recently helped to revise the Society's Intellectual Property Public Policy Statement. CPRM continues to monitor ongoing Congressional proposals to amend the Patent Act and other relevant legislation and seeks to identify opportunities for ACS to advocate on the importance of intellectual property. One way that CPRM stays informed about legislation that may impact intellectual property and the chemical enterprise is through the ACS's legislative network, Act4Chemistry. If you are not already a member of the network, please join. <https://www.acs.org/content/acs/en/policy/memberadvocacy/sign-up-form.html#/signup/go/>

CPRM has created - and continues to develop - numerous educational materials to inform ACS members and the public about intellectual property as well as possible careers in intellectual property. The committee has completed its revised version of the "What Every Chemist Should Know about Patents" booklet. CPRM's educational materials are available on its website and welcomes suggestions on other areas in which it can provide information <https://www.acs.org/content/acs/en/about/governance/committees/patents.html>.

CPRM also proposes nominations of notable inventors for several external awards recognizing chemists and chemical engineers and is reaching out to Divisions to identify potential nominees, as they have more direct knowledge of inventiveness in their respective fields. Recently, as the result of CPRM's efforts, Dr. Margaret Wu, ExxonMobil's Emeritus Senior Scientific Advisor, and a past recipient of the American Chemical Society Industrial Chemist Award, was selected for membership in the National Inventors Hall of Fame. The committee welcomes any nominations or input on possible nominations.

CPRM continues to collaborate with the U.S. Patent and Trademark Office (USPTO) to improve the patent process for the benefit of the chemistry community by securing volunteer chemists and chemical engineers, both from industry and academia, to participate in USPTO's Patent Examiner Technical Training Program. This valuable service helps patent examiners keep pace with the recent developments in chemistry. Please take the opportunity to participate in this outstanding program.

If you would like to work with us on any of these matters, please contact us at Patents@acs.org.

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Richard G. A. Bone
Joonhyung Cho
Andrew Coates
Michael Jaffe

Richard D. Jordan
Justin Krieger
Diana F. Mederos
Xavier Pillai

Michael C. Pirrung
Suguna H. Rachakonda
Jonathan L. Sessler
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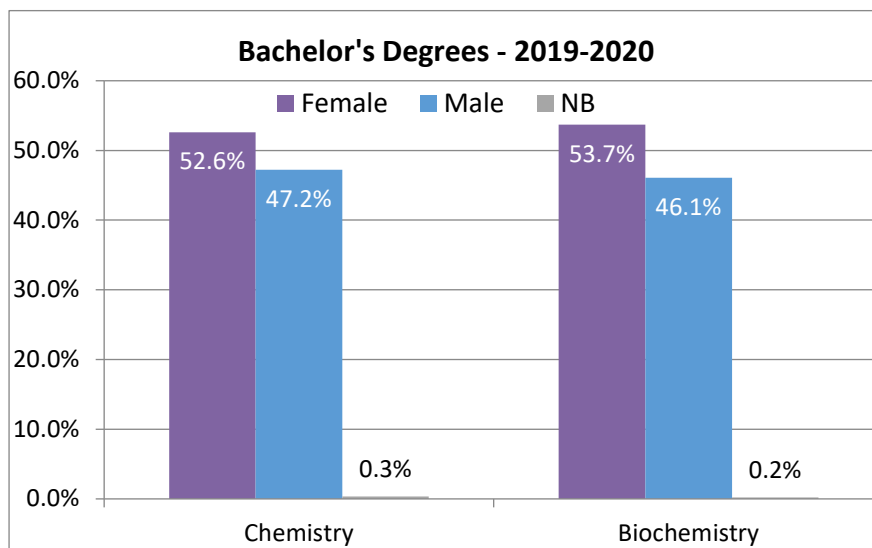
Aliza Panjwani
Howard M. Peters
Eric S. Peterson

Staff Liaison: David T. Smorodin

S. Professional Training

In support of its vision to maintain and lead excellence in training chemistry professionals in the 2020s, the Committee on Professional Training's (CPT's) portfolio now contains almost 700 colleges and universities with ACS approved chemistry programs. In 2019-20, these programs graduated over 11,000 students with bachelor's degrees in chemistry and over 8,000 students with bachelor's degrees in biochemistry.

