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AMERICAN CHEMICAL SOCIETY

Council Agenda

Wednesday, August 24, 2022

8:00 AM PT

10:00 AM CT

11:00 AM ET

HYBRID MEETING

Sheraton Grand Chicago Riverwalk Hotel

Sheraton Chicago Ballroom IV-VII

Contact secretary@acs.org for
detailed meeting information and certification
Councilors **MUST** be certified by August 1, 2022

AMERICAN CHEMICAL SOCIETY
 COUNCIL HYBRID MEETING
 August 24, 2022
 10:00 A.M. CT; 11:00 A.M. ET; 8:00 A.M. PT
 Chicago, Illinois

AGENDA

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A. Resolutions

**DRAFT
MINUTES
COUNCIL**
AMERICAN CHEMICAL SOCIETY
March 23, 2022
Virtual Council

After affording each member of the Council the opportunity to sign onto the Virtual Council platform, 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 23, 2022, beginning at 8:00 a.m. PT. Angela Wilson, President of the Society and of the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives totaling 441 were present (attendance list attached):

Ex-Officio: 26; ***Bylaw:*** 1; ***Divisions:*** 80 (6 were Alternate Councilors); ***Local Sections:*** 334 (18 were Alternate Councilors, and 3 Temporary Substitute Councilors); and 12 Nonvoting/Noncouncilors (staff and others). Approximately 58 observers were in attendance.

Resolutions

The Council ADOPTED the following resolution as presented by ACS Past President Catherine Hunt:

1. BE IT RESOLVED that the Council, Board of Directors, and Staff of the American Chemical Society note with profound sorrow the passing of their colleague and friend Nancy B. Jackson, a longtime dedicated and active member of the Society, remembering with admiration and deep appreciation her service to the Society as its President in 2011, a member of the Board of Directors from 2010 to 2012, a member of numerous ACS bodies, and a member of the Society for 42 years.

Nancy was a leader in the nonproliferation of chemical weapons, dedicated to the cause of preventing chemicals from being misused as weapons, pollutants, poisons, and explosives. From her service in the ACS Presidential Succession, she is remembered especially for her leadership and advocacy during the International Year of Chemistry in 2011, when she travelled to more than 15 countries to encourage global collaboration.

Among her many honors and recognitions, Nancy was a member of the 2013 class of American Chemical Society Fellows and received the AAAS Award for Science Diplomacy for her work to establish the Chemical Security Engagement Program and for her tireless devotion to advancing the careers of scientists worldwide - especially women chemists. As part of her efforts to promote diversity in the sciences, she worked with the American Indian Science and Engineering Society throughout her career, urged tribal colleges to join the Science and Technology Alliance, and served as Chair for the ACS Committee on Minority Affairs.

The Society's members and leaders honor her memory and her contributions to the chemistry enterprise and to the ACS, and extend sincere condolences to her family, colleagues, and friends around the world.

The Council ADOPTED the following resolution as presented by ACS CPC Vice-Chair Donna Friedman:

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

- Thomas R. Beattie, Independent Consultant and Councilor for the San Diego Section from 2004 to 2021.
- John Z. Larese, Faculty Affiliate at the Joint Institute of Advanced Materials and the Shull -Wollan Center - Joint Institute for Neutron Sciences, and Councilor for the East Tennessee Section from 2016 to 2021.
- Doris L. Zimmerman, Kent State University, Adjunct Faculty and Councilor for the Penn-Ohio Border Section from 2008 to 2022.
- Jeff W. Seyler, Professor and Acting Department Chair, University of Southern Indiana, and Councilor for the Indiana-Kentucky Border Section from 2007 to 2019.
- Terrill D. Smith, Retired Professor, University of Central Oklahoma, and Councilor for the San Antonio Section from 2009 to 2013 and Oklahoma Section from 1990 to 2002.
- George J. Lechner, Retired, Xerox Corporation, and Councilor for the Silicon Valley from 2006 to 2019.
- Ruth Ann Woodall, Executive Director of Tennessee Scholars Nonprofit, and Councilor for the Nashville Section from 2008 to 2022.

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

Approval of Minutes

3. The Council ADOPTED, without objection and as distributed, the minutes of the meeting of August 25, 2021.

Nominations and Elections

Julianne Smist, committee chair, Committee on Nominations and Elections (N&E), in accordance with the provisions of Standing Rule IV, Sec. 6, b. and c, presented the following nominees for selection as candidates for President-Elect 2023: Frank D. Blum, Mary K. Carroll, Rigoberto Hernandez, and Ingrid Montes. Each of the nominees provided remarks to Council.

4. The Council VOTED to select Mary K. Carroll and Rigoberto Hernandez as candidates for President-Elect 2023.

Smist introduced the candidates for the Board of Directors, chosen by voting Councilors in District II and District IV for the election to be conducted this fall for the 2023-2025 terms: District II, Kimberly Agnew-Heard and Marcy Towns; District IV, Christopher J. Bannochie and Lisa Houston.

Smist then announced the following candidates for Director-at-Large on the Board of Directors: Milagros (Milly) Delgado, Malika Jeffries-El, Will E. Lynch and Ellene Tratras Contis. The two successful candidates will fill the 2023-2025 terms.

Reports of Society Officers

President Angela Wilson reported the following: She organized various presidential symposia, a workshop and an outreach event during the San Diego meeting and detailed her planned presidential activities for the fall meeting in Chicago. She encouraged Councilors to access the ACS Institute to learn more about the upcoming Center for Entrepreneur Education, volunteer for national committee service, and become more involved with Project SEED and ACS Scholars Program.

President-Elect Judith Giordan reported the following: She outlined her main themes of trust in science and scientists; building and strengthening the neXus of science, career development, societal, and market need for all our members at the local section, regional and national levels of ACS; and furthering Diversity, Equity, Inclusion and Respect (DEIR) as a foundational element. For each of these themes she outlined her current and planned initiatives for both this year and next.

Immediate Past President H.N. Cheng reported the following: Growth, Collaboration, and Advocacy continue to be the theme of his initiatives, focusing on various ways to grow the chemical enterprise. For each of these initiatives, he detailed the symposia, talks, and collaborations he has helped organize to connect ACS members.

Board Chair Paul Jagodzinski reported the following: In January, the Board conducted an orientation for new Directors, in February the Board held additional sessions devoted to membership and executive compensation. At this meeting, the Board heard briefings from the CEO and his staff, the Presidential Succession, the Governing Board for Publishing, the Committee on Executive Compensation, and the Committee on Committees. The Board took action on recommendations from the Committee on Professional and Member Relations, and the Committee on Budget and Finance.

Chief Executive Officer Thomas M. Connelly, Jr. reported the following: The Office of DEIR continues to make progress on multiple fronts, with Raj Mukhopadhyay as Vice President of this office, and Sue Morrissey, Vice President of Communications and Publisher of Chemical & Engineering News (C&EN), to his Executive Leadership Team. ACS Publications and the Education unit worked together to launch the [ACS Institute](#), as the center for online and in-person learning and training resources for the chemistry community. In December 2021, the Board approved the launch our four strategic initiatives: Advancing the Campaign for a Sustainable Future, Fostering the Skilled Technical Workforce, Enhancing the Accessibility of Research Data and, Extending the CAS Presence in the Life Sciences.

Reports of Elected Society Committees

Council Policy Committee (CPC)

Donna Friedman, committee vice-chair, reported the following: Through its working groups, CPC is examining data and continues discussions on the future structure and composition of Council. The Long-Range Planning Subcommittee hosted a New Councilor Virtual Orientation and Networking Session. Similar to this Council meeting, CPC voted to limit oral reports to Officers, Chairs of Elected Society Committees, and Chairs of committees that have action coming before Council at the fall 2022 meeting. CPC also helped plan and participate in a mock hybrid Council meeting in preparation for the planned fall hybrid Council meeting.

Committee on Committees (ConC)

Diane Krone, committee chair, reported the following: The committee approved the hiring of an external consultant to review whether Council-related committees should be disbanded, created, combined (clustered around themes), or remain the same. A new and improved committee online preference form will be launched shortly. The third Committee Census (formerly called the Demographic Survey) was launched earlier this year, and will be conducted every other year. ConC worked with the Committee on Chemists with Disabilities to help change the language of their duties to be more inclusive.

5. The Council VOTED to approve the Petition to Amend the Duties of the Committee on Chemists with Disabilities, subject to approval by the Board of Directors.

6. The Council VOTED to approve the continuation of the Committee on Chemists with Disabilities, subject to approval by the Board of Directors.

Nominations and Elections (N&E)

Julianne Smist, committee chair, noted that the committee is currently working with its vendor, RhythmQ, to develop a pilot program for more efficient and comprehensive slate development. N&E is also engaged in finalizing changes to Standing Rule IV-Elections Function. Updates and edits to the N&E Guidelines and Resource Manual have been completed. The committee reviewed the distribution of member population within the six electoral districts to assure that the districts have equitable representation. The year-end member population of each electoral district must be within ten percent of the average number of members residing in each district. The December 31, 2021, year-end report was in compliance.

Reports of Society Committees

Budget and Finance (B&F)

William Greenlee, committee chair, reported the following: In 2021, ACS generated a net from operations of almost \$79 million, which was almost \$48 million higher than budgeted. Total revenues were \$660 million, which was 5.2% - or \$32.6 million - over budget. Expenses for the year were \$581 million, which was \$15.2 million - or 2.5% - below budget. Unrestricted Net Assets, or reserves, increased by \$123 million to \$676 million as of December 31. The increase was primarily the result of the \$79 million net from operations and growth of the Society's investments totaling \$71 million. All five ACS financial guidelines were met in 2021, the fifth consecutive year that ACS has achieved full compliance. The committee developed a petition to change the basis for developing the total pool of allotments available for local sections and technical divisions and to eliminate the connection between dues revenue and the funding of C&EN.

7. The Council VOTED to approve the Petition to Amend the Use of Dues.

Divisional Activities (DAC)

Sheila Murphy, committee chair, reported the following: The committee approved 11 special grant awards totaling \$151,500. Two of the awards supported the creation of a pilot program titled "Convergent Research Communities" (CRCs). The committee has worked with the Division of Carbohydrate Chemistry (CARB) to address their request for a division name change to the Division of Carbohydrate Chemistry and Chemical Glycobiology (CARB).

8. The Council VOTED to approve that effective January 1, 2023, the name of the Division of Carbohydrate Chemistry (CARB) will change to the Division of Carbohydrate Chemistry and Chemical Glycobiology (CARB).

DAC scheduled a Virtual Strategic Planning Retreat for November 2021 that was postponed until February. DAC reached out to ACS Division and Committee stakeholders for their thoughts on the role of DAC in divisions.

International Activities (IAC)

Sergio Nanita, committee chair, reported the following: IAC announced its involvement in three upcoming ACS-related conferences and will be sending a representative to the ACS Research Conference in Doha, Qatar, to help lead discussions on ACS International Chapter development and activities. IAC reviewed and voted to recommend the establishment of a new International Chemical Sciences Chapter after reviewing the application and ensuring it met all requirements.

9. The Council VOTED to approve the Petition to Charter an International Chemical Sciences Chapter in Switzerland, subject to concurrence by the ACS Board of Directors.

Membership Affairs (MAC)

Laura Sremaniak, committee chair, reported the following: Regular Members now have a second choice of a benefits package, both student categories have reduced dues, and MAC has established a new way for individuals in the chemistry and allied communities to associate with ACS through the Community Associate dues category. In 2021 the membership number closed with more than 151,000 individuals, a 2% decrease from 2020 with the new Community Associate dues category totaling more than 22,000 individuals by the end of the year. MAC continues to use the international country pricing test as a resource. This test provides reduced dues for international members residing in emerging nations, which host an ACS chapter, and as defined by World Bank income criteria.

10. The Council VOTED to extend for three years the international dues discount market test based on World Bank country income levels.

MAC worked to develop the 2023 Schedule of Membership to cause the least amount of change from the previous schedule and eliminate certain benefits that were sparsely utilized.

11. The Council VOTED to approve the 2023 Schedule of Membership.

The membership transformation that Council approved last spring will be rolling out to ensure that all ACS members and potential members have access to more choices and more value. ACS members will continue receiving all their current benefits at a \$15 savings over the price through the Premium Package. Students may access the same Premium Package for \$55 for graduate students and \$25 for undergraduates. Regular Members will now have access to an intermediate option for \$80 through the new Standard Package.

New Business

Resolution

The Council adopted the following resolution:

12. BE IT RESOLVED That the Council of the American Chemical Society express to the officers and members of the San Diego Section, host Section for the Spring 2022 ACS Meeting, the sincere appreciation of the Council and of the entire Society for the cordial hospitality extended to all registrants at this meeting, and that the Council convey special thanks to the divisional program chairs and symposium organizers responsible for the outstanding technical sessions, as well as headquarters staff, for the planning and execution that have assured the success of this meeting.

There being no further business, the meeting adjourned at 11:05 a.m. PT.

Flint H. Lewis
Secretary

Certified Councilors for the March 23, 2022 Virtual Council Meeting

Allison A. Campbell	Ex Officio Councilor		
Angela K. Wilson	Ex Officio Councilor		
Attila E. Pavlath	Ex Officio Councilor		
Bassam Z. Shakhashiri	Ex Officio Councilor		
Bonnie A. Charpentier	Ex Officio Councilor		
Bruce E. Bursten	Ex Officio Councilor		
Bryan Balazs	Ex Officio Councilor		
Carolyn Ribes	Ex Officio Councilor		
Catherine T. Hunt	Ex Officio Councilor		
Charles P. Casey	Ex Officio Councilor		
Christina Bodurow	Ex Officio Councilor		
Diane Grob Schmidt	Ex Officio Councilor		
Donna Nelson	Ex Officio Councilor		
Dorothy J. Phillips	Ex Officio Councilor		
E. Ann Nalley	Ex Officio Councilor		
Edel Wasserman	Ex Officio Councilor		
Elsa Reichmanis	Ex Officio Councilor		
Flint H. Lewis	Ex Officio Councilor		
Gordon L. Nelson	Ex Officio Councilor		
H. N. Cheng	Ex Officio Councilor		
Joseph S. Francisco	Ex Officio Councilor		
Judith C. Giordan	Ex Officio Councilor		
Katherine L. Lee	Ex Officio Councilor		
Lee H. Latimer	Ex Officio Councilor		
Lisa M. Balbes	Ex Officio Councilor		
Lisa Houston	Ex Officio Councilor		
Marinda Li Wu	Ex Officio Councilor		
Natalie A. LaFranzo	Ex Officio Councilor		
Ned D. Heindel	Ex Officio Councilor		
Paul H.L. Walter	Ex Officio Councilor		
Paul S. Anderson	Ex Officio Councilor		
Paul W. Jagodzinski	Ex Officio Councilor		
Peter K. Dorhout	Ex Officio Councilor		
Teri Quinn Gray	Ex Officio Councilor		
Thomas H. Lane	Ex Officio Councilor		
Thomas M. Connelly Jr	Ex Officio Councilor		
Wayne E. Jones Jr	Ex Officio Councilor		
William F. Carroll Jr	Ex Officio Councilor		
D. Richard Cobb	Bylaw Councilor		
Alyson E. Mitchell	Councilor	Agricultural & Food Chemistry (AGFD)	Division
Lauren Jackson	Councilor	Agricultural & Food Chemistry (AGFD)	Division
Jeanette M. Van Emon	Councilor	Agrochemicals (AGRO)	Division
Rodney M. Bennett	Councilor	Agrochemicals (AGRO)	Division
Bryant C. Nelson	Councilor	Analytical Chemistry (ANYL)	Division

Emily A. Smith	Councilor	Analytical Chemistry (ANYL)	Division
Michelle V. Buchanan	Councilor	Analytical Chemistry (ANYL)	Division
Susan V. Olesik	Councilor	Analytical Chemistry (ANYL)	Division
Cynthia H. Collins	Councilor	Biochemical Technology (BIOT)	Division
David J. Roush	Councilor	Biochemical Technology (BIOT)	Division
James Neville	Councilor	Biochemical Technology (BIOT)	Division
William J. Kelly	Councilor	Biochemical Technology (BIOT)	Division
Amanda Bird	Councilor	Biological Chemistry (BIOL)	Division
Amanda E Hargrove	Councilor	Biological Chemistry (BIOL)	Division
Anne-Frances Miller	Alternate Councilor	Biological Chemistry (BIOL)	Division
Janet Bryant	Councilor	Business Development & Management (BMGT)	Division
Hien M. Nguyen	Councilor	Carbohydrate Chemistry (CARB)	Division
Aditya (Ashi) Savara	Councilor	Catalysis Science & Technology (CATL)	Division
Anne M. Gaffney	Councilor	Catalysis Science & Technology (CATL)	Division
Liney Arnadottir	Councilor	Catalysis Science & Technology (CATL)	Division
Michael S. Wong	Councilor	Catalysis Science & Technology (CATL)	Division
Kevin J. Edgar	Councilor	Cellulose and Renewable Materials (CELL)	Division
Sheila M. Murphy	Councilor	Cellulose and Renewable Materials (CELL)	Division
Lucian A. Lucia	Councilor	Cellulose and Renewable Materials (CELL)	Division
Daniel B. King	Councilor	Chemical Education (CHED), Inc.	Division
Steven A. Fleming	Alternate Councilor	Chemical Education (CHED), Inc.	Division
Stephanie C. Ryan	Alternate Councilor	Chemical Education (CHED), Inc.	Division
Laura J. Anna	Councilor	Chemical Education (CHED), Inc.	Division
Frankie K. Wood-Black	Councilor	Chemical Health & Safety (CHAS), Inc.	Division
Debbie M. Decker	Councilor	Chemical Health & Safety (CHAS), Inc.	Division
Andrea B. Twiss-Brooks	Councilor	Chemical Information (CINF)	Division
Bonnie Lawlor	Councilor	Chemical Information (CINF)	Division
Penny Beuning	Councilor	Chemical Toxicology (TOXI)	Division
Sarah Shuck	Councilor	Chemical Toxicology (TOXI)	Division
James C. Carver	Councilor	Chemistry & The Law (CHAL)	Division
Sarah P. Hasford	Alternate Councilor	Chemistry & The Law (CHAL)	Division
Jennifer A. Hollingsworth	Councilor	Colloid & Surface Chemistry (COLL)	Division
Maria M. Santore	Councilor	Colloid & Surface Chemistry (COLL)	Division
Christine M. Aikens	Councilor	Computers in Chemistry (COMP)	Division
Emilio X. Esposito	Councilor	Computers in Chemistry (COMP)	Division
Emilio Gallicchio	Councilor	Computers in Chemistry (COMP)	Division
Elise B. Fox	Councilor	Energy & Fuels (ENFL)	Division
Jingbo Louise Liu	Councilor	Energy & Fuels (ENFL)	Division
Randall E. Winans	Councilor	Energy & Fuels (ENFL)	Division
George P. Cobb III	Councilor	Environmental Chemistry (ENVR)	Division
Jurgen H. Exner	Councilor	Environmental Chemistry (ENVR)	Division
V. Dean Adams	Councilor	Environmental Chemistry (ENVR)	Division
Alan W. Elzerman	Councilor	Environmental Chemistry (ENVR)	Division
David A. Dixon	Councilor	Fluorine Chemistry (FLUO)	Division
Anastasia G. Ilgen	Councilor	Geochemistry (GEOC)	Division
Mary Virginia Orna	Councilor	History of Chemistry (HIST)	Division
Roger A. Egolf	Councilor	History of Chemistry (HIST)	Division
Mary K. Engelman	Councilor	Industrial & Engineering Chemistry (I&EC)	Division
Jeffrey J. Rack	Councilor	Inorganic Chemistry (INOR)	Division
Karen Goldberg	Councilor	Inorganic Chemistry (INOR)	Division
Silvia Ronco	Councilor	Inorganic Chemistry (INOR)	Division
Katerina Leftheris	Councilor	Medicinal Chemistry (MEDI)	Division
William J. Greenlee	Councilor	Medicinal Chemistry (MEDI)	Division
Corey R. Hopkins	Alternate Councilor	Medicinal Chemistry (MEDI)	Division

Jane V. Aldrich	Councilor	Medicinal Chemistry (MEDI)	Division
Silvia S. Jurisson	Councilor	Nuclear Chemistry & Technology (NUCL)	Division
Graham F. Peaslee	Councilor	Nuclear Chemistry & Technology (NUCL)	Division
Huw M.L. Davies	Councilor	Organic Chemistry (ORGN)	Division
Katherine N. Maloney	Councilor	Organic Chemistry (ORGN)	Division
Paul R. Hanson	Councilor	Organic Chemistry (ORGN)	Division
Benjamin Joel Schwartz	Councilor	Physical Chemistry (PHYS)	Division
Scott A. Reid	Councilor	Physical Chemistry (PHYS)	Division
Theresa L. Windus	Councilor	Physical Chemistry (PHYS)	Division
Thomas Holme	Councilor	Physical Chemistry (PHYS)	Division
Wei Gao	Alternate Councilor	Polymer Chemistry (POLY)	Division
Gregory N. Tew	Councilor	Polymer Chemistry (POLY)	Division
Kathryn Beers	Councilor	Polymer Chemistry (POLY)	Division
Mary Ann Meador	Councilor	Polymer Chemistry (POLY)	Division
A. Jay Dias	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Benny D. Freeman	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Dean C. Webster	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Julie L.P. Jessop	Councilor	Polymeric Materials: Science & Engineering (PMSE)	Division
Matthew Grandbois	Councilor	Professional Relations (PROF)	Division
John Long	Councilor	Rubber Division	Division
Joseph E. Sabol	Councilor	Small Chemical Businesses (SCHB)	Division
Daryl L. Stein	Councilor	Akron	Local Section
Michael W. Fricke	Councilor	Akron	Local Section
Tracy P. Hamilton	Councilor	Alabama	Local Section
Lisa A. Hoferkamp	Councilor	Alaska	Local Section
Christian R. Goldsmith	Councilor	Auburn	Local Section
Bryan K. Franklin	Councilor	Baton Rouge	Local Section
Julien A. Panetier	Councilor	Binghamton	Local Section
John P. O'Brien	Councilor	Brazosport	Local Section
Alexandra Bruefach	Councilor	California	Local Section
Alex M. Madonik	Councilor	California	Local Section
Eileen M. Nottoli	Councilor	California	Local Section
Fanny Frausto	Councilor	California	Local Section
James M. Postma	Councilor	California	Local Section
Patrick S. Lee	Councilor	California	Local Section
Sheila Kanodia	Councilor	California	Local Section
Jenelle Ball	Councilor	California	Local Section
Justin A. Russak	Councilor	California Los Padres	Local Section
Daniel Rabinovich	Councilor	Carolina-Piedmont	Local Section
Matthew K. Chan	Councilor	Carolina-Piedmont	Local Section
Kathryn Kitzmiller	Councilor	Central Arizona	Local Section
Martin D. Perry Jr	Councilor	Central Arkansas	Local Section
Meledath Govindan	Councilor	Central Massachusetts	Local Section
Dominic S Peterson	Councilor	Central New Mexico	Local Section
Donivan R. Porterfield	Councilor	Central New Mexico	Local Section
Ivan V. Korendovych	Councilor	Central New York	Local Section
Robert A. Yokley	Councilor	Central North Carolina	Local Section
Gary D. Anderson	Councilor	Central Ohio Valley	Local Section
Lori R. Stepan	Councilor	Central Pennsylvania	Local Section
Barry J. Streusand	Councilor	Central Texas	Local Section
Malcolm D. Prouty	Councilor	Central Texas	Local Section
Jennifer B. Nielson	Councilor	Central Utah	Local Section
Robin S. Tanke	Councilor	Central Wisconsin	Local Section
Robert Coots	Councilor	Chattanooga	Local Section