Enhancements to the Approval and Review Process: 2021 marked the full return of the standard reporting calendar for approved institutions using the new online reporting and reviewing system, CPARS (Chemistry Program Approval and Review System). Now both institutions and CPT reviewers use CPARS to submit and process pre-applications, applications, annual reports, and periodic reports. An extensive array of tutorials and training guides provide broad support to navigate CPARS and enhance the user experience. A major advantage of the new system is its ability to streamline the review process for approved programs with future periodic report submissions.



Approval and Review Statistics: While most academic programs did not return fully to face-to-face instruction in 2020-21, the ACS approval and review process continued without interruption. Since our last report in spring 2020, CPT will have held 8 meetings (all virtual due to the COVID-19 pandemic) to review 114 periodic reports. Furthermore, 8 programs applying for approval met virtually with CPT subcommittees in lieu of in-person conferences at ACS national meetings. CPT members expressed strong support for the virtual format for these conferences as these opportunities enabled a wider engagement of individuals from the programs seeking approval and provided CPT with a more comprehensive assessment of each program. For the first time site visits (the final step in the approval process) were completed virtually with an additional 5 programs.

Guidelines Revision: CPT's mission focuses on providing guidelines and setting standards for the training of chemistry professionals. The committee continued its work in developing and revising the ACS Guidelines for Bachelor's Degree Programs to both promote effective practices and encourage innovations in chemistry education. Modifications to the current guidelines will include a focus on the development of professional skills and competencies; promotion of a comprehensive view of safety; and recommendations for advancing diversity, equity, inclusion, and respect (DEIR) policies and educational practices in academic settings. The revised guidelines will further provide flexibility in assessing faculty workload while preserving department learning outcomes and ensuring that departments embrace inclusive educational practices. A restructuring of the guidelines format will aim to encourage programs to continually enhance their curriculum. The revised guidelines are expected to be published in 2022.

CPT Response to COVID-19: CPT provided guidance in 2020 to approved programs affected by COVID restrictions. The temporary adjustment of the Guidelines provided flexibility to programs and their majors in a variety of areas including frequency of course offerings, virtual laboratory experiences, and pass/fail grading. An update to the COVID guidelines will be released in August 2021.

Global Activities: In support of the ACS's vision for 2030, a "Bigger and Better ACS," a working group within CPT has been exploring the options for the evaluation of undergraduate chemistry programs internationally. This committee has been working to identify the key indicators of recognition in non-U.S. environments. As part of a pilot, the working group asked a small group of international institutions to prepare an application for review by CPT. At its January 2021 meeting, CPT approved the recommendations regarding the pilot process (e.g., application form, method of review, virtual conference); the assessment tools used to evaluate international programs; the nature of the feedback to provide to international applicants, and the wording for the recognition. After reports from the international review team, the committee supported the recommendation that both the Universidad del Valle and Swansea University "Meet the ACS International Guidelines." A third international program will be reviewed at CPT's August 2021 meeting.

Communication with the Chemistry Community: To enhance communication with chemistry approved programs and the wider chemistry community, the web page for the ACS Approval Program has been significantly enhanced (<https://www.acs.org/content/acs/en/education/policies/acs-approval-program.html>). The central location of links to the guidelines, the approval process, data and reports, etc. is a convenient and up-to-date resource. Also, a new quarterly ACS Approval Program Newsletter features timely program information and insights into the excellent chemical education provided by ACS Approved programs nationwide.

Kerry K. Karukstis, Chairperson

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Bill Carroll
Kimberley Frederick
Gina Frey
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Staff Liaison: Dr. Michelle M. Brooks

T. Project SEED

Summer Programming Activities: Summer 2021 for Project SEED is an even bigger and better endeavor than last year. Following the success of the 2020 Virtual Summer Camp, and with the state of the pandemic in Q1 2021, the Committee on Project SEED approved a second year of the camp. This year's camp increased in size by over 25% (i.e., to over 360 students), and the program length was extended by one week. Even more volunteers worked with Project SEED with an increased number of speakers and a new volunteer mentor role, which allowed scientists to share their research with groups of students. Corporate support for the Virtual Summer Camp has come from 3M, Blueprint Medicines, Boehringer Ingelheim, DuPont, and Gilead.

Operating alongside the camp was a Virtual Research Pilot program, enlisting the participation of 11 Project SEED sites. The sites include the Eastern New York, Indiana, Lehigh Valley, Midland, North Carolina, Southern Nevada, and New Jersey ACS Local Sections, Blueprint Medicines (a pharmaceutical company headquartered in Boston, MA), and several universities (Gallaudet University, the University of Cincinnati, and the University of South Carolina). Among the sites, a combined 28 students are working on a variety of project models including projects that range from computational, to virtual lab shadowing, to even the creation of a chemistry graphic novel. The students will present their research during the Undergraduate Virtual Poster Session at the Fall 2021 ACS Meeting on Monday, August 23, from 11 a.m. to 12:30 p.m. ET.

Committee Meeting Activity: After revisiting and refreshing the Project SEED Strategic Plan, each objective was aligned to 1-2 subcommittees and two Strategic Plan Managers were appointed to ensure continuous and aligned efforts towards milestones and goals. The committee will be holding an Open Meeting this Fall to gather current and prospective mentors and coordinators. Please consider joining on Tuesday, August 24, at 3:00 p.m. ET by registering at <https://bit.ly/ProjSEEDOpen2021>.

Scholarship Activity: This year, 37 Project SEED students were awarded a one-year scholarship, and an additional four were selected for renewable scholarships, totaling \$250,000 total.

New Pilot – The Outstanding Project SEED Mentor Award: In lieu of the ChemLuminary award for an outstanding Project SEED site, the committee is piloting a Mentor Award. Between one and four outstanding mentors will be selected by committee vote. There will be a \$500 prize (per awardee) and plaque to the mentor(s), and acknowledgement of the efforts of the Project SEED site, the coordinator, and the mentor on the Project SEED website and annual report. To learn more and nominate such a mentor, please email projectseed@acs.org.

Bryan W. Boudouris, Chair

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Peggy Sue Biser
Maria Bohorquez
Carolyn A. Burnley
Omar E. Christian
Zachary S. Davis

Steven A. Fleming
John Hartman
T. Angele Kwimi
Susanne M. Lewis
Ajay Mallia
Douglas S. Masterson

Michelle L. Rivard
Judith F. Rubinson
Jeffery W. Seyler
Barbara Sitzman
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Miriam Gulotta
Javoris Hollingsworth

Kimberly Jackson
Jason Lawrence McAfee
Bryant C. Nelson
Kevin Pate

Emily Smith
Aimee L. Tomlinson
Kristopher V. Waynant

Staff Liaison: Racquel Jemison

U. Public Relations and Communications

The Committee on Public Relations and Communications (CPRC) met virtually on March 3 and May 24 and will meet again virtually in September. CPRC continues to implement the strategic plan developed in 2020 to better assist ACS members, local sections and divisions in more effectively communicating about their activities and the value of chemistry to a variety of audiences.