Allison Aldridge	Councilor	Chemical Society of Washington	Local Section
Darryl Boyd	Councilor	Chemical Society of Washington	Local Section
Raychelle M. Burks	Councilor	Chemical Society of Washington	Local Section
Sara V. Orski	Councilor	Chemical Society of Washington	Local Section
LaKeshia N. Perry	Councilor	Chemical Society of Washington	Local Section
Nevart N. Tahmazian	Councilor	Chemical Society of Washington	Local Section
Stephanie Moffitt	Councilor	Chemical Society of Washington	Local Section
Alexander George Zestos	Alternate Councilor	Chemical Society of Washington	Local Section
Jason E. Schaff	Alternate Councilor	Chemical Society of Washington	Local Section
Josh W. Kurutz	Councilor	Chicago	Local Section
Kenneth P. Fivizzani	Councilor	Chicago	Local Section
Mark C. Cesa	Councilor	Chicago	Local Section
Paul F. Brandt	Councilor	Chicago	Local Section
Russell W. Johnson	Councilor	Chicago	Local Section
Fran K. Kravitz	Councilor	Chicago	Local Section
Margaret Stowell Levenberg	Councilor	Chicago	Local Section
David S. Crumrine	Councilor	Chicago	Local Section
Timothy W. Marin	Councilor	Chicago	Local Section
Richard J. Mullins	Councilor	Cincinnati	Local Section
Kathleen Gibboney	Councilor	Cincinnati	Local Section
Susan A. Hershberger	Councilor	Cincinnati	Local Section
Michael Kenney	Councilor	Cleveland	Local Section
Dwight W. Chasar	Alternate Councilor	Cleveland	Local Section
Will E. Lynch	Councilor	Coastal Georgia	Local Section
Christian Beren	Councilor	Colorado	Local Section
Pamela M. Nagafuji	Councilor	Colorado	Local Section
Ryan M. Richards	Councilor	Colorado	Local Section
Susan M. Schelble	Councilor	Colorado	Local Section
Debbie C. Crans	Councilor	Colorado	Local Section
Nicholas Earl Thornburg	Alternate Councilor	Colorado	Local Section
Joan M. Esson	Councilor	Columbus	Local Section
Kayla Quinn Kasper	Councilor	Columbus	Local Section
Virginia H. Songstad	Councilor	Columbus	Local Section
Frank J. Torre	Councilor	Connecticut Valley	Local Section
Julianne M.D. Smist	Councilor	Connecticut Valley	Local Section
Michael Knapp	Councilor	Connecticut Valley	Local Section
Kevin R. Kittilstved	Councilor	Connecticut Valley	Local Section
Anna Svetlanova-Larsen	Councilor	Cornell	Local Section
Roger F. Bartholomew	Councilor	Corning	Local Section
Linda D. Schultz	Councilor	Dallas-Fort Worth	Local Section
Mary Anderson	Councilor	Dallas-Fort Worth	Local Section
Kirby B. Drake	Councilor	Dallas-Fort Worth	Local Section
Rebecca J Weber	Councilor	Dallas-Fort Worth	Local Section
Steven Trohalaki	Councilor	Dayton	Local Section
Harry J. Elston	Councilor	Decatur-Springfield	Local Section
Martha G. Hollomon	Councilor	Delaware	Local Section
Margaret J. Schooler	Councilor	Delaware	Local Section
Kimloan C. Huynh-Ba	Alternate Councilor	Delaware	Local Section
Mark A. Benvenuto	Councilor	Detroit	Local Section
James M. Landis	Councilor	Detroit	Local Section
Mary Kay Heidtke	Councilor	Detroit	Local Section
Amy Nicely	Councilor	East Central Illinois	Local Section
Alan A. Hazari	Councilor	East Tennessee	Local Section
Arlene A. Garrison	Councilor	East Tennessee	Local Section

Michael Sheets	Councilor	East Texas	Local Section
Mary K. Carroll	Councilor	Eastern New York	Local Section
Warren D. Hull Jr	Councilor	Eastern New York	Local Section
James F. Garvey	Councilor	Eastern North Carolina	Local Section
Betty Jo Chitester	Councilor	Erie	Local Section
Carmen V. Gauthier	Councilor	Florida	Local Section
Leslie J. Murray	Councilor	Florida	Local Section
C. David Sherrill	Councilor	Georgia	Local Section
Jahari A. Soward	Alternate Councilor	Georgia	Local Section
David S. Gottfried	Councilor	Georgia	Local Section
Jason Lye	Councilor	Georgia	Local Section
Holly L. Davis	Councilor	Georgia	Local Section
Amber S. Hinkle	Councilor	Greater Houston	Local Section
Crystal Young	Councilor	Greater Houston	Local Section
David Sam Germack	Councilor	Greater Houston	Local Section
Lawrence W. Dennis	Councilor	Greater Houston	Local Section
Valerie Lafitte	Councilor	Greater Houston	Local Section
Carolyn A. Burnley	Councilor	Greater Houston	Local Section
Marie Agan	Temporary Substitute Councilor	Green Mountain	Local Section
Dmitry V. Liskin	Councilor	Hampton Roads	Local Section
David P. Cunningham	Councilor	Hawaii	Local Section
Ellene Tratras Contis	Councilor	Huron Valley	Local Section
Timothy R. Brewer	Councilor	Huron Valley	Local Section
Joshua J. Pak Professor	Councilor	Idaho	Local Section
Gregory Ferrence	Councilor	Illinois Heartland	Local Section
Richard G. Rogers	Councilor	Illinois-Iowa	Local Section
Beth Lorsbach	Councilor	Indiana	Local Section
Robert A. Pribush	Councilor	Indiana	Local Section
Brian M. Mathes	Councilor	Indiana	Local Section
Erin M. Dotlich	Councilor	Indiana	Local Section
Darlene D. Ingram	Councilor	Indiana-Kentucky Border	Local Section
Jeffrey A. Rahn	Councilor	Inland Northwest	Local Section
Sara Mason	Councilor	Iowa	Local Section
Michael Lufaso	Councilor	Jacksonville	Local Section
William J. Peacy III	Councilor	Joliet	Local Section
Lydia E.M. Hines	Councilor	Kalamazoo	Local Section
Madan M. Bhasin	Councilor	Kanawha Valley	Local Section
Sarah J. Leibowitz	Councilor	Kansas City	Local Section
Tendai Gadzikwa	Councilor	Kansas State University	Local Section
Robbie Montgomery	Councilor	Kentucky Lake	Local Section
Ben Haenni	Councilor	LaCrosse-Winona	Local Section
Krysta Lynn Riel Maas	Councilor	Lake Superior	Local Section
Jeanne R. Berk	Councilor	Lehigh Valley	Local Section
Kelley C. Cafilin	Councilor	Lehigh Valley	Local Section
Brent A. Eldridge	Councilor	Lexington	Local Section
Alvin F. Bopp	Councilor	Louisiana	Local Section
James N. Francis	Councilor	Louisville	Local Section
Mitchell R.M. Bruce	Councilor	Maine	Local Section
Dawood Afzal	Councilor	Mark Twain	Local Section
Kelly M. Elkins	Councilor	Maryland	Local Section
Stephanie Watson	Councilor	Maryland	Local Section
Jan E. Kolakowski	Councilor	Maryland	Local Section
Beatrice Salazar	Councilor	Maryland	Local Section
Lars Reimann	Temporary Substitute Councilor	Memphis	Local Section

Susanne M. Lewis	Councilor	Michigan State University	Local Section
Lynn M. Robinson	Councilor	Mid-Hudson	Local Section
Dale J. LeCaptain	Councilor	Midland	Local Section
Scott A. Schlipp	Councilor	Milwaukee	Local Section
James Wollack	Councilor	Minnesota	Local Section
Lynn G. Hartshorn	Councilor	Minnesota	Local Section
Nick Schlotter	Councilor	Minnesota	Local Section
Sarah M. Mullins	Councilor	Minnesota	Local Section
William C Pomerantz	Councilor	Minnesota	Local Section
Leslie Robinson	Councilor	Mississippi	Local Section
W. Matthew Reichert	Councilor	Mobile	Local Section
Peter Zarras	Councilor	Mojave Desert	Local Section
Khamis S. Siam	Councilor	MO-KAN-OK, The Tri-State	Local Section
Judith M. Iriarte-Gross	Councilor	Nashville	Local Section
Preston J. MacDougall	Alternate Councilor	Nashville	Local Section
Martha D. Morton	Councilor	Nebraska	Local Section
Dennis J. Jakiela	Councilor	New Haven	Local Section
Vincent Ribeiro	Alternate Councilor	New Haven	Local Section
Alison G. Hyslop	Councilor	New York	Local Section
Barbara R. Hillery	Councilor	New York	Local Section
Justyna Widera-Kalinowska	Councilor	New York	Local Section
Neil D. Jespersen Professor	Councilor	New York	Local Section
Pamela K. Kerrigan	Councilor	New York	Local Section
Patricia A. Redden	Councilor	New York	Local Section
Rita K. Upmacis	Councilor	New York	Local Section
Frank Romano	Councilor	New York	Local Section
Joseph M. Serafin	Alternate Councilor	New York	Local Section
Lynda Lynette Box	Alternate Councilor	North Jersey	Local Section
Crispina Borges	Councilor	North Carolina	Local Section
Dorian A. Canelas	Councilor	North Carolina	Local Section
Laura S. Sremaniak	Councilor	North Carolina	Local Section
Marc ter Horst	Councilor	North Carolina	Local Section
Melissa A. Pasquinelli	Councilor	North Carolina	Local Section
Alan B. Cooper	Councilor	North Jersey	Local Section
Amanda K. Peterson Mann	Councilor	North Jersey	Local Section
Cecilia E. Marzabadi	Councilor	North Jersey	Local Section
Sandra K. Keyser	Councilor	North Jersey	Local Section
Michael B Peddicord	Councilor	North Jersey	Local Section
Diane Krone	Councilor	North Jersey	Local Section
Elizabeth M. Howson	Councilor	North Jersey	Local Section
Robert Menger	Councilor	North Jersey	Local Section
Maurice E. Snook	Councilor	Northeast Georgia	Local Section
John Engelman II	Councilor	Northeast Tennessee	Local Section
Martin D. Rudd	Councilor	Northeast Wisconsin	Local Section
Andrew Scholte	Councilor	Northeastern	Local Section
Anna W. Sromek	Councilor	Northeastern	Local Section
Caitlyn Mills	Councilor	Northeastern	Local Section
Carol Mulrooney	Councilor	Northeastern	Local Section
Jens Breffke	Councilor	Northeastern	Local Section
Malika Jeffries-El	Councilor	Northeastern	Local Section
Mary Jane Shultz	Councilor	Northeastern	Local Section
Michael Singer	Councilor	Northeastern	Local Section
Patricia A. Mabrouk	Councilor	Northeastern	Local Section

Ruth E. Tanner	Councilor	Northeastern	Local Section
Sonja Strah-Pleynt	Councilor	Northeastern	Local Section
Thomas R. Gilbert	Councilor	Northeastern	Local Section
Elizabeth Bennett Draganova	Councilor	Northeastern	Local Section
Meredith Ward	Councilor	Northeastern	Local Section
Sofia A. Santos	Councilor	Northeastern	Local Section
Aaron Baker	Councilor	Northeastern Indiana	Local Section
Sarah S. Preston	Councilor	Northeastern Ohio	Local Section
Rajesh Sunasee	Councilor	Northern New York	Local Section
Randall L. Heald	Councilor	Northern Oklahoma	Local Section
Edwin L. Kugler	Alternate Councilor	Northern West Virginia	Local Section
Amelia Anderson-Wile	Councilor	Northwest Central Ohio	Local Section
Brian A. Salvatore	Councilor	Northwest Louisiana	Local Section
Allen W. Apblett	Councilor	Oklahoma	Local Section
Jason E. Ritchie	Councilor	Ole Miss	Local Section
Richard Lomneth	Councilor	Omaha	Local Section
Rabin D. Lai	Councilor	Orange County	Local Section
Robert S. Cohen	Councilor	Orange County	Local Section
Sanda P. Sun	Councilor	Orange County	Local Section
Richard Nafshun	Councilor	Oregon	Local Section
Darlene K. Slattery	Councilor	Orlando	Local Section
Danny E. Hubbard	Councilor	Ouachita Valley	Local Section
Eric Bosch	Councilor	Ozark	Local Section
Nick O. Flynn	Councilor	Panhandle Plains	Local Section
Susan J. Cramer	Alternate Councilor	Penn-Ohio Border	Local Section
Donna M. Brestensky	Councilor	Penn-York	Local Section
Karen W. Barnes	Councilor	Pensacola	Local Section
Kathryn Louie	Councilor	Permian Basin	Local Section
Anthony W. Addison	Alternate Councilor	Philadelphia	Local Section
Catherine Bentzley	Councilor	Philadelphia	Local Section
Christine McInnis	Councilor	Philadelphia	Local Section
Deborah H. Cook	Councilor	Philadelphia	Local Section
Georgia Arbuckle-Keil	Councilor	Philadelphia	Local Section
Kathy Shaginaw	Councilor	Philadelphia	Local Section
Melissa B. Cichowicz	Councilor	Philadelphia	Local Section
Ella L. Davis	Councilor	Philadelphia	Local Section
Judith Currano	Councilor	Philadelphia	Local Section
Marge A. Matthews	Councilor	Philadelphia	Local Section
Haitao Liu	Councilor	Pittsburgh	Local Section
Kimberly A. Woznick	Councilor	Pittsburgh	Local Section
Kristin M. Nuzzio	Councilor	Pittsburgh	Local Section
Richard S. Danchik	Councilor	Pittsburgh	Local Section
Angela Hoffman	Councilor	Portland	Local Section
James C. Tung	Councilor	Portland	Local Section
Louise M. Lawter	Councilor	Princeton	Local Section
Angela M. Gonzalez	Councilor	Puerto Rico	Local Section
Edmy Ferrer Torres	Councilor	Puerto Rico	Local Section
Myrna R. Otano-Vega	Councilor	Puerto Rico	Local Section
Craig B. Fryhle	Councilor	Puget Sound	Local Section
David L. Patrick	Councilor	Puget Sound	Local Section
Despina Strong	Councilor	Puget Sound	Local Section
Dharshi Bopegedera	Councilor	Puget Sound	Local Section
John W. Macklin	Councilor	Puget Sound	Local Section
Graeme R.A. Wyllie	Councilor	Red River Valley	Local Section
Peter J. Bonk	Councilor	Rhode Island	Local Section

Anna G. Cavinato	Councilor	Richland	Local Section
William A. Maio	Councilor	Rio Grande Valley	Local Section
Amber F. Charlebois	Councilor	Rochester	Local Section
James H. Reynolds	Councilor	Rochester	Local Section
William J. Doria	Councilor	Rock River	Local Section
Dennis Paul Pigg Jr	Councilor	Sabine-Neches	Local Section
John R. Berg	Councilor	Sacramento	Local Section
Maria de la Paz Carpio-Obeso	Councilor	Sacramento	Local Section
Peter J. Stang	Councilor	Salt Lake	Local Section
Thomas G. Richmond	Councilor	Salt Lake	Local Section
Adeola O. Coker	Councilor	San Antonio	Local Section
Larry C. Grona	Councilor	San Antonio	Local Section
David M. Wallace	Councilor	San Diego	Local Section
Desiree Grubisha	Councilor	San Diego	Local Section
Hui Cai	Councilor	San Diego	Local Section
Jacqueline Trischman	Councilor	San Diego	Local Section
Surya K. De	Councilor	San Diego	Local Section
Valerie J. Kuck	Councilor	San Diego	Local Section
Emily Viggers	Councilor	San Gorgonio	Local Section
Eileen M. DiMauro	Councilor	San Gorgonio	Local Section
Hubert Muchalski	Councilor	San Joaquin Valley	Local Section
Katie J. Heroux	Alternate Councilor	Savannah River	Local Section
Anais Nguyen	Alternate Councilor	Silicon Valley	Local Section
Megan Brunjes Brophy	Alternate Councilor	Silicon Valley	Local Section
Jane E. Frommer	Councilor	Silicon Valley	Local Section
Linda S. Brunauer	Councilor	Silicon Valley	Local Section
Madalyn Radlauer	Councilor	Silicon Valley	Local Section
Natalie L. McClure	Councilor	Silicon Valley	Local Section
Grace Baysinger	Councilor	Silicon Valley	Local Section
Sally B. Peters	Councilor	Silicon Valley	Local Section
Jetty L. Duffy-Matzner	Councilor	Sioux Valley	Local Section
Don L. Warner	Councilor	Snake River	Local Section
Linda Shimizu	Councilor	South Carolina	Local Section
Scott R. Goode	Councilor	South Carolina	Local Section
Nathan D. Leigh	Councilor	South Central Missouri	Local Section
George H. Fisher	Councilor	South Florida	Local Section
Milagros Delgado	Councilor	South Florida	Local Section
Zaida C. Morales Martinez	Councilor	South Florida	Local Section
Jennifer L. McCulley	Councilor	South Jersey	Local Section
Ludivina Avila	Councilor	South Texas	Local Section
Gregory P. Foy	Councilor	Southeastern Pennsylvania	Local Section
Charles H. Weidner	Councilor	Southern Arizona	Local Section
Alexandros B. Oxyzolou	Councilor	Southern California	Local Section
Brian B. Brady	Councilor	Southern California	Local Section
Eleanor D. Siebert	Councilor	Southern California	Local Section
Robert de Groot	Councilor	Southern California	Local Section
Veronica I. Jaramillo	Councilor	Southern California	Local Section
Barbara P. Sitzman	Councilor	Southern California	Local Section
Lichang Wang	Councilor	Southern Illinois	Local Section
Meghan R Porter	Councilor	Southern Indiana	Local Section
Kazumasa Lindley	Councilor	Southern Nevada	Local Section
Linda de la Garza	Councilor	Southwest Georgia	Local Section
Robert K. Pertuit	Councilor	Southwest Louisiana	Local Section
Susan E. Del Valle	Councilor	St. Joseph Valley	Local Section
Donna G. Friedman	Councilor	St. Louis	Local Section

Eric A. Bruton	Councilor	St. Louis	Local Section
Brent Znosko	Alternate Councilor	St. Louis	Local Section
Donald E. Mencer Jr	Councilor	Susquehanna Valley	Local Section
Marie Bourgeois	Councilor	Tampa Bay	Local Section
Kimberly Fields	Councilor	Tampa Bay	Local Section
Frank Butwin	Temporary Substitute Councilor	Toledo	Local Section
Abby R. O'Connor	Councilor	Trenton	Local Section
Bin Dong	Councilor	University of Arkansas	Local Section
Justin R. Walensky	Councilor	University of Missouri	Local Section
Kevin Pate	Councilor	Upper Ohio Valley	Local Section
Glenn M. Larkin	Councilor	Upper Peninsula	Local Section
Janet A. Asper	Councilor	Virginia	Local Section
Kristine S. Smetana	Councilor	Virginia	Local Section
Linette M. Watkins	Councilor	Virginia	Local Section
W. Gary Hollis Jr	Councilor	Virginia Blue Ridge	Local Section
Teresa L. Tarbuck	Councilor	Wabash Valley	Local Section
Malgorzata A. Witek	Councilor	Wakarusa Valley	Local Section
Kristopher Waynant	Councilor	Washington-Idaho Border	Local Section
George L. Heard	Councilor	Western Carolinas	Local Section
Timothy W. Hanks	Councilor	Western Carolinas	Local Section
L. Kraig Steffen	Councilor	Western Connecticut	Local Section
James Stickler	Councilor	Western Maryland Section	Local Section
Mark A. Thomson	Councilor	Western Michigan	Local Section
David Nalewajek	Councilor	Western New York	Local Section
Peter M. Schaber	Councilor	Western New York	Local Section
D. Paul Rillema	Councilor	Wichita	Local Section
Keith R. Vitense	Councilor	Wichita Falls-Duncan	Local Section
Sara L. Johnson	Alternate Councilor	Wilson Dam	Local Section
Scott A. Wildman	Councilor	Wisconsin	Local Section
Brian M. Leonard	Councilor	Wyoming	Local Section

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. Raychelle Burks | 6. Anne M. Gaffney |
| 2. James C. Carver | 7. Lydia E.M. Hines |
| 3. Deborah Cook | 8. Will E. Lynch |
| 4. John Engelman II | 9. Barbara Sitzman |
| 5. Gregory M. Ferrence | 10. Frankie K. Wood-Black |

The Council must elect five individuals: The four candidates receiving the highest numbers of votes will be declared elected for the 2023-2025 term. The candidate with the fifth highest vote will begin work immediately to fill a CPC vacancy [the unexpired term of Margaret J Schooler who stepped down] and stay on the committee throughout 2023. 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, 2022, are as follows:

Anne M. Gaffney, Idaho Section
Lydia E.M. Hines, Kalamazoo Section
Will E. Lynch, Coastal Carolina Section
Sally B. Peters, Silicon Valley

Sally B. Peters is ineligible for reelection.

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

2021-2023

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

2022 - 2024

Donna G. Friedman, St. Louis Section
Judith C. Giordan, Connecticut Valley Section
Matthew Grandbois, Professional Relations (Central Massachusetts Section)
Fran K. Kravitz, Chicago Section
Louise M. Lawter, Princeton Section

BURKS, RAYCHELLE. *Chemical Society of Washington Section.* American University, Washington, District of Columbia.

Academic Record: University of Northern Iowa, B.S., Chemistry, December 2001; Nebraska Wesleyan University, M.S., Forensic Science, December 2008; University of Nebraska, Ph.D., Analytical Chemistry, May 2011.

Honors: ACS James T. Grady-James H. Stack Award, 2020; American University Milton and Sonia Greenberg Scholarship of Teaching and Learning Award, 2021 – 22, Inclusive Pedagogy Faculty Fellow; Cell Mentor from Cell Press & Cell Signaling Technology, one of the “1,000 inspiring Black scientists in America”, 2020; *BBC Science Focus*, one of the “6 women who are changing chemistry as we know it”, 2021; American Association for the Advancement of Science and Lyda Hill Philanthropies, AAAS IF/THEN® Ambassador, 2019, Finalist Early Career Award for Public Engagement with Science, 2015; St. Edward’s University Dean’s Excellence in Research Award, 2018-19; U.S. National Committee of the IUPAC, IUPAC Young Observer, 2017, IUPAC General Assembly and World Chemistry Congress, 2019, IUPAC General Assembly and World Chemistry Congress; Mindlin Science Communication Prize, 2019; *Discovery Magazine*, one of Discovery Magazine’s “Science Stars: The next generation”, 2017.

Professional Positions (for past ten years): American University, Associate Professor, 2020 to date; St. Edward’s University, Assistant Professor, 2016-2020; University of Washington, Academic Counselor, 2012 to date; Seattle Central Community College, Chemistry Instructor, 2012 to date; Seattle University, Adjunct Faculty, 2012-13; Doane University, Visiting Assistant Professor, 2015-16; Doane College, Department of Chemistry and University of Nebraska Lincoln, Postdoctoral Research Associate, 2013-15.

Service in ACS National Offices: Committee on Minority Affairs, Member, 2021-23, Committee Associate, 2019-20; Committee on Public Relations and Communications, Member, 2016-18, Committee Associate, 2015.

Service in ACS Offices: *Chemical Society of Washington Section:* Councilor, 2021-23; *Central Texas Section:* Subcommittee Chair, 2019, Councilor, 2019-20, Alternate Councilor, 2017-18; *Portland Section:* Chair, 2011.

Member: Member ACS since 2003. Royal Society of Chemistry; National Association of Science Writers; The National Organization for; the Advancement of Black Chemists and Chemical Engineers; Society for Advancement of Chicanos and Native Americans in Science. *ACS Division(s):* Analytical; Chemical Education; Chemical Information; Professional Relations.

Related Activities: “Social Justice in Forensic Analysis” ACS Meeting & Exposition-Chicago, Symposium Co-organizer, August 2022; U.S. National Committee for the IUPAC, Member, May 2020 to date; IUPAC Analytical Chemistry Division V, Elected U.S. National Representative to 2022 – 23; IUPAC Committee on Chemical Research Applied to World Needs (CHEMRAWN), Titular Member, 2020 to date; National Academies Sciences, Engineering, and Medicine Committee on Enhancing the U.S. Chemical Economy through Investments in Fundamental Research in the Chemical Sciences, Member, 2020 to date; Seized Drugs Subcommittee of the Organization of Scientific Area Committees for Forensic Science administered by the National Institute of Standards and Technology in collaboration with the National Institute of Justice, Affiliate Member, 2021 to date; The Center for Advancement of Informal Science Education (CAISE) Broadening Participation in STEM Taskforce, Member, 2017 to date; *Chemical & Engineering News*, Advisory Board Member, 2014 – 22; *UnDark*, Advisory Board Member, 2015 to date; *Forensic Chemistry*, a specialty section of *Frontiers in Analytical Science*, Reviewing Editor, 2021 to date; *Journal of Chemical Education*, *Sensors & Actuators: B. Chemical*, and *Analytical Chemistry*, and the 11th edition of *Quantitative Chemical Analysis*, Reviewer; RSC Poster Twitter Conference, Analytical Subject Chair, 2020 – 21, 2019 – 20; “Social Media for Chemists, Chemistry and Collaborations” at the 48th IUPAC World Chemistry Congress and the 104th Canadian Chemistry Conference and Exhibition, Symposium Co-organizer, August 2021.

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 Budget and Finance, Member, 2022, Committee Associate, 2020-21; Committee on Constitution and Bylaws, Consultant, 2018-22, Member, 2014-17, 2007-12, Chair, 2015-17, Committee Associate, 2006; Committee on Membership Affairs, Member, 2018-19; Task Force on Governance Design, 2016-17, Subcommittee Chair-Governance Documents; Council Policy Committee, Member (Nonvoting), 2015-17; Committee on Divisional Activities, Committee Associate, 2013.

Service in ACS Offices: *Chemistry & The Law Division:* Councilor, 2005-23, 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 Louisiana State University 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.

Related Activities: Registered Patent Attorney, 2008 to date; The Carver Law Firm, Founder and Owner, 2011 to date; Oats & Hudson Law Firm, Partner, 2009-11; Taylor Porter Law Firm, Partner, 1994-2009; Associate 1989-2003; 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.

COOK, DEBORAH H. *Philadelphia Section.* Temple University, Philadelphia, Pennsylvania.

Academic Record: University of the Sciences, BS, 1971; Temple University, Ed.M., 1974, EdD, 1984.

Honors: Dreyfus Master Teacher, 1983, Fulbright Teacher Exchange at Myers Grove School, Sheffield UK, 1984-85, State Level Presidential Award for Excellence in Science Teaching, 1986, Annual Alumni Award, University of Sciences in Philadelphia, 2000, NJSSA Presidential Award, 1991 and 2002, ACS Section Service Award, 1992 and Uilyot Award 1998, Foreign Language Teachers of NJ President's Award, 1996, ACS Fellow, 2020.

Professional Positions (for past ten years): Temple University, Adjunct Professor, 2016 to date; Rider University, Adjunct Professor, 2015-19; Chemical Heritage Foundation, Education Consultant/Project Manager, 2012-14; Trenton Public Schools, Interim Director of Curriculum, Instruction, & Assessment, 2012.

Service in ACS National Offices: Committee on Chemistry and Public Affairs, Member, 2022-24, Committee Associate, 2019-21; Society Committee on Education, Member, 2010-18, Committee Associate, 2008-09.

Service in ACS Offices: *Philadelphia Section:* Councilor, 2011-22, 2006-08, Secretary, 1990-91, Chair, 2017, 2005, Immediate Past Chair, 2018, Chair-Elect, 2016, 2004, Alternate Councilor, 2009-10, 2003-05, 1990, Board of Directors, 2007-24, 2002-03, 2000, 1997-98, 1991-95.

Member (current): Member ACS since 1974. American Association of University Women; Association for Supervision and Curriculum Development; National Science Teaching Association; Phi Delta Kappa. *ACS Division(s):* American Association of Chemistry Teachers; Chemical Education.

Related Activities: NSTA STEM Certification Task Force, 2016-17; RBS Board of Directors, 2007-16; Eisenhower Regional Board at RBS, 1993-2007; BSCS Integrating Science Study, Advisory Panel, 1998-99; Advisory Committee for Study of State Testing in NJ, 1999-2002; National Science Resources Council (NSRC) LASER Advisory Board, 1999-2004; U of PA Math Science Partnership, Advisory Panel, 2003-09; Board of Governors NJ Mathematics and Science Coalition, 1996-2010; Rutgers Center for Mathematics Science and Computer Education, Executive Committee, 1996-2009; Science Curriculum Content Standards Revision Committee, 2001-2002; Science Curriculum Content Standards Revision and Areas of Focus Committee, 2008; NJDOE Information Technology Facilities Guide Advisory Panel, 2007-08; 2009-10; Science Center, VP Learning & Teaching, Liberty 1996-2009; New Jersey Statewide Systemic Initiative (NJ SSI), Rutgers University, PI/PD, 1989-96; New Jersey Department of Education, Science Coordinator, NJ Core Curriculum Content Standards, Coordinator, 1995-96; Office of Standards, Acting Director, 1994-95, 1988-1989; Gateway Regional Schools, Director Curriculum and Instruction, 1986-87; Akiba Academy, Coordinator Mathematics/Science, 1975-87; Science Delran High School, Teacher/Supervisor.

ENGELMAN II, JOHN. *Northeast Tennessee Section.* Ferris Foundation, Big Rapids, Michigan.

Academic Record: Ferris State University, AAS, 1964.

Honors: American Chemical Society Fellow, 2010; Doctor of Science, Ferris State University 2003.

Professional Positions (for past ten years): American Chemical Society, Career Consultant, 2004 to date; Ferris Foundation, Director, 2010 to date; Ferris Alumni Association 2003-10; S.C. Johnson & Son, Inc, Retired Senior Associate, 2011-13.

Service in ACS National Offices: Committee on Membership Affairs, Committee Associate, 2022; Committee on Local Sections Activities, Member, 2015-21, Committee Associate, 2014; Committee on Minority Affairs, Committee Associate, 2013; Committee on Public Relations and Communications, Committee Associate, 2011-12; Committee on Technical Affairs, Consultant, 2007-11, Committee Associate, 1999, Chair, 2004-06; Admissions Committee, Member, 2007-10; *Division of Chemical Technicians:* Chair, 2001, Chair-Elect, 2000, Alternate Councilor, 2004-09.

Service in ACS Offices: *Northeast Tennessee Section:* Councilor, 2014-22; *Milwaukee Section:* Chair-Elect, 2007; *Industrial & Engineering Chemistry Division:* Chair, 2012, Chair-Elect, 2011, Alternate Councilor, 2011-13.

Member (current): Member ACS since 1997. Ferris Foundation Board of Directors. *ACS Division(s):* Industrial & Engineering Chemistry.

Related Activities: Founding member of Midland Section Technician Affiliate Group, Founding member of Milwaukee Section Technician Affiliate Group.

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; CSD, Cambridge Crystallographic Data Centre (CCDC), University of Cambridge, Champion for the United States of America, 2021 to date (pro bono; 1 of 22 worldwide).

Service in ACS National Offices: Committee on Economic and Professional Affairs, Member, 2017-22, Subcommittee Chair, 2018-22, Committee Associate, 2016; Committee on Ethics: Member, 2011-14, Chair, 2012-14, Committee 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, 2022, 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; 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.

GAFFNEY, ANNE M. Idaho Local Section. Idaho National Laboratory, Idaho Falls, Idaho.

Academic Record: Mount Holyoke College, B.A., 1976; University of Delaware, Ph.D., 1981.

Honors: ACS Energy & Fuels Distinguished Researcher Award in Petroleum Chemistry, 2019, ACS Fellow, 2010, ACS Distinguished Service Award, Division of Petroleum Chemistry, 2010, ACS Industrial Chemistry Award, 2013; Eugene J. Houdry Award of the North American Catalysis Society, 2015; Chemical Heritage Foundation, Women in Science Inductee, 2014; University of Delaware, Wall of Fame Inductee, 2014; Service & Leadership Award, 7th World Congress on Oxidation Catalysis, 2013; Honorary Committee for the 100th Anniversary of Girl Scouting, 2012; Industrial Colloquium Series Distinguished Lecturer Award, Center for Environmentally Beneficial Catalysis, CEBC, The University of Kansas, 2011; Mount Holyoke College Alumnae Achievement Award, 2011; Recipient of the Tribute to Women and Industry Award, sponsored by YWCA, honoring women and corporations in New Jersey, 2007; Recipient of the DOW/Union Carbide Reaction Engineering and Catalysis Seminar Series Award, 2006; Recipient of the Catalysis Club of Philadelphia Award for outstanding contributions to the field of catalysis, 1999; Take the Lead in Science and Technology Award, for outstanding leadership, awarded by the Girl Scouts of Pennsylvania, 1993.

Professional Positions (for past 10 years): Idaho National Laboratory, Chief Science Officer, Distinguished Laboratory, Joint Appointment with University of South Carolina as Distinguished Research Professor & Technical Director for the Center for Rational Catalyst Synthesis, Fellow, 2014 to date; Director of Research and Development, Specialty Materials, INVISTA, 2011-13.

Service in ACS National Offices: Council Policy Committee, Member, 2019-22; Committee on Science, Divisional Representative, 2019; Committee on Economic and Professional Affairs, Member, 2008-13, Committee Associate, 2007.

Service in ACS Offices: *Division of Catalysis Science & Technology:* Councilor, 2016-24, 2011-14; *Division of Energy & Fuels:* Councilor, 2012-13; *Division of Petroleum Chemistry:* Councilor, 2007-11; Alternate Councilor, 2005-06; Chair, 2000-01; Chair-Elect, 1999-2000; Treasurer, 1996-99; Region IV Representative, 1994-96; *Catalysis and Surface Science:* Secretary General Chair, 2003, Chair-Elect, 2002.

Member (current): Member of ACS since 1976. Organic Reaction Chemical Society; North American Catalysis Society; Western States Catalysis Society; Philadelphia Catalysis Club; American Institute of Chemical Engineers. *ACS Division(s):* Catalysis Science and Technology; Energy and Fuels; Industrial & Engineering Chemistry.

Related Activities: American Institute of Chemical Engineers, Director of the Catalysis and Reaction Engineering Division, 2016 to date; North American Catalysis Society, International Fund Raising Co-Chair 2016 to date; International Meeting Chair 2005; International Representative for the U.S., 2018, and Co-Chair of the World Congress on Oxidation Catalysis, 2013; Selected "Woman of Influence", Mount Holyoke College, 2012; Editorial Board Member, *Catalysis Today*, 2008-20; U.S. Representative to the Executive Committee of the 6th World Congress on Oxidation Catalysis, 2008-09; Advisor to the National Academies on Science, Engineering, and Medicine, 2008-10; DOE Workshop Writer on "Basic Research Needs in Catalysis for Energy Conversion", 2007; NSF/DOE Workshop Writer on "Breaking the Chemical and Engineering Barriers to Lignocellulosic Biofuels", 2007; Organic Reaction Chemical Society, Editorial Board, 2006-10, Director 2002-06; Rohm and Haas, Senior Research Fellow, 2000-05; published 105 peer-reviewed journal articles, 100 conference proceeding publications, 4 book chapters, and 256 patent/patent publications.

HINES, LYDIA E. M. *Kalamazoo Section.* (Retired) Western Michigan University, Kalamazoo, Michigan.

Academic Record: Aurora College, B.S., 1967; University of Illinois, M.S., 1969; Ph.D., 1971.

Honors: Helen M. Free Award in Public Outreach, 2021; Nominee for the Kalamazoo YWCA Woman of the Year Award, 2016; Kalamazoo Local Section, ACS, Committee on Community Activities, Volunteer of the Year Award, 2014; E. Ann Nalley Great Lakes Region Award for Volunteer Service, ACS, 2011; Distinguished Service Award, Kalamazoo Section, ACS, 1989; Phi Kappa Phi; Distinguished Service Award from Kalamazoo Chamber of Commerce Business-Education Connection for Science in Schools, 1998-2000; Nominee for STAR (Volunteer) Award, Kalamazoo, 1992; Accolade in *Kalamazoo Gazette* for Science Teaching in Community, 1991; National Science Foundation Fellow, 1969-71; "Outstanding Young Women of America", 1973.

Professional Positions (for past ten years): Western Michigan University, Chemistry Faculty (part-time), 2006-19.

Service in ACS National Offices: Council Policy Committee, Member, 2020-22; Committee on Constitution and Bylaws, Member, 2019-20, 2004-11; Committee on Meetings & Expositions, Committee Associate, 2018; Committee on Nominations and Elections, Member, 2012-17, 1993-98, Secretary, 1995; Committee on Community Activities, Member, 2005-11; Committee on Committees, Member, 1999-04; Committee on Copyrights, Member, 1985-93, Chair, 1990-92; Women Chemists Committee, Member, 1982-87, Committee Associate, 1981; *Women Chemists*, Editor, 1984-87.

Service in ACS Offices: *Kalamazoo Section:* Councilor, 1984-2023; Alternate Councilor 1978-83; Chair, 1981; Chair-Elect and Program Chair, 1980; Publicity Committee Chair, 1986-2020; National Chemistry Day/Week Coordinator, 1987-2019; Museum Chemistry Day Organizer, 1987-2019; Chemists Celebrate Earth Day Coordinator, 2015-22, 2004-12; Pre-high school Science Education Coordinator, 2013-19, 1988-2001; 1992; Chemistry Promotion Committee, Chair, 1991-2001. *Great Lakes Regional Meeting:* General Chair, 2015, 1984; Kalamazoo Section representative to Great Lakes Region Board, 1984-2022; Region Board Chair, 2015-21, 1985. *Indiana-Kentucky Border Section:* Publicity Committee Chair, 1974-75.

Member (current): Member ACS since 1968. *ACS Division(s):* Organic Chemistry; Small Chemical Businesses.

Related Activities: Mentor to KACS members for outreach in K-8 schools, 1982-2016; Southwest Michigan Math/Science Alliance, Charter Member and Coordinating Committee, 1990-92; Speaker and Workshop Leader at Teachers' and Children's Librarians' Conferences, 1990-92; Reviewer, WONDER SCIENCE, ACS, 1989-98; Active Volunteer Presenter of Hands-On Science Lessons (Preschool Through 6th Grade), 1986-2016.

LYNCH, WILL E. *Coastal Georgia Section.* Georgia Southern University, Savannah, Georgia.

Academic Record: Kalamazoo College, B.A., 1986; Wayne State University, Ph.D., 1991.

Honors: Coastal Georgia Section ACS Service Award, 1999; Armstrong Atlantic State University Alumni Award for Service to the Discipline, 2004; Sigma Xi.

Professional Positions (for past ten years): Georgia Southern University, Department Chair and Professor, 2018 to date; Armstrong State University, Professor, 2005-18, Department Head, 2006-18.

Service in ACS National Offices: Council Policy Committee, Member (Voting), 2019-22, (Nonvoting), 2005-07; Committee on Strategic Planning, Member, 2019-21; Committee on Strategic Planning, Roadmap Implementation Subcommittee Chair, 2020-21, Committee on Divisional Activities, Member, 2018; Committee on Meetings and Expositions, Member, 2011-16; Chair, 2013-15; Committee on Committees, Member, 2008-10; Committee on Local Section Activities, Member, 2002-07, Chair, 2005-07; Committee Associate, 2000-01; Committee on Planning, Member (non-voting), 2005-07.

Service in ACS Offices: *Coastal Georgia Section:* Councilor, 1999-23; Chair, 2009, 1997; Chair-Elect, 1996, Noble Gas Editor, 2006, 1997-2000, Executive Committee, 1996 to date; *Southeastern Regional Meeting of the ACS:* SERMACS 2019, General Chair; X-ray Crystallography in the SE, Symposium Organizer, 2019; Bioinorganic Modeling, Symposium Organizer, 2006, Technical Program Chair, SERMACS 2001, Steering Committee, 1997-2001, Symposium Organizer, 125th Anniversary, ACS Charles Herty and the Savannah Pulp and Paper Laboratory, National Historic Chemical Landmark, Symposium, 2001, Symposium Organizer, Advances in Modern Inorganic Laboratories, 2001; *ACS Southeastern Region:* Executive Committee, 2016 to date, 2004-06, Treasurer, 2021 to date, Past-Chair, 2018; Chair, 2017; Chair-Elect, 2016; Past-Chair 2006, Chair 2005, Chair-Elect 2004.

Member (current): Member ACS since 1987. American Physical Society; Science History Institute; Council on Undergraduate Research; American Crystallographic Association. *ACS Division(s):* Professional Relations; Chemical Education; Inorganic Chemistry.

Related Activities: United States National Chemistry Olympiad College Mentor, 2008, 2007; Project SEED Coordinator, 2003; ACS Student Affiliates Advisor, 1996-99.

SITZMAN, BARBARA P. *Southern California Section.* (Retired) Los Angeles Unified School District, Los Angeles, California.

Academic Record: San Diego State University, B.A. 1965; Whittier College, M.A.s, 1977-78; Standard California Life Teaching Credential, Chemistry 1973; National Board Certification, Chemistry 2001.

Honors: ACS Fellow, 2009; ACS Conant Award, 2001; ACS Western Regional Award, High School Teaching, 1998; Sigma Xi Science Teaching Award, 2001; Woodrow Wilson Fellow Princeton University, 1982.

Professional Positions (for past ten years): Retired, 2014 to date; Granada Hills Public Charter High School, Chemistry Teacher, 2006-14.

Service in ACS National Offices: Committee on Project SEED, 2013-21, Committee Associate, 2012; American Association of Chemistry Teachers, Committee Representative, 2017-19, Immediate Past President, 2016-17, President, 2015-16; Society Committee on Education, 2003-11, Chair SubA, 2007-11, Committee Associate, 2002; ACS Hach Advisory Board, 2010-16; SOCED Task Force, *ACS Guidelines and Recommendations for the Teaching of High School Chemistry*, 2012; Board Presidential Task Force on Education, 2008-09.

Service in ACS Offices: *Southern California Section:* Councilor, 2011-22. *Division of Chemical Education:* Long Range Planning Committee, 2009-17.

Member (current): Member ACS since 1998. ACS American Association of Chemistry Teachers (AACT); National Science Teachers Association; California Science Teachers Association; California Chemistry Teachers Association. *ACS Division(s):* Chemical Education.

Related Activities: ACS American Association of Chemistry Teachers (AACT) Advisory Board, Chair, 2013-14, Inaugural President, 2015, Past President, 2016; Committee Representative, AACT, 2017-19; Teachers Guide, Open for Discussion Column, *ACS ChemMatters Magazine*, Editor and Author; American Academies of Science, Engineering, and Medicine, Teacher Advisory Council (TAC); National ACS High School Day, Chair, High School Day Committee, Member; *Journal of Chemical Education*, Board of Publications; *ACS ChemCom*, Teacher Leader; Los Angeles Unified School District, In-service Teacher Trainer; Los Angeles County Department of Education, Teaching Strategies Consultant; Question Leader, College Board Advanced Placement Chemistry Reading; Educational Testing Service, AP Chemistry Consultant; First UCLA Science Project, Staff Director; Co-author *Relationships and Math in Physical Science* textbook; ACS book *Sputnik to Smartphones*, Chapter Author.

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.

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, Committee Associate, 2007-08; Committee on Budget and Finance, Committee Associate, 2004-08; Committee on Corporation Associates, Member, 1999-07; Committee on Women Chemists, Member, 1995-02, Committee 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.

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; 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.

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. Alan A. Hazari |
| 2. William F. Carroll Jr. | 7. Thomas H. Lane |
| 3. Ella L. Davis | 8. Donovan R. Porterfield |
| 4. Carmen Gauthier | 9. Daniel Rabinovich |
| 5. William J. Greenlee | 10. Jason E. Ritchie |

The Council must elect five individuals. The five candidates receiving the highest numbers of votes will be declared elected for the 2023-2025 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 also virtually.

Members of ConC must be voting Councilors.

Those members of the Committee of Committees whose terms end on December 31, 2022 are:

Rodney M. Bennett, Agrochemicals (North Carolina Section)
D. Richard Cobb, Rochester Section
Emilio X. Esposito, Computers in Chemistry (Michigan State University Section)
Jason E. Ritchie, Ole Miss Section
Stephanie Watson, Maryland Section

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

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

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

2022-2024

Mary K. Engelman, Industrial & Engineering Chemistry (Northeast Tennessee Section)
Malika Jeffries-El, Northeastern Section
Brian M. Mathes, Indiana Section
Susan V. Olesik, Analytical Chemistry (Columbus Section)
Susan M. Schelble, Colorado 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 10 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.

Service in ACS National Offices: Committee on Committees, 2019-21; Committee on Divisional Activities, 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; Advisory Board, Journal of Agriculture and Food Chemistry, 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; Editor, "Triad Chemical Times", 1997; Academic-Industrial-Matrix, Chair, 1995-98; *Chemical Society of Washington:* Secretary, 1994; Board Member, 1992-94; Editorial Board for "The Capital Chemist", 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.

CARROLL, JR. WILLIAM F. Dallas-Fort Worth Section. Carroll Applied Science, LLC, Dallas, Texas.

Academic Record: DePauw University, B.A., 1973; Tulane University, M.S., 1975; Indiana University, Ph.D., 1978.

Honors: ACS Fellow, 2018; ACS Chicago Section Public Affairs Award, 2013, ACS Santa Clara Valley Section Harry and Carol Mosher Award, 2011, ACS Division on Professional Relations Henry A. Hill Award, 2009, ACS Division of Chemical Technicians, K. Michael Shea Special Recognition Award, 2007; Old Crescent Award for Philanthropy, Indiana University, 2019; DePauw University Distinguished Alumni Achievement Award, 2011; Indiana University Distinguished Alumni Service Award, 2009; Vinyl Institute Roy T. Gottesman Leadership Award, 2000.

Professional Positions (for past ten years): Carroll Applied Science, LLC., Principal, 2015 to date; Occidental Chemical Corporation, VP, Industry Issues, 1996-2015; Indiana University, Bloomington, Adjunct Industrial Professor of Chemistry, 1998 to date.

Service in ACS National Offices: Board of Trustees for the Group Insurance Plans, Member, 2019-24; Advisory Board for the ACS Green Chemistry Institute, Member, 2017-20, Chair, 2019-20, Board of Directors, Immediate Past President, 2006, President, 2005, President-Elect, 2004, Chair, 2012-14; Director-at-Large, 2009-17; Councilor ex-officio, 2004-14; Committee on Audits, 2010-19; Committee on Pensions and Investments, 2011-19, Chair, 2016-18; Board Executive Committee, 2010-14, 2004-06; Committee on Strategic Planning, 2010-15, 2004-06; Council Policy Committee, (Voting) 2004-06, Chair, 2005; Committee on Executive Compensation, 2004-09, Chair 2005-09.

Service in ACS Offices: Committee on Professional Training, Member, 2021-23, Committee Associate, 2019-20; Committee on Budget and Finance, Member, 2001-09, Vice-Chair 2006; Committee on Public Affairs and Public Relations, Member, 2015-16, 2010-11, Chair, 2010-11, 2005-06; Committee on Professional and Member Relations, 2015-17, 2009-11, 2004-05; Committee on International Activities, 2001-03, Chair, 2001-03.

Member (current): Member ACS since 1974. Fellow, Royal Society of Chemistry; Fellow, American Association for the Advancement of Science; National Organization for the Professional Advancement of Black Chemists and Chemical Engineers; Society of Plastics Engineers; National Fire Protection Association; Institute of Electrical and Electronics Engineers. *ACS Division(s):* Professional Relations, Business Development and Management, Small Chemical Business.