- Members of CPRC and the Women Chemists Committee organized and held a panel discussion and “call-to-action-a-thon” about sexual harassment in the wake of the film “Picture a Scientist.” The panelists were Dr. Tessa Charlesworth, a social psychologist at Harvard University; Dr. Alysha Dicke, a technology specialist at Fish & Richardson; and Dr. Margaret Frasier, Director of Diversity and Inclusion for the American Geophysical Union. Ideas for moving forward were captured during and subsequent to the event.
- The CPRC Public Relations Makeover Initiative overs are led by the PR Makeovers Working Group in conjunction with the ACS Units PR Support Subcommittee. From August 2020 through June 2021, makeovers have been completed for four local sections and one technical division. Local sections, technical divisions and committees are invited to submit requests to CPRCMakeovers@gmail.com to have their webpages, newsletters and other communications products reviewed.
- As part of CPRC’s development of shareable resources, the Promoting Successes Subcommittee created a process for identifying and celebrating successful communications strategies employed by ChemLuminary Award winners.
- CPRC will delay its reception for the Grady-Stack winner until 2022, and we are working with the 2021 winner to determine when to hold the award symposium.
- CPRC acknowledges that Helen Free, for whom ACS’ Helen M. Free Award for Public Outreach was named, passed away on May 1. Obituaries for Free ran in major news outlets including BBC Radio 4 (U.K.), the Guardian (U.K.), the New York Times, the Sunday TODAY Show, the Wall Street Journal, and the Washington Post.
- Any section that needs help communicating with public audiences is urged to contact CPRC staff liaison Elizabeth Zubritsky, Assistant Director of Society & Media Communications (PR-comms@acs.org).

Amber Charlebois, Chair

Paul F. Brandt
Amber F. Charlebois
Judith H. Cohen
Amina K. El-Ashmawy
Micheal W. Fultz
Andrea Giordano
Scott R. Goode
Steven C. Hayden
Janan M. Hayes
Lynn Hogue
Mark E. Jones

Hiroko I. Karan
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Preston J. MacDougall
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Samina Azad

James F. Garvey

Ann C. Kimble-Hill

Massoud (Matt) Miri

Alyson E. Mitchell

Gregory R. Wiedman

Consultant: Mike Lawrence

Staff Liaison: Elizabeth Zubritsky

V. Publications

The Committee on Publications met and discussed the following:

The committee elected Kay Brummond as vice-chair, who will serve in that capacity from March 16, 2021, to December 31, 2021.

The President of the ACS Publications Division provided an update on year-end performance for 2020 and a preliminary outlook on 2021 developments along with strategic priorities of relevance to the committee.

The journal monitoring reports for *ACS Chemical Neuroscience*, *ACS Earth and Space Chemistry*, *ACS Energy Letters*, *ACS Omega*, *ACS Photonics*, *ACS Sustainable Chemistry & Engineering*, *Inorganic Chemistry*, *Journal of Proteome Research*, and *The Journal of Organic Chemistry* were presented, discussed thoroughly, and accepted with thanks. Editor reappointments were reviewed and recommendations to the ACS Board were made.

Jerzy Klosin, Chair

Anthony W. Addison
Frank D. Blum
Kay M. Brummond
Lin X. Chen
Paula Diaconescu
David A. Dixon
Jessica M. Hoover

Malika Jeffries-El
Julia Laskin
Xiaosong Li
Gary B. Schuster
Gregory N. Tew
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Associates

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Y. Jane Tseng
Michael S. Wong
Liangli (Lucy) Yu

Staff Liaison: Debra A. Davis

W. Science

This report updates the Council on ComSci's activities since holding its virtual meeting on March 13, 2021.

The Committee on Science (ComSci) produced an ACS webinar on "Solving the Plastics Problem through Chemistry" on April 28. The webinar featured speakers from government agencies and attracted 648 online attendees. ComSci co-produced a series of webinars, "Frontier Fridays," with ACS President H. N. Cheng. Topics included "Skin-Inspired Organic Electronics" on May 28; "Lithium-ion Batteries" on June 11; and "Artificial Molecular Machines" on June 25. The three webinars engaged a combined live audience of 1,727 attendees. ComSci is also organizing a Presidential symposium on "New Frontiers and Opportunities for Chemistry" at the Fall 2021 ACS National Meeting, along with a session on "The Chemical Professional's Response to the Global Pandemic."

The committee is providing input on a revised ACS Energy Policy Statement and will consider this statement for action during its meeting in August.