Related Activities: ACS Strategic Planning Facilitator, 2016-present; ACS Tour Speaker, 2002-14; International Union of Pure and Applied Chemistry (IUPAC) US National Committee 2002-08; United Nations Environment Program (UNEP), Stockholm Convention: Non-Government Organization Representative 1998-2014; Best Available Techniques/Best Environmental Practices, 2003-14; Dioxin Toolkit Group, 2006-14; National Research Council: Chemical Sciences Roundtable, 2006-14, Co-Chair 2011-14, Committee on Prudent Practices in the Laboratory, Co-Chair 2008-10; Council of Scientific Society Presidents, Board of Directors 2007-11, Chair, 2009; State of California: Green Ribbon Science Panel 2008-14; State of Oregon, Department of Environmental Quality Rigid Packaging Task Force, 1993-95; State of Florida, Packaging Council, 1993-94; DePauw University Science Advisory Board, 2004-11, Tulane University School of Science & Engineering Board of Advisors, 2008-16; The Vinyl Institute: Operating Committee 1993-2014, Chair 1998-03, 2007, 2010, 2014; American Chemistry Council: Public Health Team, 1998-03, Health, Product, Science Policy Committee 2003-11; Chlorine Chemistry Division: Operating Committee, 1996-2014; International Society Fire Service Instructors, Course: Company Officer Development I, Instructor, 1986-89; 75 Publications, 2 patents, 4 books.

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, 2013-17.

Service in ACS National Offices: Project SEED, Committee Associate, 2022; 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).

GAUTHIER, CARMEN V. *Florida Section.* Florida Southern College, Lakeland, Florida.

Academic Record: Pontifical Catholic University of Peru, B.S., 1983; University of New Hampshire, Ph.D., 1989.

Honors: ACS Fellow, 2018, Salutes to Excellence – ACS Florida Local Section, 2008; Fulbright Core Scholar, 2016-17; The Jesse Ball duPont Chair in the Natural Sciences, 2013 to date; Higher Education Leadership Institute – HERS, 2008-09; Omicron Delta Kappa Teacher of the Year, 2006.

Professional Positions (for past 10 years): Florida Southern College, The Jesse Ball duPont Chair in the Natural Sciences Professor, 1999 to date; Pontifical Catholic University of Peru in Lima-Peru, Visiting Professor, March 2015-June 2015, August 2016-December 2016.

Service in ACS National Offices: Committee on Education, Member, 2017-22, Committee Associate, 2015-16, Chair, 2021-22; Council Policy Committee, Member Ex-Officio (Nonvoting), 2021-22; Committee on Membership Affairs, Member, 2012-14; Committee on Community Activities, Member, 2006-11, Committee Associate, 2005.

Service in ACS Offices: *Florida Section:* Councilor, 2007-24, Chair, 2006, Chair-Elect, 2004.

Member (current): Member ACS since 1987. American Association for the Advancement of Sciences; National Science Teaching Association; Sigma Xi, Phi Kappa Phi; Gamma Sigma Epsilon. *ACS Division(s)*: American Association of Chemistry Teachers; Chemical Education.

Related Activities: ACS Exams Institute Board of Trustees, 2016-2021; National Chemistry Week and Chemists Celebrate Earth Week Coordinator for the Florida Local Section, 2000 to date; Florida Gulf Coast University, External Reviewer-Chemistry Department, 2020-21; Symposium Co-organizer at ACS National Meetings for the Undergraduate Oral Research, 2015 to date; Mid-Florida Chapter for the Fulbright association – Board member, 2022-present; All-Saints Academy Board of Trustees, 2012–18; Chemistry Collaborations, Workshops and Community of Scholars (cCWCS) – Member of the Leadership Council for Forensic Sciences Scholars, 2011–17; Division of Chemical Education, International Activities Committee, 2001-14, Chair 2009–14; ACS-ChemClub Advisory Board, 2006–12; Latin-American Chemical Congress, Symposium Organizer, 2014; UNCF - Merck Science Initiative, Selection Committee, 2015; National Science Foundation, Panel Reviewer for TUES and CCLI, 2009, 2011, 2013; Gamma Sigma Epsilon – Chemistry Honor Society, Executive President, 2007–09; Hispanic Business Council of the Lakeland Chamber of Commerce, Education Committee, 2002–08; International Center for First-Year Undergraduate Chemical Education, Board Member, 2006–10; Mentor over thirty students in Research.

GREENLEE, WILLIAM J. North Jersey Section. MedChem Discovery Consulting, Inc., Teaneck, New Jersey.

Academic Record: The Ohio State University, B.S., Summa Cum Laude 1972; Harvard University, Ph.D., 1976; Columbia University, National Institutes of Health Postdoctoral.

Honors: American Chemical Society Fellow, 2009; American Association for the Advancement of Science Fellow, 2007; ACS MEDI Division Medicinal Chemistry Hall of Fame, 2006; Pennsylvania Drug Discovery Institute Drug Discovery Award, 2011; Research and Development Council of New Jersey-Thomas Alva Edison Patent Awards, Adenosine A2A Receptor Antagonist preladenant, 2009, Thrombin Receptor Antagonist vorapaxar (Zontivity™), 2008; Alfred Burger Award in Medicinal Chemistry, 2004.

Professional Positions (for the past 10 years): MedChem Discovery Consulting LLC, President, 2011 to date; Synergy Partners Research & Development Solutions, Network Consultant, 2014 to date; Harrington Discovery Institute Therapeutics Development Team Consultant, 2013 to date.

Service in ACS National Office: Society Committee on Budget and Finance, Member, 2014-19, Chair, 2020-22; Committee on Executive Compensation, Member, 2014, Chair, 2015-18, Member, Ex-Officio, 2020-22; Council Policy Committee, Member, Ex-Officio (Nonvoting), 2020-22; Committee on Divisional Activities, Committee Associate, 2010, Member, 2011-12; Committee on Public Relations and Communications, Committee Associate, 2008-09.

Service in ACS Offices: *Medicinal Chemistry Division*: Councilor, 2009-23, Vice Chair, 2000; Long-Range Planning Committee Chair, 2000; Program Chair, 2001-02, Chair, 2003, *Organic Chemistry Division*: Executive Committee Member-at-Large, 2000-03, Chair, 2004, Program Chair, 2007-08, Symposium Executive Officer and Co-Organizer, 42nd National Organic Chemistry Symposium, Princeton University, 2011.

Member (current): ACS member since 1973. American Association for the Advancement of Science; The New York Academy of Sciences, Sigma Xi. *ACS Division(s)*: Medicinal Chemistry; Organic Chemistry.

Related Activities: *Journal of Medicinal Chemistry*, Editorial Advisory Board, 2001–06; Perspectives Editor, 2006-17; ACS Medicinal Chemistry Letters Editorial Advisory Board, 2010 to date, ACS Task Force on the Future of Meetings, 2019-21; Drew University Residential School in Medicinal Chemistry, Co-Organizer, 2001 to date; Scientific Advisory Board, Rider University, 2002–11; University of Kansas School of Pharmacy Executive Advisory Council, 2005, 2010; Sato International Award Nominating Committee, 2009 to date; Keystone Conference on Small Molecule Drug Discovery, Co-Organizer; Whistler, British Columbia, 2010; Section Head, *Faculty of 1000 Biology* (now *Faculty Opinions*), 2009 to date ; Stony Brook University, Advisory Board; Institute of Chemical Biology and Drug Discovery, 2010 to date; Medicinal Chemistry and Drug Discovery India (medicinal chemistry course), Co-Organizer, 2013, 2015 (Chennai), 2017, 2019 (Bengaluru); Gordon Research Conference on Medicinal Chemistry, Colby-Sawyer College, Chair, 1997; Co-author of 220 publications and co-inventor of 98 U.S. Patents.

HAZARI, ALAN A. *East Tennessee Section.* University of Tennessee, Knoxville, Tennessee.

Academic Record: American University in Cairo, B.S., 1968; Youngstown State University, M.S., 1972; University of Tennessee, Knoxville, Doctor of Science Education, 1997.

Honors: ACS Outreach Volunteer of the Year, 2014, ACS Fellow, 2011, ACS East Tennessee Section David A. Shirley Award, 2004, ACS Helen M. Free Award for Public Outreach, 2000; University of Tennessee Alumni Association Public Service Award, 2014, Tennessee Science Teachers Association Science Educator of the Year, 2002, University of Tennessee Chancellor’s Citation for Community Service, 1995.

Professional Positions (for past ten years): University of Tennessee, Knoxville, Director of Chemistry Labs and Lecturer, 1991-2015.

Service in ACS National Offices: Committee on Nominations and Elections, Member, 2017-22; Committee on Community Activities, Member, 2015-17, Committee Associate, 2012-14; Committee on Chemical Safety, Consultant, 2011, 2001-10, Chair, 2005-07, Committee Associate, 2001; Committee on Local Section Activities, Committee Associate, 2011.

Service in ACS Offices: *East Tennessee Section:* Councilor, 2000-23, Chair, 1996, Chair-Elect and Program Chair, 1995, Secretary, 1993-94; Tennessee Government Affairs Committee, 2008 to date; ACS Tour Speaker, 1998 to date.

Member (current): Member ACS since 1972. Institute of Chemical Education; National Science Teachers Association; Tennessee Science Teachers Association; Institute for Inquiry. *ACS Division(s):* Chemical Education.

Related Activities: University of Mississippi, Director of Chemistry Labs, 1976-91; Tougaloo College, Chemistry Instructor, 1973-76; Croydon Hall Academy, Science and Math Teacher, 1970-71; Shouf National College, Lebanon, Chemistry Instructor, 1968-70.

LANE, THOMAS H. *Midland Section.* (Retired). Midland, Michigan.

Academic Record: Purdue University, B.S., 1974; Central Michigan University, M.S., 1979; The Open University (Milton Keynes, England), Ph.D., 1990.

Honors: ACS Henry F. Whalen, Jr. Award for Excellence in Business Development & Management, 2018, ACS Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, 2016, ACS Henry Hill Award, 2016, ACS Fellow, 2011, Award for Outstanding Achievement and Promotion of the Chemical Sciences, Midland Section, ACS, 1994, 1991; Doctor of the University (honoris causa), Open University, 2011; Purdue University Distinguished Alumni Award, 2009; Elected, Charter Scientist, The Science Council (UK), 2004; Central Michigan University Distinguished Alumni Award, 2002; Dr. Martin Luther King, Jr., Recognition Award, 1995; Royal Society of Chemistry, Elected Fellow, 1994, Elected Charter Chemist, 1994; Lynn Heatley Award for Distinguished Service, Delta College, 1986.

Professional Positions (for past ten years): Retired; Delta College, CAO and Vice President of Instruction and Learning Services, 2010-13; Retired, Dow Corning Corporation, Global S&T Director, and Senior Research Scientist, 1974-2009; Visiting Professor of Chemistry, Open University, Milton Keynes, England, 2003-19.

Service in ACS National Offices: Committee on Nominations and Elections, Member, 2017-22; Leadership Advisory Board, Member, 2011-19; Committee on Education, member, 2011-16; Board of Directors, 2008-10; Ex-Officio Councilor, 2008–Lifetime; Past President, 2010; President, 2009; President-Elect, 2008; Committee on Budget and Finance, 2007-16, Vice-Chair 2010, Committee Associate, 2006; Executive Committee, 2008-10; Committee on Corporation Associates, 2000-07, Chair 2005-07, Vice-Chair 2002-04, Consultant 2010-15; Board of Trustees, Group Insurance Plans for ACS Members, 2002-10, Chair, 2007-10, Vice-Chair and Chair Pro Tem 2006; Committee on Committees, Member Ex Officio, 2008; Council Policy Committee (Voting), 2008-10, Chair, 2009; Committee on Grants and Awards, 2008-09; Committee on Public Affairs and Public Relations, 2008; Committee on Executive Compensation, 2008-10, Chair, 2010; Development Advisory Board, 2008-10; Committee on Planning, 2008-10;

Service in ACS Offices: Member ACS since 1973. *Professional Relations:* Past-Chair, 2022, Chair, 2021, Chair-elect, 2020; *Midland Section:* Councilor, 2005-07, Alternate Councilor, 2003-05; Past Chair, 1997, 1987, Chair, 1996, 1986, Chair-Elect, 1995, 1985; Secretary, 1982; Board of Directors, 1984-95, 1982, 2015, Ex Officio Director, 2016-Lifetime, Executive Committee, 1996-97, 1985-94, 1982, 2015, Ex Officio Director, 2016-Lifetime.

Member (current): American Association of Chemistry Teachers; Alpha Chi Sigma; Royal Society of Chemistry; Sigma Xi; The Scientific Research Honor Society, President Midland Chapter, 1988-89, North Central Region Associate Director, 2015-21; American Indian Science and Engineering Society (Sequoia Fellow), Society for the Advancement of Hispanic/Chicanos & Native Americans in Science (Life Member). *ACS Division(s):* Industrial and Engineering Chemistry; Business Development & Management; Professional Relations.

Related Activities: Trustee and Past Chairman of the Board of Trustees, Adjunct, 1979-87; Delta College, University Center; Trustee, Delta College Foundation Board; Trustee and Vice President, Dow Corning Foundation; Director, Midland Rotary, 2015-18; Rotary 6310 Assistant Governor; 2019-23; Director, Big Brothers and Big Sisters, 2007-10; Board of Managers, Alden B. Dow Museum of Science and Art, 2004-10.

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; American Society for Testing and Materials (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, Guest Scientist, October 2021 to date; Scientist, 1993-October 2021.

Service in ACS National Office: Committee on Committees, Member, 2019-21; Committee on Nominations and Elections, Member, 2013-18; Leadership Advisory Board, 2016-18, Committee Associate, 2014-15; Committee on Economic and Professional Affairs, Member, 2012; Committee on Nomenclature, Terminology and Symbols, Member, 2010-12, Committee Associate, 2009; Committee on Meetings & Expositions, Member, 2005-10 Committee Associate, 2004.

Service in ACS Offices: *Central New Mexico Section:* Councilor, 2003-23; 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, 2013-2022, 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; Small Chemical Businesses.

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.* Joint School of Nanoscience and Nanoengineering, Greensboro, 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; ACS Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences (Southeastern Region), 2013; American Crystallographic Association Elizabeth A. Wood Science Writing Award, 2014; 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 to date; The University of North Carolina at Charlotte, Professor, 2006-21; Associate Professor, 2002-06, Assistant Professor, 1996-2002; National Science Foundation, Program Director, Chemistry Division, 2009-11; Catholic University (Lima, Peru), Visiting Professor, 2011.

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

Service in ACS Offices: *Carolina-Piedmont Section:* Councilor, 2020-22, 2014-16, 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: ACS Project SEED program coordinator at UNC Charlotte, 1999-2007; 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 to date; Editorial Board member, *Polyhedron*, 2012 to date; Editor, *Philatelia Chimica et Physica*, 2005-16; F. Albert Cotton Award in Synthetic Inorganic Chemistry selection committee member, 2005-08; 67 peer-reviewed publications.

RITCHIE, JASON E. *Ole Miss Section.* The University of Mississippi, Oxford, Mississippi.

Academic Record: University of California, San Diego, B.S., 1994; University of Texas, Austin, Ph.D., 1998.

Honors: Electrochemical Society, Department of Energy Summer Research Fellow, 1998; Cora Lee Graham Award for Outstanding Teaching of Freshmen, The University of Mississippi, 2007; SEC-Academic Consortium Academic Leadership Development Program, Fellow, The University of Mississippi 2010-11.

Professional Positions (for past ten years): University of Mississippi, Faculty Fellow for Undergraduate Research in the Office of Research and Sponsored Projects 2017 to date, Associate Professor, 2006 to date, Assistant Dean for Undergraduate Research, 2012-13.

Service in ACS National Offices: Committee on Committees, Member, 2020-22; Committee on Local Section Activities, Member, 2014-19, 2013, Chair 2017-19; Council Policy Committee, Member (non-voting), 2017-19; Committee on Committees, Member, 2013; Leadership Advisory Board, Member, 2014-16, Committee Associate, 2013; Committee on Membership Affairs, Member, 2006-12, Committee Associate, 2005; Younger Chemists Committee, Member, 2002-07, Committee Associate, 2000-01; ACS Board Oversight Group on Leadership Development, Pipeline Implementation Team, Member, 2005-10.

Service in ACS Offices: *Ole Miss Section:* Councilor, 2002-22; Chemistry Olympiad Coordinator 2018 to date; *North Carolina Section:* Younger Chemists Committee, Chair 1998, Career Program Liaison, 1998.

Member (current): Member ACS since 1997. Alpha Chi Sigma; Electrochemical Society. *ACS Division(s):* Inorganic Chemistry.

Related Activities: American Chemical Society: Facilitates two courses in the ACS Leadership Development System: Coaching & Feedback, and Collaboration Across Boundaries, 2009 to date; ACS Leadership Institute, New Chairs Track, Lead Facilitator 2022, Local Section Leaders Track, Lead Facilitator, 2018-20; Committee on Chemistry and Public Affairs, YCC Liaison, 2001-06; ACS Science and Technology Congressional Visits Day in Washington, DC, 2001-03; ACS-CPT Periodic Report for Recertification, 2016; University of Mississippi: MS Region VII Science Fair, Chair, Scientific Review Committee, 2006-09, 2011 to date; Freshman Chemistry Committee, Chair 2009 to date; UM Innovations in STEM Education Initiative, Chair, Innovative Teaching & Learning Working Group, 2012-13; Goldwater Nomination Advisory Committee, 2014 to date; UM Faculty Senate, 2008-10, Vice-President, 2009-10, Chair, General Academic Affairs Committee, 2008-09; UM Intercollegiate Athletics Committee, Chair, Academic Subcommittee, 2007-15, Conducted the review of the Office of Student Athlete Academic Support for the NCAA Certification Self-Study, 2008, 2011, Department of Chemistry & Biochemistry: SEC Certificate in Multicultural Mentoring, 2021, Academic Program Review, 2017; Advocate for Active Learning techniques and POGIL practitioner. Community: Oxford School District Foundation, Board Member, 2017-20, Grants Chairman, 2018-19, President, 2020.

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. Mark A. Benvenuto | 6. Harry J. Elston |
| 2. Michelle V. Buchanan | 7. Martin D. Perry |
| 3. Alan B. Cooper | 8. Robert A. Pribush |
| 4. Debbie C. Crans | 9. Ellene Tratras Contis |
| 5. Kelly M. Elkins | 10. Kathryn E. Uhrich |

The Council must elect five individuals: The five candidates receiving the highest numbers of votes will be declared elected for the 2023-2025 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 the Council voting technologies,
- take on an active role during the Council Meeting. In that sense, members are also expected to be present 2 ½ hours prior to the beginning of an in-person or hybrid Council meeting at 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, commitment to diversity, 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 system from approximately 2 p.m. – 3 p.m. on Tuesday, and
- begins their Council activities 2 ½ hours before Council start time

Members of N&E must be voting Councilors.

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

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

2022-2024

Allison Aldridge, Chemical Society of Washington Section
Holly L. Davis, Georgia Section
Peter K. Dorhout, Ex-Officio (Ames Section)
Silvia Ronco, Inorganic Chemistry (Southern Arizona Section)
Martin D. Rudd, Northeast Wisconsin 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, ACS Salute to Excellence, Detroit Section, 2012, Award, ACS Detroit Section Distinguished Service, 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 2001-19.

Service in ACS National Offices: Committee on Environmental Improvement, Committee Associate, 2020-22; Committee on Nomenclature, Terminology and Symbols, Member, 2004-18, Committee Associate, 2002-03; Committee on Meetings and Expositions, Committee Associate, 2015; Committee on Constitution and Bylaws, Member, 2009-14, Committee 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:* Immediate Past Chair, 2019-21, 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; History of Chemistry; Chemical Education; Chemical Toxicology; Energy and Fuels; Environmental Chemistry and Inorganic.

Related Activities: Environmental 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, 1994-2015.

BUCHANAN, MICHELLE V. *East Tennessee Section*. Oak Ridge National Laboratory (ORNL), Oak Ridge, Tennessee.

Academic Record: University of Kansas, B.S., University of Wisconsin, Madison, Ph.D.

Honors: ACS Fellow, 2010, ACS Division of Analytical Chemistry Roland Hirsch Award for Service to Analytical Chemistry, 2022; U. North Carolina-Asheville S. Dexter Squibb Lecturer, 2022; AAAS Fellow, 2015; TMS Ellen Swallow Richards Diversity Award, 2019; Vanderbilt University Hall Lecturer, 2008; UT-Battelle Excellence Award, 2002; UT-Battelle Leadership Award, 2000; ORNL Technical Achievement Award, 1998, 1993, 1989, 1985; University of Wisconsin McElvain Lecturer, 1990; American Women in Science Technical Award (East Tennessee Chapter), 1988; IR-100 Award, 1986.

Professional Positions (for past ten years): Deputy for Science Programs, DOE Office of Science, Senior Technical Advisor, 2020 to date; ORNL Deputy Director for Science and Technology, 2017–20; Associate Laboratory Director, Physical Sciences, 2004–17.

Service in ACS National Offices: Committee on Nominations and Elections, Member, 2020-22; Committee on Economic and Professional Affairs, Committee Associate, 2019; Committee on Committees, 2013–18; Committee on Divisional Activities, 2012–13, Committee Associate, 2011; Committee on International Activities, Committee Associate, 2007–09; *Analytical Chemistry*, Editorial Board, 1991–93.

Service in ACS Offices: *Analytical Chemistry Division*: Councilor, 2009–22; Alternate Councilor, 2000–02; Treasurer, 1995–98. *East Tennessee Section*: Chair, 1995; Chair-Elect, 1994.

Member (current): ACS member since 1975. American Association for the Advancement of Science; American Society for Mass Spectrometry; Materials Research Society; Sigma Xi; Alpha Chi Sigma. *ACS Division(s)*: Analytical Chemistry.

Related Activities: Dallas 2014 ACS Spring National Meeting, Technical Organizer; NAS Board on Chemical Sciences and Technology, 2014–20; NSF Mathematics and Physical Sciences Advisory Committee (MPSAC) Subcommittee on Food Security, Chair, 2014; NRC Chemical Science Roundtable, 2003–05; Co-Chair, DOE Basic Energy Sciences Workshops on Hydrogen, 2002; Electrical Energy Storage, 2007; Carbon Capture, 2010; Environmental Management, 2015, and Future Nuclear Energy, 2017; Associate Editor, *Biological Mass Spectrometry*, 1990–95; American Society for Mass Spectrometry, Treasurer, 1988–90. *Editorial Boards*: *Journal of Mass Spectrometry*, 1995–2000; *Biological and Environmental Mass Spectrometry*, 1986–90; *Organic Mass Spectrometry*, 1989–94; *Fresenius Journal of Analytical Chemistry*, 1998–2000. *Advisory*

Boards: Brookhaven National Laboratory Board of Directors, 2018–22; Oak Ridge Associated Universities, 2018–00; Cornell University EFRC, 2010–22; University of North Carolina EFRC, 2010–14; University of Wisconsin Department of Chemistry, 2011 to date; Argonne Advanced Photon Source, 2007–10; Vanderbilt University Engineering School, 2006–12; Sandia Biotechnology Council, 2004–05; University of Tennessee Department of Chemistry, 2000–22; National High Magnetic Field Laboratory, 1999–2001; Boston University School of Medicine NIH Mass Spectrometry Center, 1997–2010.

COOPER, ALAN B. *North Jersey Section.* (Retired) Merck Research, Cooper MedChem Consulting, Montclair, New Jersey.

Academic Record: Rutgers University, B.S., 1973; M.S., 1977; Ph.D., 1984.

Honors: ACS Burton C. Belden Distinguished Service Award, 2018, ACS Fellow, 2010, ACS E. Ann Nalley Regional Award for Volunteer Service, 2010; Schering-Plough Research Institute Presidents Award for Outstanding Scientific and Technical Achievement, 1988.

Professional Positions (for past ten years): Cooper MedChem Consulting, Consultant, 2012 to date; Montclair State University, Adjunct Professor, 2012-15; Retired, Merck Research Labs, 2011 to date, Research Fellow, 2009-11.

Service in ACS National Office: Committee on Nominations and Elections, Member, 2020-22; Committee on Membership Affairs, Committee Associate, 2019; Committee on Committees, Member, 2013-18; Committee on Local Section Activities, Member, 2003-08, Committee Associate, 2002; Committee on Meetings and Expositions, Member 2011-12, Committee Associate, 2009; Committee on Divisional Activities, Member, 1996-2001.

Service in ACS Offices: *North Jersey Section:* Councilor 1995-2023; Program Chair, 2020-24, 2013-15; Chair, 1998, Chair-Elect, 1997; Professional Relations Committee, Chair, 2006; Finance Committee, 1999-2006; Executive Committee, 1997-2008; Program Planning Committee, Chair, 1999-08; *Middle Atlantic Regional Meeting (MARM):* Councilor Caucus, Chair, 2010 to date; General Co-Chair, 2005; Alternate Delegate, 2005 to date; Program Chair, 1999.

Member (current): Member ACS since 1974. American Association for the Advancement of Science; New York Academy of Science. *ACS Division(s):* Medicinal Chemistry and Organic Chemistry.

Related Activities: Canvassing Committee, George and Christine Sosnovsky Award for Cancer Research, 2014-15; Canvassing Committee, Earle B. Barnes Award for Leadership in Chemical Research Management, 2013 to date; Task Force on Financial Goals for National Meetings & Expositions, 2013; Committee Associate, 2002; Task Force on Local Section/Division Interactions, 2002-04; National ACS Award for Team Innovation, 2001-02; Lifetime Achievement Award Subcommittee, 1998; Website Committee Chair, 2000 to date; Nominating Committee Member, 2000-05, Chair, 2000; Indicator Committee, 1999-2003; Planning Committee, 1998 to date; Baekeland Award Jury, Foremen, 1997; “From Bench to Pilot Plant Symposium,” Organizing Committee, 2000, 1997-98; Topical Group Planning Committee, Chair, 1996 to date; Organic Topical Group, Chair, 1995; Local Section Activities Committee-Divisional Activities Committee Joint Subcommittee, 2004-08, Co-Chair, 2006-08; Committee on Analytical Reagents, 2013-15; Medicinal Chemistry Division, Session Chair, 2005 ACS Spring National Meeting (“Targeting Kinase Inhibition for Cancer Therapy”); Montclair State University Visiting Committee Chair, 1999; Chemistry Olympics Judge (New Jersey Institute of Technology and North Jersey Section), 1999-2007 & 2012 to date; Poster Session Judge at New York Academy of Sciences/ACS New York Section Annual Chemistry Graduate Poster Session, 1997; 58 publications & presentations and 66 patents and patent applications.

CRANS, DEBBIE C. *Colorado Section.* Colorado State University, Fort Collins, Colorado.

Academic Record: University of Copenhagen, Denmark Candidate of Science, Degree Part 1 1978; University of Erlangen, Germany, Research Candidate, 1980; Harvard University, M.S 1983, Ph.D. 1985; University of California, Los Angeles, Postdoctoral Fellow, 1985-86.

Honors: ACS Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, 2020, ACS Award for Distinguished Service and Outstanding Research in the Advancement of Inorganic Chemistry, 2019, Arthur C. Cope Scholar Award, 2015; ACS Colorado Section Research Award, 2010, ACS Fellow, 2009; Royal Society Fellow, 2016; American Association for the Advancement of Science Fellow, 2014; Japanese Coordination Chemistry Society, Lectureship Award, 2012; Inaugural Vanadis Award, 2004; Japan Society of Promotion of Science Fellowship, 2001; Alexander von Humboldt Senior Research Award, 2000; Alfred P. Sloan Research Fellow Award, 1993-96; Eli Lilly Young Investigator Award, 1990-92; Colorado State University Scholarship Impact Award, 2021; Office for Undergraduate Research and Artistry Award, 2019; Interdisciplinary Scholarship Award, 2017; Faculty Institute for Inclusive Excellence Fellow, 2015; Best Teacher Award, 2011; Undergraduate Teaching, Research and Mentoring Award, 2005; The Margaret Hazaleus Award, 2001.

Professional Positions (for past 10 years): Colorado State University, University Distinguished Professor, 2022 to date; Professor Laureate, 2015-17; Professor, 1998 to date, Visiting Professor: University of Vilnius, Lithuania, 2014, University of Strasbourg, France, 2015, University of Sydney, Australia, 2015, Technical University of München, Germany, 2018, Universidad Nacional de La Plata, Argentina, 2018, Central China Normal University, Wuhan, China, 2019.

Service in ACS National Offices: International Activities Committee, Committee Associate, 2022; ACS Divisional Officers Council Caucus, Chair, 2021-23; Committee on Meetings and Expositions, Committee Associate, 2018; Committee on Science, Member, 2011-17; ACS Presidential Task Force on U.S. Employment of Chemists, 2015-16; *Inorganic Chemistry*, Editorial Board, 2010-13; *Chemical and Engineering News*, Advisory Board, 1996-98.

Services in ACS Offices: *Division of Inorganic Chemistry:* Councilor, 2016-24; Past Chair, 2015; Chair, 2014; Chair-Elect, 2013; Program Chair, 1998-2009. *Colorado Section:* Councilor, 2021-23; Immediate Past Chair, 2021, 2018; Chair, 2020, 2016-17; Chair-Elect, 2019, 2015. *Rocky Mountain Regional Meeting:* Co-Chair, 2020; Program Chair, 2020, Local Venue Chair, 2017.

Member (current): Member ACS since 1981. American Association for the Advancement of Science; Electron Paramagnetic Society; Society of Biological Inorganic Chemists; International Society for Vanadium Chemists. *ACS Division(s):* Biological Chemistry; Inorganic Chemistry; Medicinal Chemistry; Organic Chemistry; Small Chemical Businesses.

Related Activities: International Coordination Chemistry Conference Chair 2024 and Advisory Board, 2014-28; Chair, Vanadis Award Committee, 2014-16; Editorial Boards, *New Journal of Chemistry*, 2011-24; *Journal of Inorganic Biochemistry* 2011-24; *Journal Biological Inorganic Chemistry*, 2008-11; *Chemija*, 2007-18; Council of Society for Biological Inorganic Chemists, 2010-13; Metals in Medicine Gordon Conference, Chair, 2010; Biophysical Biochemistry National Institute of Health Study Section, Member, 1996-2000; Zing Coordination Chemistry Conference, Chair, 2008-09, 2011, 2013; Vanadium Symposium at the Fifth Chemical Congress of North America, Cancun, Mexico, Founder and Organizer, 1997; International Advisory Board for Vanadium Science, 1998 to date.

ELKINS, KELLY M. *Maryland Section.* Towson University, Towson, Maryland.

Academic Record: Keene State College, B.S., Biology, B.A., Chemistry, 1997; Clark University M.A., 2001, Ph.D., 2003; University Heidelberg and European Media Lab (Germany) Fulbright Scholar, 2001-02; Massachusetts Institute of Technology Cancer Research Institute Post-Doctoral Fellow, 2003-04.

Honors: Towson University Fisher College of Science and Mathematics University and Professional Service Award, 2022; Cancer Research Institute Postdoctoral Fellow, 2003-04; Selected student participant to Lindau Meeting of Nobel Laureates, 2002; Clark University Outstanding Teaching Assistant Award, 2001, Clark University Anthony D. Theoharides Graduate Award in Chemistry, 2000.

Professional Positions (for past ten years): Towson University, Professor, 2022 to date, Associate Professor, 2018-22, Assistant Professor, 2012-18; Metropolitan State College of Denver, Assistant Professor, 2007-12, Director of Forensic Science, 2010-12.

Service in ACS National Offices: Committee on Ethics, Member, 2017-21, Committee Associate, 2016-17, Consultant, 2022.

Service in ACS Offices: *Maryland Section:* Councilor, 2020-22, Vice-Chair, 2022, Chair Elect, 2021, Co-Subcommittee Chair, 2020, Alternate Councilor, 2014-19; *Colorado Section:* Alternate Councilor, 2010-12; *Professional Relations Division:* Secretary, 2019-22; Ethics Subdivision, Chair, 2020, Chair Elect, 2019.

Member (current): Member ACS since 2001. American Academy of Forensic Sciences (Fellow); Council of Forensic Science Educators, President 2012. *ACS Division(s):* Analytical Chemistry and Professional Relations.

Related Activities: ACS Division of Chemical Education Examinations Institute, Diagnostic of Undergraduate Chemistry Knowledge Exam Committee Member, 2015-17; ACS Symposium Series Book #1401, 2021; *Journal of Forensic Science Education*, Tri-Editor-in-Chief; 2018 Proposal reviewer for NIJ and NSF panels; Organizer and presider for six Professional Relations Division symposia; Co-editor of *International Ethics in Chemistry: Developing Common Values Across Cultures*, Co-author of *Next Generation Sequencing in Forensic Science: A Primer*, Taylor & Francis/CRC Press, 2021; Author of *Introduction to Forensic Chemistry*, Taylor & Francis/CRC Press, 2019; Author of *Forensic DNA Biology: A Laboratory Manual*, Elsevier Academic Press, 2013; Presenter of almost 200 international, national, and regional conference presentations and invited lectures including selection as the ACS Nashville Section National Women's History Month Invited Speaker for 2022; Published 12 invited book chapters and over 35 journal papers on my research.

ELSTON, HARRY J. *Decatur-Springfield Section.* Midwest Chemical Safety, LLC, Dawson, Illinois.

Academic: Hillsdale College, B.S. (Chemistry/Physics), 1984; Indiana University, M.S. (Physical Chemistry), 1992; Columbia Pacific University, Ph.D., 1996.

Honors: ACS Division of Chemical Health and Safety Tillmanns-Skolnik Award, 2019; ACS Fellow, 2015; ACS Division of Chemical Health and Safety Howard Fawcett Chemical Health and Safety Award, 2003; Chemical Health and Safety, Fellow 2003.

Professional Positions (for past 10 years): Midwest Chemical Safety, LLC, Principal and Senior Scientist, 1996 to date; Illinois Emergency Management Agency, Radiochemistry Laboratory Supervisor and Senior Scientist, 1992-2013.

Service in ACS National Offices: Local Section Activities Committee, Member, 2022-23, Committee Associate, 2021; Committee on Environmental Improvement, Committee Associate, 2019; Committee on Chemical Safety, Consultant, 2005-09; Committee on Chemical Safety, Member, 2009-18, Subcommittee Chair, 2010-18.

Service in ACS Offices: *Decatur-Springfield Section:* Councilor, 2015-23, Chair, 2022, 2020, 2017-18, 2015, Chair-Elect, 2021, 2019, 2014, Alternate Councilor, 2009-11; *Chemical Health & Safety Division:* Immediate Past Chair, 2022, 2018; Chair, 2021, 2017, Chair-Elect, 2019, 2016; Editor-in-Chief *Journal of Chemical Health and Safety*, 1999-2019.

Member (current): Member ACS since 1991. American Industrial Hygiene Association; Project Management Institute. *ACS Division(s):* Division of Chemical Health and Safety; Small Chemical Businesses.

Related Activities: Publications Committee Member, American Industrial Hygiene Association, 2003 to date; Certified Industrial Hygienist, 2002 to date; Project Management Professional, 2019 to date.

PERRY JR, MARTIN D. *Central Arkansas Section.* University of Arkansas for Medical Sciences, Little Rock, Arkansas.

Academic Record: Arkansas Technical University, B.S., 1990; Oklahoma State University, Ph.D., 1994.

Honors: ACS E. Ann Nalley Southwest Region Award for Volunteer Service, 2021; ACS Central Arkansas Section Outstanding Service, 2010, ACS Central Arkansas Section Professor of the Year, 2006; Stephens Award for Outstanding High School Teaching, 2021.

Professional Positions (for past ten years): University of Arkansas for Medical Sciences, Vice Chair for Professional Education and Associate Professor of Pharmaceutical Sciences, 2021 to date; Mount St. Mary Academy, Chemistry Teacher, 2019-21; St. Louis College of Pharmacy, Associate Professor, 2016-19; Ouachita Baptist University, Nell I. Mondy Professor of Chemistry, 1998-2016.

Service in ACS National Offices: Committee on Divisional Activities, Member, 2022-23, Committee Associate, 2021; Committee on Meetings and Expositions, Member, 2015-20, Committee Associate, 2014; Society Committee on Education, Committee Associate, 2010-11.

Service in ACS Offices: *Central Arkansas Section:* Councilor, 2009-24, Webmaster, 2009, Secretary, 2003, Chair, 2006, 1998-99, Chair-Elect, 2005, 1998, Alternate Councilor, 2000-06; *Division of Chemical Education:* Alternate Councilor, 2021-23, Regional Meetings Committee Chair, 2015 to date; *Southwest Regional Meeting:* Chair, 2009-10; *64th Southwest Regional Meeting:* General Co-Chair, 2008, 2018.

Member (current): Member ACS since 1992. *ACS Division(s):* Chemical Education.

Related Activities: The POGIL Project, Steering Committee, Chair, 2012-15, 2017 to date; National Conference to Advance POGIL Practice Organizing Committee, 2016 to date; The POGIL Project Workshop Facilitator, 2005 to date; INBRE Southeast Regional Meeting Scientific Advisory Committee, 2013; Multi-Initiative Dissemination Project Workshop Facilitator, 2001-04.

PRIBUSH, ROBERT A. *Indiana Section.* Butler University, Indianapolis, Indiana.

Academic Record: University of Delaware, B.S., 1968; University of Massachusetts, Ph.D., 1972.

Honors: Award for Volunteer Service to the American Chemical Society, 2014; ACS Fellow, 2013; Indiana Section Service Award, 2013; Phi Kappa Phi, Chapter President, 1989-98; Lilly Foundation Open Faculty Fellow, 1992; Holcomb Research Institute Fellow, 1983.

Professional Positions (for past ten years): Butler University, Professor Emeritus, 2016 to date; Professor, 1986-2016.

Service in ACS National Offices: *Division of Chemical Education Finance Committee:* Member, 2021-22; Committee on Science, Committee Associate, 2021-22; Committee on Committees, Member, 2015-20; Committee on Meetings and Expositions, Member, 2014, Committee Associate, 2012-13; Committee on Nominations and Elections, Member, 2009-11; Council Policy Committee, Member, 2005; Committee on Publications, Member, 2008-11, Committee Associate, 2006-07; Committee on Membership Affairs, Member, 2004-05, 1993-96, Committee Associate, 2003, 1992; Committee on Economic and Professional Affairs, Member, 1997-02; Board of Trustees, Group Insurance Plans for ACS Members, Member Ex-Officio, 1993-96; Younger Chemists Committee, Member, 1976-81; Chair, 1978-80; Professional Programs Planning and Coordinating Committee (PROPPACC), 1978-80; *C&EN* Editorial Board, Member, 2010-11; Program Review Advisory Group, 2006; Advisory Board, Office of Cooperative Education, 1978-86; SCIQUEST Task Force, 1980-82.

Service in ACS Offices: *Indiana Section:* Councilor 1991-2022; Alternate Councilor, 1982-90, Chair, 1980, Chair-Elect, 1979, Education Committee, 1986-92, 1982, 1975-79, 2009-22, Chair, 1986-92, 1979, 2009-22; Chemistry Olympiad Chair, 2009-22, Program Committee Chair, 1982, 1977, Executive Committee, 1976-22; 2013 Indianapolis National Meeting Lead Team, 2013-14; *Central Regional Meeting:* Symposium Chair, 2011. *Central Regional Meeting:* Program Chair, 2004; *Joint Central-Great Lakes Regional Meeting:* Symposium Chair, 1991; *Division of Chemical Education:* Examinations Institute, General Chemistry Laboratory Assessment Exam, 2009-12; Diagnostic Test of Undergraduate Chemical Knowledge Exam Committee, Chair, 2006; Inorganic Chemistry Exam Committee, 2000; Chair, 2000-02; General Chemistry Exam Committee, 1991-96; Chair, 1994-96; *ChemEd* 83 Advisory Board, Chair 1981-83.

Member (current): Member ACS since 1969. *ACS Division(s):* Chemical Education.

Related Activities: Indiana Science Olympiad Board of Directors, 1993-2012, Treasurer, 1999-2012; Holcomb Research Institute Biotic Resources, Program Associate, 1985-90; University of Southern California, Postdoctoral Fellow, 1972-74; Wolf Technical Services, Technical Consultant/Expert Witness, 1977 to date; Textbook and textbook supplement consulting editor and author.

TRATRAS CONTIS, ELLENE. *Huron Valley Section.* Eastern Michigan University, Ypsilanti, Michigan.

Academic Record: Youngstown State University, B.S., 1968; University of Pittsburgh, M.S., 1971; University of Michigan, Ph.D., 2001.

Honors: ACS Fellow 2015; Fulbright Specialist Scholar, 2014-19; Michigan Philanthropy Award, Distinguished Volunteer for Women in Philanthropy at Eastern Michigan University, 2012; Institutional Award for cross-divisional work on the Research Undergraduate Symposium, 2003;

Michigan Association of Governing Boards' Distinguished Faculty, 1993; Eastern Michigan University Distinguished Faculty Award for Teaching Excellence, 1979; 4th International Forum on Academics and Science-North American delegate, Greece, 2001; American Council on Education (ACE) Fellow nominee, Eastern Michigan University, 1997.

Professional Positions (for past ten years): Eastern Michigan University, Distinguished Professor, 1971 to date; Creative Scientific Inquiry Experiences, Founder and Director, 2005-22; President's Commission on Women, Chair, 2020-22.

Service in ACS National Offices: Committee on Economic and Professional Affairs, Member, 2019, Subcommittee on Policy and Ethics, 2018 to date, Committee Associate, 2018; Committee on International Activities, Member, 2009-17, Chair, 2016-17, Subcommittee-Europe and the Middle East, Chair, 2013-16, Associate Member, 2005-08; Committee on Nominations and Elections, Vote 20/20 Task Force, 2017-18; Council Policy Committee LRP Subcommittee, Task Force 2017-18; Committee on Professional Training-Council Resources, Task Force, 2018.

Service in ACS Offices: *Huron Valley Section:* Councilor, 2009-23, Alternate Councilor, 2003-08; Chair, 2009, Chair-Elect, 2008, Secretary, 2006-08; Various Regional Conference Outreach Committees.

Member (current): Member ACS since 1972. American Association for the Advancement of Science; US National Committee for the International Union of Pure and Applied Chemistry; Michigan College Chemistry Teachers Association; Alpha Chi Sigma; Phi Lambda Upsilon Honorary Chemical Society. *ACS Division(s):* Chemical Education.

Related Activities: ACS Building Opportunity Out of Science and Technology (BOOST) Train-the-Trainer Institutes, 2016, 2015, ACS Global Chemical Code of Ethics (GCCE) Workshop, 2016, ACS National Meetings: Indianapolis, Co-organizer, 2013, Water: Global Problems, Local Solution, San Francisco, 2017; Teaching, Researching & Community Building in the Global Chemical Enterprise, 2017; Global Workforce Facilitator, Thailand, Australia, 2016; ACS Global Chemists Code of Ethics Science and Technology Training Institute (GCCE STLI), 2017; Committee on Science Strategic Planning Retreat; MAC Strategic Planning Retreat, 2017; Editorial Work/Consultancies/Review Panels, Lead Editor of ACS Symposium Book, *Responsible Conduct in Chemistry Research and Practice: Global Perspectives*; Agricultural & Food Division International Flavor Conferences, 2012, 2009, 2004, 2000, 1997; Asia Pacific International Chapters Conference (APICC), 2017; International Activities Committee: *Water Innovation Treatment and Solutions* (WITS), 2014; various National Science Foundation (NSF) programs reviewer, 2006 to date; Manuscript reviewer, *Journal of Chemical Education* and *Analyst*, ongoing. Increasingly responsible administrative positions, EMU, Associate Vice President and Assistant Vice President for Academic Affairs, Dean and Associate Dean, Women's Studies Director, 1992-2006; Pan-Icarian Foundation, Chair, 2019 to date, Director 1997-99, 2014 to date; Pan-Icarian Brotherhood of America (PIB) of America, President, 1995-96; CAS Resource Development Board, 1996-2002; Institute for Diversity in Business Services Board, 1996-98; PAIDEIA of Michigan, 2000-05; Michigan Women's Huron Valley Correctional Facility, volunteer, 2018-19.

UHRICH, KATHRYN E. *San Gorgonio Section.* University of California-Riverside, Riverside, California.

Academic Record: University of North Dakota, B.S., 1986; Cornell University, M.S., 1989; Cornell University, Ph.D., 1992.

Honors: ACS Fellow, 2014, ACS POLY Fellow, 2012, ACS Buck-Whitney Award-Eastern New York Section, 2005, ACS Presidential Travel Award, 2003; American Association for the Advancement of Science Fellow, 2021; American Institute for Medical and Biological Engineering Distinguished Fellow, 2021; Controlled Release Society Fellow, 2017; United States Patent and Trademark Office, National Academy of Inventors Fellow, 2013; Common Pathways Award, New Jersey Association for Biomedical Research, 2013; Turner Alfrey Visiting Professorship, Michigan Macromolecular Institute (Dow), 2012; Hall of Fame: Technology, New Jersey Technology Council, 2006; Thomas Alva Edison Patent Award: Medical/Technology Transfer, New Jersey R&D Council, 2003.

Professional Positions (for past ten years): University of California-Riverside, Professor, 2016 to date, Participating Faculty Member, 2016 to date; College of Natural and Agricultural Sciences, Dean, 2016 to date; Rutgers University, Dean of Mathematical & Physical Sciences, 2009-13, Professor, 1995-2017.

Service in ACS National Offices: Committee on Meetings and Exposition, Member, 2020-24, Committee Associate, 2019.

Service in ACS Offices: *Polymer Chemistry Division:* Councilor, 2018-23; *North Jersey Section:* Councilor, 2005-07.

Member (current): ACS Member since 1990. American Association for the Advancement of Science; American Institute for Medical and Biological Engineering; Iota Sigma Pi; Association for Women in Science, Advisory Board, 2016-20; Society for Biomaterials; Controlled Release Society; Materials Research Society. *ACS Division(s):* Polymer Chemistry and Polymeric Materials: Science & Engineering Chemistry.

Related Activities: GlycoMIP: An NSF Materials Innovation Platform, Member External Advisory Committee 2021 to date; *Journal of Bioactive and Compatible Polymers*, Editor-in-Chief, 2014 to date; Action Collaborative, National Academies, Founding Member Representative, 2019 to date; UC-wide Agricultural and Natural Resources Presidential Advisory Committee, Member, 2018 to date; HERS STEM Alumnae, Advisory Board Member, 2016-19; NSF North Dakota EPSCoR, External Advisory Board, Chair, 2014-19; National Research Council of the National Academies, Biomedical Engineering Materials and Applications, Committee Member, 2007; Materials Research Society, International Meeting Chair, 2005; Authored ~ 190 peer-reviewed articles and ~70 issued US and international patents.

REQUEST FOR SUGGESTIONS FOR 2024 ELECTED COMMITTEES

A Reminder

During the hybrid Council meeting on August 24, Councilors will elect members to the Committee on Committees, Council Policy Committee, and Committee on Nominations and Elections to fill 2023-2025 terms. The process to select nominees for 2024-2026 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, 2023, and the list of the other members of these committees. Names of individuals suggested for nomination should be inserted on the form on page **51**. This form can be emailed to the Chair of the Committee: Dr. Julianne M.D. Smist, nomelect@acs.org.