Martin G. Kociolek, Chair

Jane V. Aldrich
Rudy M. Baum
Steven M. Bonser
Mary K. Carroll
Katharine J. Covert
Matthew A. Fisher
Diana Gerbi
Emily R. Grumbling

Robin J. Hood
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Divisional Representatives

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Ronald E. Hunter
Laura Lee McConnell
E. Ann Nalley
Bob A. Pribush

Staff Liaison: Mary Kirchhoff

X. Senior Chemists

In response to suggestions from its 2020 webinar “[Senior Chemists Action Agenda to Address Systemic Racism](#)”, the Senior Chemists Committee (SCC) has initiated new opportunities to advance the ACS strategic goal and support ACS organizational efforts to address its Core Value of Diversity, Equity, Inclusion, and Respect (DEIR). In December 2020, SCC piloted its “[Campaign to Support the ACS Scholars Program](#)” with a small group of current and former SCC members. Because of the success of this pilot and its desire to increase donations, SCC collaborated with the Office of Philanthropy and released its campaign to a broader audience in May with an email to all ACS senior chemists, a feature on its webpage, and articles placed in ACS online newsletters. SCC has also partnered with the ACS National Chemistry Week team on a “Great Connections” program – established to develop activities for kids to get them “chemistry friendly.” SCC’s long-term objective is to inspire underrepresented students in grades 3-5 to pursue science. And lastly, SCC will pilot a DEIR grant program for a technical division, international chapter, or any official ACS entity (other than a local section) looking to host activities and programs to advance the ACS goal. This program will be initiated in September 2021.

SCC submitted its nomination for the ACS 2021 Fellow Program and selected three local sections to receive SCC ChemLuminary Awards this year – two for the Best New Senior Chemists Activity and one for the Best Continuing Senior Chemists Activity. SCC received 22 applications for its Mini-Grant Program for Local Sections; 20 were approved for funding. Sections awarded were given suggestions for hosting virtual events – this was also done successfully in 2020.

For many younger chemists, participation in governance is their first experience in ACS leadership beyond the Local Section or Division level. This year, SCC and the Young Chemists Committee (YCC) worked together to establish a Co-Mentorship Program where both committees have identified ways to contribute value to mentoring relationship. The program was initiated in March with a survey, consensus on guidelines, co-mentoring assignments, and introductions. Seventeen SCC and YCC member pairs are participating in the program.

“[Senior Chemists in Action](#)” was the title of the SCC Comment featured in the May 27 issue of *Chemical & Engineering News*. The article, authored by Robert Yokley, highlighted SCC’s activities, including Local Section events supported by SCC and its mission to build bridges between young and experienced chemists – advancing the field with vital training and financial support. *The Newsletter for Senior Chemists – Chili Peppers, Amazing Stories, Investing, and Retirement Post COVID-19* was released in July, and featured articles on senior chemists’ trials, triumphs, and transitions over the past year during the pandemic.

SCC hosted a two-hour virtual committee meeting on Monday, August 9, and co-sponsored a Planning Retirement symposium with the Divisions on Professional Relations and Small Chemical Businesses on Monday, August 23. SCC is hosting a virtual “coffee hour social” event with keynote speaker, William Carroll, Jr. on Tuesday, August 31. The program is co-sponsored by the ACS Office of Philanthropy and ACS Webinars. The theme is “The Post-COVID Chemistry Economy.” SCC is working with YCC, the Undergraduate Programs Advisory Board, and the ACS Business Development & Management Division on a networking event for chemistry professionals and undergraduates to take place on Sunday, September 12.

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Y. Women Chemists

The Women Chemists Committee (WCC) continues to pursue its mission to attract, retain, develop, promote, and advocate for women to positively impact diversity, equity, and inclusion in the Society and the profession.

The following action items have been implemented by the WCC since the Fall ACS National Meeting. Work done by the WCC positively impact the Society and its members, by bringing awareness of issues important to women chemists and by providing a platform to allow the Society members to openly discuss these issues.