COMMITTEE ON COMMITTEES

Members of the Committee on Committees (ConC) whose terms end on December 31, 2023, are:

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

Martha G. Holloman and Diane Krone are ineligible for reelection.

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

Term ending December 31, 2024

Mary K. Engelman, Industrial & Engineering Chemistry (Northeast Tennessee Section)
Malika Jeffries-El, Northeastern Section
Brian M. Mathes, Indiana Section
Susan V. Olesik, Analytical Chemistry (Columbus Section)
Susan M. Schelble, Colorado Section

Term ending December 31, 2022

Rodney M. Bennett, Agrochemicals (North Carolina Section)
D. Richard Cobb, Rochester Section
Emilio X. Esposito, Computers in Chemistry (Michigan State University Section)
Jason E. Ritchie, Ole Miss Section
Stephanie Watson, Maryland Section

ConC nominees for 2023-2025 terms are listed in this Council agenda under "Election to Committee on Committees." Names of those elected will be announced at that meeting. D. Richard Cobb, Emilio X. Esposito, and Stephanie Watson are ineligible for reelection.

COUNCIL POLICY COMMITTEE

Members of the Council Policy Committee whose terms end on December 31, 2023, are as follows:

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

Zaida C. Morales-Martinez is ineligible for reelection.

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

Term ending December 31, 2024

Donna G. Friedman, St. Louis Section
Matthew Grandbois, Professional Relations (Central Massachusetts Section)
Fran K. Kravitz, Chicago Section
Louise M. Lawter, Princeton Section

Term ending December 31, 2022

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

CPC nominees for the 2023-2025 term are listed in this Council agenda under "Election to Council Policy Committee." Names of those elected will be announced at that meeting. Sally B. Peters is 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, 2023, are as follows:

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

Neil D. Jespersen and Julianne M.D. Smist are ineligible for reelection.

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

Term ending December 31, 2024

Allison Aldridge, Chemical Society of Washington Section
Holly L. Davis, Georgia Section
Peter K. Dorhout, Ex-Officio (Ames Section)
Silvia Ronco, Inorganic Chemistry (Southern Arizona Section)
Martin D. Rudd, Northeast Wisconsin Section

Term ending December 31, 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)

N&E nominees for the 2023-2025 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. Alan A. Hazari, Amber S. Hinkle and Thomas H. Lane are ineligible for reelection.



Dr. Julianne M.D. Smist
nomelect@acs.org

Dear Dr. Smist:

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. Smist no later than October 31, 2022

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 23, 2022, Virtual Council Meeting for selection of candidates for 2022 President-Elect. Also reported are the results of balloting (March 8) for the selection of candidates for Director from District II and for Director from District IV for 2023-2025 terms, and the Committee on Committees special election. Nominees selected as the candidates are identified by an asterisk.

President-Elect, 2023^a

Nominee	1 st Round	2 nd Round	3 rd Round
Frank D. Blum	74	--	--
*Mary K. Carroll	128	169	198
*Rigoberto Hernandez	115	132	173
Ingrid Montes	86	105	--

- a. 403 valid electronic ballots were cast, with 202 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.

District II^a

Nominee	1 st Round	2 nd Round	3 rd Round
*Kimberly Agnew-Heard	14	17	26
Gerard Baillely	8	--	--
Mark E. Jones	9	10	--
*Marcy Towns	14	18	19

- a. 45 valid electronic ballots were cast, with 23 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.

District IV^a

Nominee	1 st Round	2 nd Round	3 rd Round
*Christopher J. Bannochie	12	29	--
Carmen V. Gauthier	9	14	--
*Lisa Houston	34	--	--
Pamela M. Leggett-Robinson	3	11	--

- a. 58 valid electronic ballots were cast, with 23 being the majority. The results of the first preference vote totals are shown in the 1st round column. One nominee attained a majority. Following the procedures approved by Council, second-preference votes were distributed in two subsequent rounds. During the second round, a nominee attained a majority and following the procedures approved by Council, no further voting was required.

Interim Election for the Committee on Committees

**Rodney M. Bennett 148
Daniel Rabinovich 122

- * Individuals selected as candidates
** Individual elected

REPORT OF THE PRESIDENT

What a fabulous year this has been! It has been wonderful to reconnect with colleagues and meet new colleagues throughout this year.

In the ACS presidential succession, I have several priorities. Listed below is my progress towards these priorities, my activities, and a few activities in which I hope you will engage in or help promote for Chicago.

I. Activities (not addressed in II)

Now that travel has opened up and many events are being held in person, the past several months have been quite busy. In April, I was invited to give a virtual talk about my career pathway with the Kalamazoo Local Section. Following this, I had a great visit to the University of North Dakota as their George A. Abbott Lecturer, giving two talks, "From Thermodynamics to Spin Trapping: Challenges across the Periodic Table" and "From Adventures in Research to ACS Activities". At the later talk, there were over 100 students present. Though the university has a very active (and impressive) and engaged chemistry student chapter, only two of the students at my talk had joined ACS. This suggests that we have much work to do in terms of encouraging younger chemists to join ACS, even via the free membership option.

In May, I was invited to give a virtual talk on my research pathway to the Greater Houston Section. I also went on my first international trip in over two years and paid my first to the Middle East. I attended the MENA (Middle East and North Africa) Conference, hosted by the Qatar Chapter of ACS. I was very impressed with the meeting. There, I met with leaders of international chapters and international student chapters, to discuss their opportunities and challenges. There is much interest from them in partnering with divisions and other sections for virtual activities, and I encourage divisions, in particular, to consider reaching out to international chapters for possible collaborative activities. I provided welcome comments, spoke at the gala about the future of the chemical sciences, and gave a keynote talk on my research.

I had a delightful visit with the Georgia Local Section in May. After my presentation, we had an excellent discussion, brainstorming about routes to promote enthusiasm about chemistry. Among the topics brought up were: (1) most chemistry students have never met a chemist outside of academia; and (2) modernization of chemistry curriculum should be considered to reflect the excitement of today's chemistry challenges. I encourage greater opportunities for students to engage with chemists outside of academia, and I look forward to ongoing strategies to address the second point.

In May, I enjoyed the opportunity to meet new ACS local section and division leaders, as well as future leaders of our society, with a significant presence of younger chemists at the ACS Leadership Conference. There, I had the opportunity to talk with volunteers on the younger chemists track about leadership in science. Many thanks to the new ACS leaders for their willingness to take on new ACS roles.

Though I had planned on a multi-day visit to Brazil including participation in the Brazilian Chemical Society meeting, unfortunately, due to COVID, I was unable to attend.

In June, I attended the Central Regional Meeting (CERM) in Ypsilanti, and was honored to present the Stanley C. Israel Award to Ann Kimble-Hill. The Israel award is given for advancing diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the region. In June, I visited leaders and students from the Northeastern Section, and appreciated their tremendous hospitality. I also participated in the Chemistry Olympiad culminating event for the Chemistry Olympiad camp, giving a talk on "A Glimpse into the World of Computational Chemistry".

In July, I met with leaders from the Royal Society of Chemistry (RSC). I am participating in the LEADS Conference (<https://www.acs.org/content/acs/en/education/students/leads-conference.html>), an initiative proposed and planned by the 2020 ACS President Luis Echegoyen and ACS staff. The 3-day event was focused on preparing high-potential early career professionals and students for successful and impactful careers in the chemical enterprise.

II. Progress towards priorities:

(1) Empower and equip. Empowering and equipping our workforce for the future is vital.

ACS Meeting Saturday Sessions: It is often difficult to find the time for a rapid, targeted (for chemical scientists) approach to keep up with rapidly shifting technological approaches. On Saturday, August 20 prior to the start of the Chicago meeting, several half-day and full-day short courses will be available at no cost to meeting participants. Sign-up is via the ACS Registration portal. The courses, designed to provide introductions to the topics, include:

Introduction to Python for Data Science in Chemistry (in-person)

Fundamentals of Deep Learning (in-person)

How (and Why) to TikTok and Use Other Social Media Platforms (in-person session; virtual session)

Introduction to Quantum Computing (in-person)

Presidential Workshop on Entrepreneurship (hybrid)

Please encourage your colleagues to take advantage of these opportunities. If you have suggestions for Saturday Sessions for the spring or fall 2023 meetings, please reach out to me at a.wilson@acs.org.

Entrepreneurship: As mentioned in my prior report, in 2021, I proposed a new program for ACS to build our efforts in entrepreneurship, which is now underway. The development of a new component to the ACS Institute, the Entrepreneur Center, is planned to launch in 2023. The Entrepreneur Center will be a source of courses and early information about the entrepreneur process, built upon many years of ACS programming and significant efforts of a number of ACS divisions and members.

ACS continues to offer webinars for entrepreneurs and budding entrepreneurs. I have become engaged in the "Starting a Company" webinars that are led and coordinated by Jim Skinner and former ACS President Diane Grob Schmidt and sponsored by Immediate Past President H.N. Cheng. A recent, particularly useful webinar, now available online, is the Technology Transfer session from June 1. I plan to continue H.N.'s initiatives, with these sections continuing in 2023.

Internships/Co-ops: For many chemical scientists, internships/co-ops have been instrumental towards our career pathways. ACS has a useful internship/co-op portal - <https://getexperience.acs.org/> - that was designed for providing undergraduate opportunities. I want to draw your attention to this site, so that collectively, we can encourage employers/internship providers as well as students to utilize the site. The site is now being expanded to include short-term internship opportunities for graduate students, at the M.S. and Ph.D. levels. With the majority of chemical scientists going to careers outside of academia, these opportunities, including those at the M.S. and Ph.D. levels, provide important linkages to careers, but also bring back a new dimension of experience and insight to their home academic laboratories.

(2) Communicate and advocate. The need to better communicate about the impact of the chemical sciences to the public and to our policymakers is critical. Every way that we can engage the public, from outreach to webinars, is important.

Afternoon with the Public: In Chicago, on Sunday, August 25 at 2:00 p.m., we will have "An Afternoon with Joachim Sauer". Joachim is a well-known physical chemist, who will tell us a bit about his life, from the impact on science when the Berlin wall came down to his experiences as a professional chemist while also experiencing life with his wife, former German Chancellor Angela Merkel (also a physical chemist). This will be the first time that he speaks publicly about the later topic. **We encourage you to participate**, and invite others.

Chemists Celebrate Earth Week (CCEW): In April, to celebrate the CCEW theme, “The Buzz about Bugs: Chemistry of Insects”, I partnered with Michigan State University’s Department of Entomology and the Michigan State University Bug House - a fascinating outreach center – to create a short video (<https://vimeo.com/700623338>). During this week, I also joined in the celebrations of the Puerto Rico, Joliet, Permian Basin, and California Local Sections and the Federal University of Cear (Brazil) and The College of New Jersey Student Chapters. I thank these sections for their CCEW activities and their virtual hospitality. A continuing item of discussion that was brought up by a number of the sections was having intersection programming. I encourage sections to consider this for virtual events, in particular.

Each time we engage with the public it provides an opportunity to build our future chemical workforce and broaden the public understanding of science, inspiring others to pursue careers in the sciences. I encourage you to become engaged in engagement opportunities such as CCEW.

(3) Diversity and amplify. In looking into the future of chemistry – what I consider to be the advent of the *Transformative Age of Chemistry* – we have incredible challenges and opportunities ahead of us. A strong and large workforce are essential. In the 2030 National Science Board’s Vision 2030 report, the STEM workforce of 2030 must incorporate the “Missing Millions” – historically underrepresented populations in science – to make up the anticipated shortage in qualified STEM professionals.

ACS Programs: ACS Project SEED, ACS Scholars, and ACS Bridge programs are three of the great ways that ACS is addressing this potential shortfall. This summer, ACS President-Elect Judy Giordan and I will meet with Project SEED students and their parents to discuss career opportunities for these students at critical point –where many students are encouraged to seek pathways outside of the chemical sciences, or, even outside of STEM fields. We will discuss pathways and opportunities in the chemical sciences for these students. If you have Project SEED or ACS Scholars in your section, I encourage you to engage them – invite them to section events as well as virtual programming and share with them about your (positive!) career stories. I also encourage you to host Project SEED students. ACS is now offering in-person and virtual research/work experience for these students, and, in particular, needs additional virtual hosts in the future. This summer I am virtually hosting a Project SEED student and will share that experience with you. If you would like to participate in an event to support ACS Project SEED and ACS Scholars, please join in Zumba on Sunday, August 21 at 7:00 a.m. (CT) in conjunction with the Fall ACS Meeting at the Sheraton Grand Chicago in Riverwalk A.

Recognition opportunities: Recognition of outstanding chemical scientists is important, and I am working towards a route for a new recognition.

During this year, I have been partnering with the ACS Committee on Chemists with Disabilities to address disabilities in the workplace. An area of interest is chemical scientists with hidden (or invisible) disabilities (i.e., Aspergers Syndrome) and how we, as a profession, can work towards universal design towards success. There are opportunities to weigh in on this important topic as well as others in Chicago. On Tuesday, August 23 in conjunction with the Fall ACS Meeting in Chicago, the ACS Committee on Chemists with Disabilities will be holding three Presidential panel discussions addressing various disabilities in the workplace:

- **Science is for Everyone! Strategies and Suggestions & Accommodations** – Inclusive and strategic ways to promote the engagement of all individuals in science education, outreach, research, and various sectors of the workforce by using tried and true best working practices for addressing what everyone needs to be successful in any area of STEM.
- **What You Don’t See | Invisible Disabilities** – Any “physical, mental or neurological condition that is not visible from the outside, yet can limit or challenge a person’s movements, senses, or activities” is considered an invisible disability. Join this in-depth panel discussion on invisible disabilities and how to better engage and interact with this community in the STEM workforce.

- **Covering and Reverse Covering**– When individuals are concerned about being judged or discriminated against for their unique identities, they can begin to engage in “covering” behavior by actively obscuring their thoughts, opinions, and feelings in an effort to “fit in.” This panel discussion will cover the concept of covering and reverse covering for persons with disabilities, including personal stories and broader implications of this concept.

And, in Indianapolis I will host the **Women in Science | Women with Disabilities panel discussion** in collaboration with the Women Chemists Committee.

If your schedule permits, I also encourage you to attend other presidential/presidential recommends symposia: Unraveling PFAS Challenges and Opportunities: Environment, Health and Remediation. This symposium will feature U.S Representative Peter Meijer (R-MI). Other symposia include Robert H. Grubbs Symposium; Enabling the Circular Economy through Polymer Chemical Recycling; Chemistry for Sustainable Human Space Exploration; and the Perovskite Symposium (*from 2020 President Luis Echegoyen*)

I would also like to congratulate the Women Chemists Committee (WCC) on their 95th anniversary. I look forward to celebrating with WCC in Chicago and am honored to provide the WCC Luncheon talk at the meeting.

(4) Adapt and innovate: There is a bright future for ACS, being mindful of innovation and adaption that we must pursue to ensure the society remains strong, and relevant for chemical scientists. I appreciate the interactions that I have had with your committees, divisions, and local sections, hearing about what you are doing and what we can do better for our members, our society, and our world. I am grateful for the positive interactions that I have had with ACS staff as well. ACS Publications are so vital to many of our members. I have had discussions with leaders of ACS Publications about author experiences, and they have been responsive in addressing them to further enhance the experience.

At the Council meeting in Chicago, we will have a discussion on your ideas to enhance the ACS experience and/or impact for each member, section, division, and/or committee. I look forward to hearing your ideas!

We are all engaged in ACS for a reason – Let's provide these opportunities to others by encouraging our colleagues in industry, government, and academia to join, reaching out to undergraduate and graduate students, postdoctoral fellows, high school teachers, chemical technicians, environmental scientists, and others. Not only is membership individually rewarding, but broader participation also enables us as a society to better serve our profession across sectors.

And, let's engage in the ACS's Legislative Action Network. Interaction with our State and National legislators are so important. We need to ensure the vitality of chemical sciences and the chemistry workforce in areas such as education, workforce development, R&D, and manufacturing in chemistry. Though initial engagement can seem daunting, ACS's Legislative Action Network provides training, guidance, and even letters to make involvement much easier.

Finally, I welcome the opportunity to meet virtually, and have a rather open schedule for virtual meetings.

I look forward to further advancing the effectiveness and impact of ACS on the national and international fronts, striving to *“improve people's lives through the transforming power of chemistry”*. Feel free to contact me at a.wilson@acs.org.

Angela Wilson

REPORT OF THE PRESIDENT-ELECT

It is yet again an honor to address the Members of Council as ACS President-elect! Thank you all for your efforts, service and support of Chemistry and ACS during this very challenging time. As I spoke about in Spring 2022, and in my [Chemical & Engineering News \(C&EN\) Comment](#) the focus of all of my work is three-fold with the aim to ensure:

- **Chemists are a *trusted voice* for the chemical sciences and scientists/engineers with all people**—those trained in science and those not—with the skills to advocate for trust in science and trust in scientists. For as we all know, despite the best efforts of all STEM professionals, even the greatest of scientific innovations, discoveries and potential solutions can not achieve their higher purpose if society does not trust and believe in the science and the scientists telling the story.
- **ACS remains a strong force and advocate for the chemical sciences and chemical scientists/engineers** at the national, state and local levels.
- **We all walk-the-walk to embrace diversity, equity, inclusion and respect.** Diversity in chemistry takes many forms – from demographic associations to career choices to chosen fields of chemistry! It is very important for the future of chemistry and the ACS that our members represent the exciting and broad spectrum of 21st century chemists.

Here are some highlights of what is underway in 2022 thanks to the help and support from ACS governance, volunteers and staff.

Trust in Science and SCIENTISTS - an overarching theme: Working together with the Chair of the ACS Board of Directors, and the ACS Secretary and General Counsel, we are delighted to share a kickoff event at the Fall Chicago meeting. JOIN US on the EXPO floor Monday afternoon for It's All about *TRUST!* A fast 45-minute foray into what it takes to build trust in science and scientists. Be entertained, join in a reception to continue the dialogue afterward and hear about next steps and how your input and involvement are *key* for success and for implementation starting in 2023.

neXus of science, careers and commerce - building global market and societal value with chemistry.

- **Chemistry Virtual Value Chain (CVVC)** events, Join us for a new initiative starting in September 2022. The inaugural CVVC on [Sustainable Aviation Fuel](#) is being developed and presented by ACS Divisions of Energy and Fuels, Business Management and Development, Professional Relations, and Small Chemical Businesses. The CVVC event will cover opportunities and challenges for building market aligned sustainable value; discussions on current and future technical solutions; and the status of global supply and regulatory compliance. All sessions will include how to build a career in this area. Mark your calendars to learn more about the speakers and how to [register for free](#). We plan on hosting three more CVVC events in 2023. If your Division wants to host - let me know!
- **Creating a regional neXus.** The new president-elect-sponsored 2022 neXus Regional Meeting Grants are now [open for applications](#). Two have already been granted for MARM and WRM! These grants offer regional meeting planning teams a new funding mechanism, making it easier to bring together a diverse group of ACS members and others from academia, industry, the venture community, and government labs—to interact, network, and maybe even find ways to collaborate on a regionally relevant market, workforce or technical problem.
- **Virtual Speaker Service.** A big shout out of sincere thanks to the leadership of the Committee on Local Section Activities (LSAC) and ACS staff! It is only because of them that we are so far ahead in building a revised Virtual Speaker Service and speaker directory. The aim of the Virtual Speaker Service is to support all local sections and international chapters with cost effective and easy access to a diverse group of global speakers who want to share their expertise and passion for chemistry on a wide variety of topics - synchronously or asynchronously. The pilot phase is

underway! It will go until early October to work out the kinks and be sure we are delivering what local sections need and want! Over 50 invites have gone out to a pilot group of potential speakers with 15 signed up already! Are you interested in being a speaker? We hope you are! We will be opening the sign up site for full use in September. [Here's the link to the site](#) for a preview!

- **Local Section Speaker:** Thank you to all the local sections which have invited me to speak! I appreciate the opportunity! If a local section or international chapter would like me to attend your meeting, please let me know! My email is j.giordan@acs.org.

Diversity, equity, inclusion and respect in all forms:

- **Committees.** It is critically important that ACS governance at all levels has a broad and diverse representation of members and volunteers! In collaboration with Diane Krone, Chair, Committee on Committees (ConC) and Julie Smist, Chair, Committee on Nominations and Elections (N&E), I was honored to be part of GROW-GIVE-GAIN a webinar to help members get involved with ACS Committees. Have you filled out your preference form? If not, please do so! You have until July 15.
- **Inclusion:** I am proud to support the 20th Anniversary ACS Presidential LGBTQ+ Reception for Fall ACS 2022, and to continue to work as a member of the Committee on Corporation Associates and ad hoc member of the Board Industry Member Taskforce to broaden membership and member involvement from those of us in the myriad and diverse commercial side of chemistry. I am honored in my role as president-elect to work with the Chair and members of ConC to ensure ACS has the most diverse and qualified Committee chairs and members so that *all are represented, can be involved if they wish to be and heard* to the best of our ability.

I have always believed we can accomplish more when we're all in this together. Together we not only are able to envision the world we want, together we can build that world. I look forward to working with and learning from you all. Thank you! j.giordan@acs.org.

Judith C. Giordan

REPORT OF THE IMMEDIATE PAST PRESIDENT

Since my last written Council report for the Spring Council agenda, I have continued my efforts relating to innovation, sustainability, industrial engagements, and advocacy. Indeed, it has been exciting to work and interact with ACS members and staff on a variety of issues and activities. As the pandemic subsides, I have been able to travel more. Here is a summary of my activities, with the emphasis on those that took place since March 2022.

Innovation and Sustainability. It is well known that innovation is the engine of growth, and more support is needed for innovation, research, and increased research funding. In my talks to various groups in the past two years, I have often highlighted the new frontiers and applications of chemistry and have encouraged public support of innovation. Currently, Congress is working to reconcile two bills: the United States Innovation and Competition Act (USICA), passed by the Senate in June 2021, and the America COMPETES Act, passed by the House in February 2022. On May 16, I was delighted to participate in a virtual visit with two congressional staff members to provide support for these important bills.

I have continued my effort to publicize **sustainability and green chemistry** by giving talks at conferences and writing articles. As always, my purpose is to advocate for sustainable green chemistry, along with examples of its applications. In 2022 thus far, I have coauthored eight manuscripts on the use of biobased materials for various applications. I have given two talks in June, one on the use of biobased materials for composites at the ACS Green Chemistry and Engineering Conference and the other on the importance of sustainability in product development at the ACS Central Regional Meeting. I have organized a rather large symposium on "Green Polymer Chemistry and Sustainability" with the Division of Polymer Chemistry in conjunction with Fall ACS 2022 Meeting in August. (I plan to give two technical talks at this meeting as well.) In October, I am co-organizing a symposium on "Sustainable Green Chemistry" at the ACS Southeast Regional Meeting.

Industrial Engagement and Entrepreneurship. Because of the decline in the percentage of industrial ACS members over the past 30 years, the ACS Board Committee on Professional and Member Relations (P&MR) established an Industrial Member Task Force (IMTF) in April to take inventory of all industrial member programs across ACS and to write a charter for a new group called "Industry Member Advisory Board." The IMTF consisted of Board members Chris Bodurow (chair), Bryan Balazs, Natalie LaFranzo, Kathie Lee, Dorothy Philips, and myself. A Comment on this topic was published in the June 27 issue of Chemical & Engineering News (*C&EN*) by Wayne Jones and another in the July 25 issue of *C&EN* by Chris Bodurow. During the virtual Council Meeting last August, Councilors had a productive discussion on industrial engagement, followed by meetings and discussions by a Presidential-Staff working group on the same topic from November 2021 to February 2022. The findings and suggested actions of the latter working group were submitted to the IMTF.

One of the suggested actions is to facilitate the networking of our members to help with their career success. This is especially important for innovation, collaboration, technology transfer, new business development and start-ups. In the San Diego meeting in March, ACS Membership launched a pilot program (called ACS In-Person Connect) and arranged quite a few face-to-face meetings. This pilot (now renamed ACS Link On-Site) will also be available at ACS Fall 2022, but with a different format as an extension of ACS Link, a virtual member-matching program to launch in the coming weeks. ACS Link On-Site will be available to ACS members in industry who are attending the ACS Fall 2022 meeting in Chicago. The goal of ACS Link On-Site is to connect ACS industry members around areas of shared professional interests. After a virtual connection is made, they choose their next steps, including the possibility of meeting in-person while in Chicago to conduct business, discuss new products and ideas, explore technology transfers and more. ACS is not scheduling these meetings, but options for meeting include the ACS Member Lounge, restaurants, or hotel lobbies. Information about how to participate will be available very soon. Please contact acslink@acs.org with questions.

In 2020 and 2021, the ACS Divisions of Small Chemical Businesses (SCHB) and Business Development and Management (BMGT) collaborated with me to produce a series of five ACS webinars that provide training on starting a new company. This series will continue throughout 2022. Webinars took place on June 1, June 16, and July 28, on technology transfer, equity and securities structures, and essential business contracts. These webinars were organized by Jim Skinner and moderated by Diane Grob Schmidt and Jim Skinner. Moreover, on June 3, I served as a panelist in an informative webinar on academic-industrial-government collaborations, organized by the Division of Energy and Fuels.

In 2022, I wrote the following articles related to the chemical industry: 1) "Key Trends to Impact the Chemical Enterprise in the Near Future", *ACS Industry Matters*, June 30, 2022; 2) "Creating Value for Industry Chemists and Entrepreneurs", *C&EN Comment*, February 7, 2022; 3) "What I Have Learned about Chemical Technical Professionals." *ACS Industry Matters*, March 10, 2022; and (4) "Preparing for Careers in Industry", *ACS Industry Matters*, January 27, 2022.

Meetings and Communication. It has been my pleasure during the past three years as a member of the presidential succession to talk to a large number of ACS members, staff, colleagues, and students through email, social media, web <https://hncheng-acis.org/> or in-person. Furthermore, in March I gave the introductory recorded remarks to the Chemical Society Located in Taipei during their national meeting. In April I visited the Middle Georgia Section, where I presented a talk on future opportunities in chemistry and helped celebrate their 20th anniversary. In May, I organized a diversity event at USDA Southern Regional Research Center in New Orleans in celebration of the Asian Pacific American Heritage month. There, Dr. Joseph Jen, a former Under Secretary of Agriculture and a prominent Asian American scientist, was the feature speaker. Also in May, I attended the Leadership Institute in Atlanta and spoke on advocacy to the participants in the Young Leaders track.

This being my last report as a member of the presidential succession, I would like to thank all my colleagues and friends in the chemistry enterprise for their collaboration, encouragement and assistance. As always, I welcome input and suggestions; please send them to me at h.cheng@acs.org.

H. N. Cheng

REPORT OF THE CHAIR OF THE BOARD OF DIRECTORS

Fellow Councilors:

The Board thanks our Council colleagues for their continued service during these challenging times. Throughout the pandemic you have demonstrated flexibility and innovative approaches to collaboration, navigating in-person, virtual, and hybrid modes of convening with agility and grace. As we continue to adapt to ongoing challenges, we look forward to coming together in new and more inclusive ways to support our diverse community.

Since a report of recent actions taken by the Board and minutes of the March and May Board meetings are included elsewhere in the Council agenda, I will share some items that continue to be at the forefront of the Board's discussions as the year progresses. The Board is committed to addressing current and future challenges facing our community and appreciates your insights.

Diversity, Equity, Inclusion and Respect (DEIR)

Diversity, Equity, Inclusion, and Respect remain a critical part of everything we do as a Society. The Board continues to engage with the Society's Office of DEIR and the DEIR Roundtable, supporting their efforts to provide resources and training throughout the Society. In addition to the latest version of the [ACS Inclusivity Style Guide](#) and [ACS Publications Diversity Data Report](#), the Office of DEIR released the [Diversity, Equity, Inclusion, & Respect Educational Resource Guide](#). This document contains resources to further enrich and educate people on common DEIR topics and terms. I encourage you to review this and the other [resources](#) available from the ACS Office of DEIR and share them with the broader chemistry community.

COVID: The return of global travel

COVID has become part of our every day lives as we return to global mobility, after two years of limited travel. While we are seeing fewer COVID hospitalizations and deaths, our communities and collaborations have significantly changed. We continue to have cases associated with face-to-face meetings, but we are managing these situations through the use of scientific guidance and recommendations of global experts such as the CDC and WHO. We appreciate the ongoing efforts of ACS to operate in an inclusive manner, ensuring that people can attend meetings in hybrid formats that are adaptable as COVID and its impacts ebb and flow.

The Ongoing Crisis in Ukraine

In April, the Board approved a contribution of \$500,000 to the U.S. National Academy of Sciences (NAS) effort in support the NAS' Scientists and Engineers in Exile or Displaced (SEED) program, which is working to help Ukrainian scientists and engineers relocate and continue their work in Poland and other neighboring countries. As our thoughts go out to all those impacted by this war, we appreciate the need to assist the scientists being displaced so that they can continue their work and their careers. We are proud to provide support for these skilled and talented people. If you know of resources and opportunities that would support researchers and students from Ukraine, please share it with us via [our website](#).

CEO Retirement

In May, ACS CEO Thomas Connelly, Jr., [announced](#) his retirement after almost 8 years of service to the Society. The Board is deeply grateful for his leadership, particularly during these past two unprecedented years. We look forward to Tom's continued leadership through the rest of 2022 and wish him all the best as he enters the next chapter of his life. The Board of Directors initiated a search for a new CEO and efforts are ongoing to identify a successor before the end of the year to ensure continuity.

Strategic Initiatives

The Board of Directors and Executive Leadership Team continue to discuss progress as it relates to the ACS Strategic Initiatives, which represent an investment of 9 million dollars in 2022 with an expected investment of 40 to 50 million dollars over five years. In May, we received updates on each initiative and are pleased with the efforts thus far. We look forward to sharing more information as they progress.

Earlier this year, I shared some reflections in my C&EN comment, [*"We are all in This Together for the Good of ACS."*](#) A phrase from the [ACS Charter](#) continues to resonate with me. We are charged *"to encourage in the broadest and most liberal manner the advancement of chemistry in all its branches."* I look forward to achieving more impactful outcomes through our combined efforts as a community of members, governance, and staff, improving all people's lives through the transforming power of chemistry.

Paul W. Jagodzinski

**BOARD CHAIR'S REPORT
OF EXECUTIVE SESSION
ACTIONS AND DISCUSSION ITEMS
March 18-19, 2022**

The ACS Board of Directors met in Executive Session on March 18 and March 19, 2022 at the ACS spring meeting in San Diego. They considered several 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 our Immediate Past President, H. N. Cheng.

The Chief Executive Officer's Report

The Board received an extensive report from the CEO on issues relating to ACS core values of safety and DEIR, membership, financials, the ACS Institute, strategic initiatives, and upcoming events and activities. Notably, the strategic initiatives include funding of up to \$50 million over 5 years for sustainability, fostering a skilled technical workforce, accelerating digital research data projects, and accelerating life sciences growth.

The Board's Committees and Task Forces

The Board received and discussed reports from its committees on Executive Compensation, on Professional and Member Relations, the ACS Governing Board for Publishing, Budget and Finance and the Working Group on Structure/Representation. 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.
- Upon recommendation of the ACS Governing Board for Publishing, the Board voted to approve the reappointment of one of its members. The reappointment will be announced once the individual has been notified and appropriate arrangements for their continued service have been made.
- Upon recommendation of the Committee on Professional and Member Relations, the Board approved five nominees each for the 2023 Priestley Medal, the 2023 Award for Volunteer Service to the ACS, and the 2023 Charles Parsons Award as well as a recommendation for an ACS nominee for the 2022 GRAND PRIX of the Fondation de la Maison de la Chimie.
- Pending the approval by Council of the Petition to Amend the Use of Dues, the Board of Directors resolved to authorize the creation of a quasi-endowment from proceeds in the ACS General Fund. This would have an initial principal amount of \$85 million, the annual payout from which would fund individual technical divisions and local sections per the allotment policies established by the Committees on Divisional Activities (DAC) and Local Section Activities (LSAC). Further, the amount of funding available made available for this purpose would be the standard payout from this quasi-endowment or \$3.2 million, whichever is greater.

Other Society Business

By consent, the Board ratified interim actions on moving the June 2022 Board meeting to Sunday, May 22-23 in Atlanta, GA (so as to be co-located with the leadership institute); and approved the recommendation of the Office of Research Grants (with assistance from the Frascch Committee) for the 2022 Herman Frascch Foundation Grant in Agriculture Chemistry.

As is customary, the Board heard reports from the Presidential Succession on their current and planned activities for 2022 and 2023.

Also, the Board adopted a resolution in memory of ACS Past President Nancy B. Jackson, who passed away in January.

BOARD CHAIR'S REPORT
OF EXECUTIVE SESSION
ACTIONS AND DISCUSSION ITEMS
May 22-23, 2022

The ACS Board of Directors met in Executive Session on May 22 and May 23, 2022, after the ACS Leadership Development Institute in Atlanta, Georgia. They considered several key strategic issues and responded with numerous actions. The Board opened its session with a diversity moment.

The Chief Executive Officer's Report

The Board received an extensive report from the CEO on issues relating to ACS core values of safety and DEIR, financials, mergers and acquisitions, the ACS Institute, strategic initiatives, and upcoming events and activities. As part of the report, the COO provided an update on her role, the San Diego and Chicago meetings, and membership. In closed session, the CEO discussed with the Board his plans to retire at the end of the year and the process moving forward to select his successor.

The Board's Committees

The Board received and discussed reports from its committees on Executive Compensation, on Professional and Member Relations, the ACS Governing Board for Publishing, and the Board of Trustees for Group Insurance Plans. Some of these committees requested and obtained Board action on one or more items, as follows.

- The Board received a briefing and approved the recommendation from its Committee on Executive Compensation. The compensation of the Society's executive staff continues to be reviewed regularly by the Board.
- Upon recommendation of the Editor Search Committee for a new editor, the Board voted to approve the appointment of a new editor for the ACS journal, ACS Synthetic Biology. The appointment will be announced once the individual has been notified and appropriate arrangements for their service has been made.
- Upon recommendation of the ACS Governing Board for Publishing, the Board voted to approve the appointment of a new member. The appointment will be announced once the individual has been notified and appropriate arrangements for their service has been made.
- Upon recommendation of the Committee on Professional and Member Relations, the Board approved the nominee for the 2023 Othmer Gold Medal.
- Upon recommendation of the Board of Trustees for Group Insurance Plans, the Board accepted, with thanks, a one-time distribution of \$1.5 M to the ACS.

The Board Standing Committee on Strategic Planning led a discussion, incorporating breakout groups, to explore how to measure progress against our strategic goals.

Other Society Business

By consent, the Board concurred with items approved by Council on March 23, 2022, including: the Petition to Amend the Duties of the Committee on Chemists with Disabilities; the Continuation of the Committee on Chemists with Disabilities Petition to Amend the Use of Dues; and the Petition to Charter an International Chemical Sciences Chapter in Switzerland. They also ratified interim actions including selection of recipients for the 2023 Priestly Medal Award, Volunteer Service Award, and the Charles Lathrop Parsons Award.

As is customary, the Board heard reports from the Presidential Succession on their current and planned activities for 2022 and 2023. The chair of the National Awards Advisory Board briefed the Board on the state of diversity in ACS National awards recipients. The Board also received modern communications and social media training.

Paul W. Jagodzinski

REPORT OF THE CHIEF EXECUTIVE OFFICER

Diversity, Equity, Inclusion, and Respect

The Office of Diversity, Equity, Inclusion, and Respect (DEIR) continues to make great strides in its first full year of operation. Under the leadership of Raj Mukhopadhyay, staffing has increased with the addition of an external hire and the transfer of a data expert from our IT team. Our governance oversight of DEIR has been strengthened with the addition of our DEIR Expert panel, with representatives of governance, partner societies such as the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE), subject matter experts, and industry. We have expanded our DEIR Advisory Board into the DEIR Roundtable, with representatives from a broad range of governance units. Dorothy Phillips and Chris Bodurow serve as Board Representatives to the Experts Panel and Roundtable, respectively. At our San Diego meeting, we hosted a well-attended celebration of NOBCChE's 50th anniversary, with one of its founders, Bill Jackson, in attendance. In Chicago, we will be celebrating the 45th anniversary of the American Indian Science and Engineering Society (AISES). Additional DEIR training courses have been introduced for volunteer leaders. Among the offerings are: 'Leading Inclusively Beyond Lip Service' and 'Turning Microaggressions into Micro-Inclusions'.

For ACS staff, five DEIR affinity groups have been formed. So far this year we have celebrated: ACS Capital Pride, Black History Month, Asian/Pacific American Heritage Month, and Juneteenth.

ACS Strategic Initiatives

In January 2022, our Board of Directors announced the launch of four strategic initiatives and their budget of \$10 million for 2022. Further, the Board indicated its intent to continue these initiatives through five years with a budget of \$50 million. The current status of the initiatives is indicated below:

ACS Campaign for a Sustainable Future

Our Sustainability efforts have been strengthened by the promotion of Jitesh Soares to Director of Scientific Advancement and the hire of Adelina Voutchkova as Director of Sustainability. They will oversee our historic programs of the ACS Green Chemistry Institute. New programs for the sustainability initiative include: new sustainability partnerships and web platform, a sustainability awareness campaign, sustainability in chemistry curricula, and a sustainability prize competition. All these efforts will require stronger collaborations with academia, industry, and government sectors. A Sustainability Advisory Board has already met, and a summit/workshop is planned for later this year.

A Skilled Technical Workforce

The "Fostering a Skilled Technical Workforce" strategic initiative addresses the need for skilled technical workers (STW) with a focus on the chemistry enterprise. A two-pronged strategy underpins this initiative: "change the message" by increasing awareness of the wide variety of careers within the skilled technical workforce and "build partnerships" through the coordinated collaboration of a diverse network of stakeholders. An awareness campaign to disseminate information and request partnership on this initiative has launched, initially focusing on the leadership of four key stakeholder groups. These groups include the American Association of Chemistry Teachers, the Committee on Technician Affairs, the Committee on Corporation Associates, and the Two-Year College Chemistry Consortium. Given the initiative's strategy and varied tactics, a flexible project roadmap has been created to guide implementation. Design, development, and piloting of a workshop to build awareness of STW careers within the chemistry enterprise are slated for the third and fourth quarters of 2022.

Increasing Access to Research Data

ACS Publications is currently developing a technology to house data offerings, in addition to two initial offerings, described below. These offerings will help researchers to access the research data they need, and to archive the research data they generate. The framework is intended to be a scalable, flexible framework with reusable technology, and its development is on track for a Q4 2022 deployment.

The Text & Data Mining (TDM) tool will allow researchers to find the research data they need and to discover new insights much faster than the traditional way of searching through individual articles. Validation of the product utility will be concluded in the next few weeks. Currently, development of the TDM Release 1 minimum viable product is on track for a Q4 2022 delivery.

The Chemistry Data Bank (CDB) will offer a way for researchers to store their research data for their own use, to fulfill open science mandates, and to contribute to the public good by making scientific findings available to others. User research and prototype testing will begin in the next few weeks.

CAS Life Sciences Initiative

Global interest in biologics-focused drug discovery and informatics is growing rapidly, increasing the need for tools and information solutions supporting Life Sciences workflows. CAS has increased its strategic focus to accelerate and scale our investment which will deliver transformative product launches, starting at the end of 2022.

The first phase of the CAS Life Sciences growth strategy is a strong content foundation, including the upcoming launch of the largest aggregation of curated bioactivity data in the world (over 40m observations, covering over 30k biological targets, and over 12m ligands). All new content will be seamlessly connected to the CAS Registry and will enrich our existing product SciFinder-n and STNext, enabling search, retrieval and visualization to support a wide variety of R&D and Intellectual Property needs.

Membership

The membership transformation approved by this Council last year has been rolled out. Our new Schedule of Membership took effect with the 2022 renewal cycle. This well-timed transformation provides ACS members the twin tools of increased choice and an intensified focus on value received. Early returns show member joins up year-over-year in all entry categories with undergraduates up 14%, graduate students up 46%, and regular members up 33%.

To facilitate on-line member transactions, ACS is adopting the widely-used e-commerce platform. This platform is already being used by ACS Publications; first applications to membership transactions will 'go-live' for the 2023 renewal cycle.

In closing, I am pleased to report that we are on track to achieve our five financial guidelines for the fifth consecutive year. Our finances remain solid, with continued strong contributions by CAS and ACS Publications, and strong cost management across the Society. Moody's concurs, and has recently reissued its Aa3 rating for ACS credit.

Thomas M. Connelly, Jr.

**DRAFT
MINUTES**
COUNCIL POLICY COMMITTEE
AMERICAN CHEMICAL SOCIETY
Virtual
March 21, 2022

The Council Policy Committee (CPC) of the American Chemical Society met virtually on March 21, 2022, beginning at 8:00 a.m. PT/11:00 a.m. ET. ACS President Angela Wilson presided. Other voting members present were CPC Vice-Chair Donna Friedman, H.N. Cheng, Thomas Connelly, Anne Gaffney, Judy Giordan, Matthew Grandbois, Lydia Hines, Elizabeth Howson, Fran Kravitz, Louise Lawter, Will Lynch, Zaida Morales-Martinez, Sally Peters, Margaret Schooler, and Jeanette Van Emon. Flint Lewis served as Secretary.

The following chairs of Society Committees, all non-voting members of CPC, attended all or portions of the meeting: Eric Bruton, Rick Ewing, Carmen Gauthier, William Greenlee, Diane Krone, Sheila Murphy, Matthew Reichert, Julianne Smist, Laura Sremaniak, and Keith Vitense. Several Councilors, ACS staff, and others were present as observers at various times during the meeting.

Report of the Subcommittee on Nominations

1. The Council Policy Committee VOTED to approve the list of potential candidates, as presented by the Subcommittee on Nominations, for election to the Committee on Nominations and Elections for a 2023-2025 term.

2. The Council Policy Committee VOTED to authorize coordination with the Committee on Nominations and Elections to avoid duplication with names on other elected committee slates.

Open Forum

There were no comments from Councilors.

Approval of Minutes

3. The Council Policy Committee VOTED to approve the minutes of the August 23, 2021, November 2, 2021, and January 25, 2022 meetings of the committee.

Report of Interim Actions

4. CPC 1-2021. The Council Policy Committee VOTED to elect Donna G. Friedman to serve as Vice-Chair of the Council Policy Committee for 2022.

Reports of Committee Chairs and Society Officers

A subgroup of CPC met to review all the oral reports and accompanying graphics proposed for use by the President, President-Elect, Immediate Past President, Board Chair, Chief Executive Officer and by the chairs of the Elected Committees: the Council Policy Committee, Committees on Committees, and Nominations and Elections; and those Society Committees with action before Council: the Committees on Budget and Finance, Divisional Activities, International Activities, and Membership Affairs.

5. The Council Policy Committee VOTED to approve all of the officer and committee reports for Council, as reviewed and recommended by a subgroup of CPC on Saturday, March 19, 2022.

Report of the Council Policy Committee Vice-Chair

CPC Vice-Chair Donna Friedman reported the following: A resolution was discussed that would suspend voting at Council if it were in the determination of the President and the Chair of the Committee on Nominations and Elections that severe technical difficulties would cause a disruption in voting among Councilors.

6. The Council Policy Committee VOTED to approve the Resolution for the Suspension of Voting at Council in Case of Severe Technical Difficulties.

She concluded her report by providing the committee with financial costs and estimates regarding the production of a hybrid Council meeting for the fall.

Reports of Subcommittees and Working Groups

CPC Subcommittee on Long-Range Planning

Subcommittee Chair Donna Friedman reported the following: The subcommittee met virtually to plan activities for new Councilors and Alternate Councilors in preparation for the spring virtual Council meeting and plan for an in-person Strategy Café for Councilors during the ACS 2022 fall meeting. A pre-Council meeting webinar for new Councilors was held, as well as the New Councilor Virtual Orientation Program and Networking with Committees Event.

CPC Working Group on Future Operations of Council

Subcommittee Chair Will Lynch reported the following: The working group reviewed results from the Councilor Survey to determine best ways to enhance Councilors' experience. In response to the survey, a recommendation was sent to CPC to limit oral reports to those Society Committees with action before Council; a change reflected in the spring 2022 Council agenda. The working group is also discussing the format of Council meetings – in person, virtual, or hybrid – and the financial impact of each to make a recommendation for future Council meetings.

7. The Council Policy Committee VOTED to approve that officers, chairs of Elected Society Committees and chairs of committees with action before Council must report orally at the fall Council meeting.

CPC Working Group on Future Council Representation

Subcommittee Chair Margaret Schooler reported the following: The working group invited the Chair of the Committee on International Activities, Sergio Nanita, to hear models that IAC developed to introduce international representation to Council. They met at the end of 2021 to review the Councilor Survey, which showed an overwhelming desire for international representation. The working group continues to work with IAC on this effort, along with the Committees on Divisional Activities and Local Section Activities.

CPC Subcommittee on Governing Documents

CPC Vice-Chair Donna Friedman reported the following: The subcommittee met to review petitions and certain actions coming before Council and voted whether to recommend CPC concurrence.

Approval of CPC Concurrences on Committee Actions coming to Council

CPC concurred in certain recommendations to be made to Council by the committees. All references in these minutes to Council actions and reports relate to the March 23, 2022, meeting of the Council unless otherwise noted.

8. The Council Policy Committee VOTED to concur with the Committee on Committee's recommendation that Council approve the continuation of the Committee on Chemists with Disabilities.

9. The Council Policy Committee VOTED to concur with the Committee on Committee's recommendation that Council approve the *Petition to Amend the Duties of the Committee on Chemists with Disabilities*.

10. The Council Policy Committee VOTED to concur with the Committee on Budget and Finance's recommendation that Council approve the *Petition to Amend the Use of Dues*.

11. The Council Policy Committee VOTED to concur with the Committee on Divisional Activities' recommendation that Council approve a division name change.

12. The Council Policy Committee VOTED to concur with the Committee on International Activities' recommendation that Council approve the *Petition to Charter a New International Chemical Sciences Chapter*.

13. The Council Policy Committee VOTED to concur with the Committee on Membership Affairs' recommendation that Council extend the International Dues Discounts.

14. The Council Policy Committee VOTED to concur with the Committee on Membership Affairs' recommendation that Council approve the 2023 Schedule of Membership.

15. The Council Policy Committee VOTED to support the Office of the Secretary in planning for a hybrid Council meeting for the fall of 2022.

Summary of Councilor and Non-Councilor Travel Reimbursement Program

A summary of the Councilor and non-Councilor expense reimbursement program was reviewed, and committee members were alerted to significant financial changes occurring over the past several years due to the disruption of the COVID-19 pandemic.

Schedule of Business Sessions

The following schedule of activities for the fall 2022 national meeting was presented as a result of previous discussion by the Council Policy Committee:

Board of Directors:	Sunday, August 21
Council Policy Committee:	Monday, August 22
Council:	Wednesday, August 24

Society Committees: 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

16. The Council Policy Committee VOTED to approve the Council Agenda for the March 23, 2022, meeting of the Council.

CPC and Council 2022 Budgets

ACS Secretary Flint Lewis reported on the CPC and Council budgets, explained the various categories of their expenditures, and discussed the varying costs for in-person, hybrid and virtual Council meetings.

New Business

Diane Krone, Chair of the Committee on Committees, discussed the new and enhanced features of the Committee Preference Form and explained how the 2022 National Committee Census will be used to see demographic data of our committee members to help increase diversity among this subset of governance.