1. Picture a Scientist: Call to Action-A-Thon Webinar: On May 22, CPRC and WCC co-sponsored a one-hour panelist discussion on sexual harassment. Held virtually, the three-person panel reflected on *Picture a Scientist* and provided the audience insight into stopping harassment. Raychelle Burks, one of the scientists from *Picture a Scientist*, provided enlightening comments in a recorded video played during the webinar.

2. WCC Merck Research Award Symposium: A symposium honoring the eight winners of the WCC Merck Research Award was held on Sunday, August 22, during the Fall ACS National Meeting. The WCC Merck Research Award is given to eight outstanding female 3rd and 4th year graduate students. Applications for the next WCC Merck Research Award cycle will open soon.

3. Sexual Harassment in Science: Continuing the Conversation Symposium: On August 23, the WCC sponsored a symposium at the Fall ACS National Meeting resuming the dialogue on sexual harassment. In the two sessions, speakers discussed the sociology and psychology from harassment and the response from universities, industry, and professional societies. Following the two sessions, a guided town hall discussion was held to have a more candid discussion about sexual harassment with the panelists and other ACS members.

4. Resilience (of Women) in Chemistry Symposium: This past spring, WCC co-sponsored an ACS webinar entitled *Resilience of Women in Chemistry*. A continuation of this conversation occurred during the Fall ACS National Meeting. On August 22 and 23, the WCC sponsored a symposium showcasing the challenges women faced during the pandemic and how they overcame them, including insights into the sources of their resilience. The virtual and in-person sessions provided an avenue for participants to voice their concerns and success stories.

5. Nomination of Prominent Women Chemists for US Quarters: The US Mint put a call of nominations of prominent, deceased American females to be honored on US quarters from 2022-2035. The WCC developed a list of 13 female chemist nominees which was approved by the ACS Board of Directors and was submitted to the US Mint for consideration.

The WCC is continuing discussions how to best engage Society members outside the National Meeting and how to positively impact diversity, equity, and inclusion in the scientific community.

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Z. Younger Chemists

Since the spring National meeting, the YCC continued to make progress towards our 2021 goals. At the end of April, the YCC and the Senior Chemists Committee (SCC) launched a co-mentoring program between members and associates of the committees. Mentors and mentees were paired based on a detailed questionnaire taking into account professional interests and ACS experiences. Some of the anticipated objectives for the program include knowledge sharing about career pathways, opportunities for involvement in ACS governance, and best practices using communication tools.

Several YCC members are in the process of reviewing our 2018 Strategic Plan to measure progress against our three goals of: advocating for younger chemists' needs, concerns, and contributions; providing tools and support to younger chemists for diverse career opportunities and development; and fostering and connecting communities of younger chemists around the world. We are aiming to hold another Strategic Planning Retreat in 2022.

The YCC will host a virtual committee meeting on Saturday, August 14. During the meeting, the committee will host several ACS speakers, as well as participate in subcommittee rotation sessions to promote collaboration between teams. A social for members of the committee will follow. Several YCC members will also be attending the Atlanta National meeting in-person. Please feel free to reach out during the meeting to learn more about our activities.

During the Atlanta National meeting, the YCC is sponsoring the popular symposium "How to Get Your First Industrial Job." We are also co-sponsoring a symposium with the Division of Professional Relations (PROF), "Underrepresented PhD Representation in the Private Sector & The Role of Industry in Closing the Demographic Gap." Also in August, the YCC is collaborating with the International Younger Chemists Network (IYCN) to host an interactive workshop on soft skills for younger chemists at the virtual 2021 IUPAC World Chemistry Congress and Canadian Chemistry Conference & Exposition. We are also looking forward to the virtual Networking with Chemistry Professionals event organized with the SCC, featuring SCC and YCC panelists in academia, industry, and government, on September 12.

The YCC regularly updates our Facebook ([ycc.acs](https://www.facebook.com/ycc.acs)), Twitter ([@ycc_acs](https://twitter.com/ycc_acs)), and [LinkedIn](https://www.linkedin.com/company/ycc-acs) social media accounts. Please also check out our website (<https://acsycc.org/>) to stay up-to-date on our activities.

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