There being no new business, the meeting was adjourned at 9:37 a.m. PT.

Flint H. Lewis
Secretary

DRAFT
MINUTES
COUNCIL POLICY COMMITTEE
AMERICAN CHEMICAL SOCIETY
Virtual
May 4, 2022

The Council Policy Committee (CPC) of the American Chemical Society met virtually on May 4, 2022, beginning at 2:30 p.m. ET. President Angela Wilson presided. Other voting members present were: CPC Vice-Chair Donna Friedman, H.N. Cheng, Thomas M. Connelly, Jr., Anne Gaffney, Matthew Grandbois, Lydia E.M. Hines, Elizabeth M. Howson, Fran K. Kravitz, Louise M. Lawter, Will E. Lynch, Zaida C. Morales-Martinez, Margaret J. Schooler, and Jeanette Van Emon. 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: Carmen Gauthier, William Greenlee, Diane Krone, Sheila Murphy, W. Matthew Reichert, Julianne Smist, Laura Sremaniak, and Keith Vitense. Several ACS staff were present as observers.

Fall 2022 Council and CPC meetings

1. The Council Policy Committee VOTED to hold the Fall 2022 Council meeting on Wednesday, August 24 starting at 10:00 a.m. CT.
2. The Council Policy Committee VOTED to hold the Fall 2022 Council meeting in a hybrid format, allowing Councilors to participate either in-person or by virtual means.
3. The Council Policy Committee VOTED to hold its meeting in a hybrid format on Monday, August 22 starting at 10:00 a.m. CT.

A draft of the Special Rules for Conducting Hybrid ACS Council Meetings, similar to those adopted for virtual meetings, was reviewed. It was also specified that Robert's Rules will be the parliamentary authority for the Council meeting.

4. The Council Policy Committee VOTED to approve the Special Rules for Conducting Hybrid ACS Meetings (attached).

Councilor and Non-Councilor Reimbursement Policies

5. The Council Policy Committee VOTED to authorize reimbursement of in-person and virtual meeting registration fees as part of the Travel Reimbursement Policy for the 2022 ACS Fall Meeting for Councilors and Non-Councilors.

Disciplinary Working Group for Councilors

Secretary Lewis discussed the need for a disciplinary group of the Council Policy Committee to consider whether to propose amendments to the Standing Rules that would provide procedures for potentially recalling Councilors who may violate the ACS Volunteer Code of Conduct – similar to what exist for many local section and division officers.

6. The Council Policy Committee VOTED to approve the creation of a CPC disciplinary working group for Councilors.

New Business

The Councilor Divisor Task Force will be established in 2022 with recommendations of various councilor divisors that will be presented for the committee's approval in 2023. The selected divisor will take effect in 2024. The committee will recommend a direction for the task force to consider regarding changes to the overall size of Council.

There being no further business, the meeting adjourned at 4:12 p.m. ET.

Flint H. Lewis
Secretary

ATTACHMENT

Special Rules for Conducting Hybrid ACS Council Meetings

- To ensure security of the meeting, all Councilors participating virtually shall access the Council meeting platform with their ACS Member Identification number. 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 participating virtually are also encouraged to log in at least one hour prior to the start of the hybrid Council meeting.
- The President of the Society will preside over the hybrid 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 participating virtually will be asked to enter the Speaking Queue, and once acknowledged to speak, will raise their hands in the virtual platform. 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.
- The President will alternate taking questions between those Councilors participating in-person, and those participating virtually.
- 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 platform provided by Lumi, the hybrid Council software platform. Councilors participating in-person will be required to bring their own device (ie. an internet enabled smartphone, tablet or laptop) so that they can vote on motions at Council. Those Councilors participating virtually will vote via the virtual platform.
- The latest edition of Robert's Rules of Order shall be the parliamentary authority for the Council meeting to the extent it does not conflict with ACS Governing Documents, Council Policy Committee policies, or these special rules.

RECOGNITION OF COUNCIL SERVICE
Council Meeting, August 24, 2022

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

Fifteen (15) Years

Allen W. Apblett	Oklahoma	(2008-2022)
Deborah Cook	Philadelphia	(2006-2008; 2011-2022)
Anne Gaffney	Petroleum	(2007-2011)
	Catalysis Science & Tech	(2011-2014; 2016-2022)
	Energy & Fuels	(2012-2013)
Angela Hoffman	Portland	(2008-2022)
Kevin Pate	Upper Ohio Valley	(2008-2022)
C. David Sherrill	Georgia	(2008-2022)
Joseph Stoner	North Jersey	(1994-1996; 1998-1999)
	Georgia	(2007-2012; 2019-2022)
Stephanie Watson	Maryland	(2008-2022)
Robert A. Yokley	Central North Carolina	(2008-2022)

Twenty (20) Years

Michelle V. Buchanan	Analytical Chemistry	(2003-2022)
Charles P. Casey	Ex Officio	(2003-2022)
Robert S. Cohen	Orange County	(2003-2022)
Peter K. Dorhout	Inorganic Chemistry	(1999-2001)
	Colorado	(2001-2009)
	Ex Officio	(2010-2012; 2017-2022)
Jetty Duffy-Matzner	Sioux Valley	(2003-2022)
Donovan R. Porterfield	Central New Mexico	(2003-2022)

Twenty-Five (25) Years

Linda Brunauer	Silicon Valley	(1998-2022)
Mary K. Carroll	Eastern New York	(1998-2022)
Jurgen H. Exner	Environmental Chemistry	(1998-2022)
John M. Long	Rubber	(1998-2022)
Jeffrey A. Rahn	Inland Northwest	(1998-2022)
Keith R. Vitense	Wichita Falls-Duncan	(1998-2022)
Edel Wasserman	Ex Officio	(1998-2022)

Thirty (30) Years

Paul S. Anderson	Medicinal Chemistry	(1991-1993)
	Ex Officio	(1996-2022)
Warren D. Hull, Jr.	Eastern New York	(1993-2022)
David P. Nalewajek	Western New York	(1993-2022)
Peter M. Schaber	Western New York	(1993-2022)

Fifty (50) Years

Gordon L. Nelson	Eastern New York	(1972-1976)
	Ex Officio	(1977-1985; 1987-2022)
Attila E. Pavlath	California	(1973-1990)
	Ex Officio	(1991-2022)

REPORT OF THE COMMITTEE ON COMMITTEES

At its virtual closed executive meetings in August and September, the Committee on Committees (ConC) will receive reports and consider recommendations from its subcommittees on leadership development; committee systems and structure; and DEIR, along with reports from the DEIR project working group, and the working group for recruiting and retaining younger members. ConC will also begin developing committee recommendations for all Society Committees for 2023.

Councilors and other interested members are invited to attend the ConC's virtual open meeting, via [Zoom](#), on Wednesday, August 10, from 3:30 p.m.-4:30 p.m. (ET) to offer their views on any topics on the agenda, or other matters of interest.

During the Fall ACS Meeting in Chicago, ConC will host an interactive session and reception for chairs and staff liaisons of all Council-related committees on Monday, August 22 from 4:00-6:00 p.m. (CT) to discuss committee issues that are of mutual interest.

ConC will seek Council approval on the recommendation for continuance of the Committee on Public Relations and Communications during the hybrid Council Meeting in August. The ultimate adoption of this recommendation is contingent on the approval by the Board of Directors.

The new online preference form officially launched on April 15 as part of the ConC's effort for continuous improvement to the committee system. The new form is open to all ACS members and can be used to update contact and biographical information throughout the year. The online preference form will remain open until July 15 at <https://www.cmte.acs.org>. Individuals interested in becoming involved in ACS governance are strongly encouraged to complete the online form to affirm interest and commitment to service in the Society. In collaboration with the Committee on Nominations and Elections, ConC also held a webinar on May 25 entitled "Grow-Give-Gain: The Power of ACS Volunteers" to explain how to become more involved in ACS governance and the benefits of volunteering to serve on Society Committees.

The ConC Subcommittee on DEIR conducted its third committee census (formerly called the Demographic Survey) in March. The survey was sent to 754 committee participants of the 31 Council-related committees. There was a total of 521 responses for a participation rate of 71%. ConC liaisons will present the individual committee data to their assigned committees during their meetings in August.

The ConC Leadership Development Subcommittee conducted its annual training session for new Committee Chairs and their staff liaisons in Atlanta, GA, May 20-22, as a component of the ACS Leadership Institute. A combined total of 24 Chairs and staff liaisons attended the session. The training received favorable reviews from participants.

During its meeting in May, the ACS Board of Directors approved the continuation and revision of duties for the Committee on Chemists with Disabilities.

ConC also developed its recommendations for 2023 Chairs of the Society Committees that report Council for approval by the President-Elect. The President-Elect is responsible for approving these specific Society Committees that become effective during their Presidential year. The recommendations for appointment and reappointment of members, associates, and consultants for committees that report only to Council are 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, are approved jointly with the President-Elect and 2023 Board Chair (when identified) in December.

Since the recommendations for Society Committee appointments and reappointments are approved later in the year, ConC will once again 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 hybrid Fall Council Meeting. The listing of the chairs who will have served the statutory limit or have otherwise completed their service will be included in the Fall Council agenda, along with the reading of the names during the hybrid Fall Council Meeting.

Given the uncertainty of which committee members are terming off at the end of 2022, ConC cannot assume that the recommendations for exemptions, based on the amendment to the *Petition to Harmonize Committee Structures, Processes, and Terms*, will be granted. ConC is continuing to collaborate individually with each 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 recommendations for all committees are approved and everyone completing service has been notified, ConC will again list those members in the December issue of *Councilor News & Committee Alerts*.

Diane Krone, Chair

Rodney M. Bennett
Andrea B. Twiss-Brooks
D. Richard Cobb
Malika Jeffries-EL
Mary Engelman
Emilio Xavier Esposito
Judith C. Giordan
Martha G. Hollomon

Brian Mathes
Sarah Mullins
Susan V. Olesik
Jason E. Ritchie
Susan M. Schelble
Javier Vela
Stephanie Watson

Staff Liaison: Alicia E. Harris

RECOGNITION OF SERVICE
Council Meeting, August 24, 2022

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 Fall Council Meeting.

The following committee chairs have served the statutory limit or have otherwise completed their service on the committee they chair in 2022.

William J. Greenlee	Budget and Finance
Kevin M. Kuhn	Chemistry and Public Affairs
Eric A. Bruton	Economic and Professional Affairs
Carmen V. Gauthier	Education
William W. Leong	Ethics
W. Matthew Reichert	Local Section Activities
Rick Ewing	Meetings and Expositions
Tad Whiteside	Nomenclature, Terminology and Symbols
Scott A. Reid	Professional Training
Bryan W. Boudouris	Project SEED

REPORT OF THE COMMITTEE ON NOMINATIONS AND ELECTIONS

During its spring virtual meeting, the Committee on Nominations and Elections (N&E) heard from guest Diane Krone, Chair of Committees on Committees concerning the new online preference forms. Linette Watkins was selected as the N&E Liaison to the DEIR Round Table. The committee voted to support all petitions before Council. The Hybrid/Virtual Meeting and Events working group reported on their plans to support the President-Elect Town Hall as well as Council and the President-Elect down select election.

The committee also developed slates of potential candidates for election to the Committee on Committees (ConC) and the Council Policy Committee (CPC) for 2023-2025. CPC developed the slate of candidates for election to N&E. Information about the candidates appear 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 winners during their oral report to Council.

The Town Hall for the 2023 nominees for President-Elect was conducted virtually on March 22, 2022. 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 2022 meeting and Council would be hybrid, and that governance meetings and related activities would be held in the same manner.

Accordingly, the committee will conduct a hybrid Town Hall on August 21 for all voting Councilors to hear from the candidates running for Director-at-Large 2023-2025. Balloting for national elections is set to begin September 26. Arrangements will be made for members to virtually ‘meet and greet’ the candidates for ACS President-Elect 2023 during the week of September 19. Mary K. Carroll will host on September 19 @ 4pm ET and September 23 @ 11am ET. Rigoberto Hernandez will host on September 20 @ 4pm ET and September 22 @ 11am ET.

The subcommittee on Standing Rules completed its review of the Standing Rules governing their operations. N & E will bring forth a petition to amend the Standing Rules to the Council for action. Following Council’s approval of the Petition to Harmonize ACS Committee Structures, Processes, and Terms in 2021, committees were urged to review the Standing Rules governing their operations and bring forth, to the Council, suggested revisions. This petition is the result of the Committee on Nominations and Elections’ (N&E’s) review of these Standing Rules. Few if any changes being proposed in this petition are substantive. Rather, they are offered to clarify, consolidate and re-order existing requirements related to nominations and elections.

The committee will also develop slates of potential candidates for President-Elect, 2024; Director-at-Large, 2024-2026; and Directors, Districts III and VI, 2024-2026.

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.

Julianne M.D. Smist, Chair

Allison Aldridge
Alan B. Cooper
Peter K. Dorhout
Kevin J. Edgar
Amber S. Hinkle
Thomas H. Lane
Silvia Ronco

Michelle V. Buchanan
Holly L. Davis
Jetty L. Duffy-Matzner
Alan A. Hazari
Neil D. Jespersen
Martin D. Rudd
Linette M. Watkins

Staff Liaison: Flint H. Lewis

ORIGINAL

FOR FUNCTION COMMITTEE ACTION

Petition to Amend the Elections Function
(AMENDMENTS TO THE STANDING RULES)

Standing Rule II, Sec. 1, 4, c
Standing Rule III, Sec. 2, 3, 4, 5
Standing Rule IV

Petition

We, the voting members of the American Chemical Society's Committee on Nominations and Elections, hereby petition to amend the SOCIETY's Standing Rules as follows (additions **underlined**; deletions ~~struck through~~):

STANDING RULE II
Council Executive Function

Section 1.

...

c. The Council Policy Committee is an **elected committee** of the Council, ~~as described below~~ **provided elsewhere in these Standing Rules.**

d. The Council Policy Committee shall be **composed of the President, the President-Elect, the Immediate Past President, the Chief Executive Officer, and 12 elected members of the SOCIETY.**

~~e. Election of Councilors to the Council Policy Committee shall be arranged so as to provide rotation. Each year the Committee on Nominations and Elections shall propose not fewer than eight voting Councilors for membership on the Council Policy Committee, four of whom shall be elected by the Council not later than October 1 for a term of three years beginning with the first day of January following. Nominations for membership on the Council Policy Committee may also be made by petition of 25 Councilors.~~

~~f. No elected Councilor shall serve more than **two successive terms of three years each** on the Council Policy Committee.~~

...

~~i. If a member or member elect of the Council Policy Committee fails at any time to qualify as a voting Councilor, that member shall thereafter remain a member of the Council Policy Committee and a voting Councilor for one additional year or to the end of the member's term on the Council Policy Committee, whichever is shorter.~~

...

Note: subsequent sections remain and are renumbered.

Sec. 4.

...

c. **Society Committees of the Council that are elected**

...

(2)

...

(b) The Committee on Nominations and Elections shall elect its Chair and Secretary **annually** from its own membership.

(c) The Committee on Committees shall elect its Chair and Secretary **annually** from among its own membership. The President-Elect shall serve as a member ex officio.

STANDING RULE III Committees Function

...

Sec. 2.

The Committee on Committees is **an elected Society C**committee of the Council, ~~whose members are elected by Council as follows:~~ **as provided elsewhere in these Standing Rules.**

...

~~b. Election of Councilors to the Committee on Committees shall be arranged so as to provide rotation. Each year the Committee on Nominations and Elections shall propose the names of not fewer than twice as many voting Councilors for membership on the Committee on Committees as there are members whose terms are expiring. Not later than October 1 the Council shall elect from a list of nominees a number of members corresponding to the number of vacancies on the Committee on Committees for a term of three years beginning with the first day of January following. Nominations for membership on the Committee on Committees may also be made by petition of 25 Councilors.~~

Sec. 3.

~~No elected Councilor shall serve more than two successive terms of three years each on the Committee on Committees.~~

Sec. 4.

~~If a member or member elect of the Committee on Committees fails at any time to qualify as a voting Councilor, that member shall thereafter remain a member of the Committee and a voting Councilor for one additional year or to the end of that member's term on the Committee, whichever is shorter.~~

Sec. 5.

~~Any vacancy on the Committee on Committees shall be filled by the Council.~~

STANDING RULE IV Elections Function

Section 1.

a. **The Committee on Nominations and Elections shall be responsible for the Elections Function.**

b. **The Committee on Nominations and Elections is an elected Society Ccommittee of the Council, ~~whose members are elected by Council as follows:~~ as provided elsewhere in these Standing Rules.**

~~c. The duties of the Committee on Nominations and Elections shall include the following, *inter alia*:~~

~~(1) receive from members suggestions of persons who should be considered when selecting proposed nominees for SOCIETY offices; receive proposals for nomination by a Councilor petition as provided elsewhere in these Standing Rules; and receive nominating petitions as provided elsewhere in these Standing Rules;~~

~~(2) prepare a panel of nominees for District Directors and President Elect, and of candidates for~~

~~Director at Large, together with a summary of the qualifications of those named;~~

~~(3) supervise all SOCIETY elections, except for the power expressly reserved to the Council Policy Committee to set aside the results of a disputed national or District election and to require a new election;~~

~~(4) receive and review credentials of Councilors and determine eligibility for admittance to the Council meetings;~~

~~(5) conduct elections in the Council; and~~

~~(6) serve as an election appeals board for all Local Section or Division elections; establish regulations for conduct of election appeals, investigating allegations of improper election procedures, and determining if violations have occurred; order new elections if necessary to insure validity; submit charges of conduct when it has reason to believe that significant election procedure violations have occurred.~~

Sec. 2.

~~The Committee on Nominations and Elections is a Society Committee of the Council, whose members are elected by Council as follows: (3/26/21)~~

~~a. The Committee on Nominations and Elections shall be composed of 15 voting Councilors.~~

~~c. Election of Councilors to the Committee on Nominations and Elections shall be arranged so **that new people may join the committee every year** as to provide rotation. Each year the Council Policy Committee shall propose the names of not fewer than twice as many voting Councilors for membership on the Committee on Nominations and Elections as there are members whose terms are expiring. ~~Not later than October 1 the Council shall elect from the list of nominees a number of members corresponding to the number of vacancies on the Committee on Nominations and Elections for a term of three years beginning with the first day of January following. Nominations for membership on the Committee on Nominations and Elections may also be made by petition of 25 Councilors.~~~~

Sec. 3.

~~No Councilor shall serve more than two consecutive terms of three years each on the Committee on Nominations and Elections.~~

~~a. Each year the Committee on Nominations and Elections shall elect a Chair and a Secretary from its membership.~~

~~b. Each member of the Committee on Nominations and Elections must be a qualified voting Councilor when elected. If a member or member elect of the Committee on Nominations and Elections fails at any time to qualify as a voting Councilor, that member shall thereafter remain a member of the Committee and a voting Councilor for one additional year or to the end of that member's term on the Committee, whichever is shorter.~~

~~c. Any vacancy on the Committee on Nominations and Elections shall be filled by the Council.~~

Sec. 2.

~~b. The duties of the Committee on Nominations and Elections shall include the following, *inter alia*:~~

~~a. Rreceive from members suggestions of persons who should be considered when selecting proposed nominees **or candidates** for SOCIETY offices;~~

~~b. Rreceive proposals for nomination by a Councilor petition as provided elsewhere in these Standing Rules; and,~~

~~c. Rreceive nominating petitions as provided elsewhere in these Standing Rules;~~

d. ~~P~~Prepare a ~~panel list~~ of nominees for District Directors and President-Elect, and of candidates for Director-at-Large, together with a summary of the qualifications of those named;

e. Prepare a list of nominees for the other elected committees as described elsewhere in the ACS Governing Documents. The Council Policy Committee determines the slate of nominees for the Committee on Nominations and Elections.

f. Supervise all SOCIETY elections, except for the power expressly reserved to the Council Policy Committee to set aside the results of a disputed national or District election and to require a new election;

g. ~~D~~Determine eligibility for admittance to the Council meetings; **and** receive and review credentials of ~~Councilors and determine eligibility for~~ those requesting admission admittance to the Council meetings.

h. Conduct elections ~~in the~~ during Council; ~~and~~ meetings.

i. Serve as an election appeals board for all Local Section or Division elections: establish regulations for conduct of election appeals; investigate ~~ing~~ allegations of improper election procedures; and **if it** determines ~~ing~~ if violations have occurred; **take such actions as it deems necessary up to and including,** ordering new elections if necessary to insure validity; submit charges of improper conduct when the committee ~~it~~ has reason to believe that significant election procedure violations have occurred.

~~Sec. 4.~~

~~Sec. 3.~~

The Committee on Nominations and Elections may admit to a Council meeting, under such rules as the committee may develop, a limited number of non-Councilors whose presence will benefit the meeting or the operation of the SOCIETY.

~~Sec. 5.~~

~~Sec. 4.~~

Manner of Elections

...

c. When there are more than two candidates, a preferential ballot shall be used, and the election shall be conducted using procedures developed by the Committee on Nominations and Elections and approved by the Council. ~~Any modifications or changes to these procedures shall be approved by the Council.~~

~~Sec. 6.~~

~~Sec. 5.~~

President-Elect

...

c. Nomination for President-Elect by Councilor Petition ~~— Wherever in these Standing Rules provision is made for selection of candidates for President Elect by the Council from a list of nominees presented by its Committee on Nominations and Elections,~~ Nominations may be received from the Council prior to the selection of candidates ~~nothing herein shall prohibit petitions for nomination from the floor at the Council meeting provided that such petitions are submitted in writing and signed by not fewer than 50 Councilors present at the meeting and provided that not more than one-third (1/3) of such Councilors shall be MEMBERS of any one Local Section. If these provisions are followed,~~ nothing herein shall prohibit petitions for nomination from the floor at the Council meeting ~~provided that such petitions are submitted in writing and signed by not fewer than 50 Councilors present at the meeting and provided~~

~~that not more than one third (1/3) of such Councilors shall be MEMBERS of any one Local Section. MEMBERS whose names are so presented shall become nominees for that office.~~

...

e. Members of the SOCIETY may nominate additional candidates for President-Elect by providing to the Chief Executive Officer by July 15, nominating petitions endorsed by at least one-half (1/2) percent of the SOCIETY membership entitled to vote in the SOCIETY's most recent fall election, with neither more than one-sixth (1/6) of that from members of a single Local Section nor more than two-thirds (2/3) from any one District of the SOCIETY. Each member may nominate no more than one candidate for President- Elect in a given election. The names of any candidates duly nominated by petition shall be included on the ballot, along with the names of those candidates selected by the Council.

f. On or before October 10, the Chief Executive Officer shall distribute to each member of the SOCIETY a ballot containing the names of all candidates for President-Elect and constructed as provided herein.

g. A vacancy in the office of President-Elect shall be filled as soon as practicable after the vacancy occurs by ballot of the Council from among the other nominees ~~in the previous election and any~~ petition candidates in the previous election.

Sec. 7.

~~All vacancies shall be filled as provided in these Standing Rules, unless otherwise provided in the Constitution.~~

Sec. 8.

~~No funds or facilities of the SOCIETY, its Local Sections, or Divisions shall be used to support or oppose a candidate or nominee except as provided in these Standing Rules.~~

Sec. 9.

Unresolved Disputes

~~a. Unresolved disputes concerning elections in Local Sections or Divisions shall be referred by the Secretary of the SOCIETY to the Committee on Nominations and Elections for investigation and resolution. The Committee shall have the power to set aside the results of a disputed election and to require a new election.~~

~~b. Unresolved disputes concerning District and national elections shall be referred by the Committee on Nominations and Elections, to the Council Policy Committee for investigation and resolution. The Council Policy Committee shall have the power to set aside the results of a disputed election and to require a new election.~~

Sec. 10.

Sec. 6.

Director-at-Large

~~a. Directors-at-Large shall be elected by the Council and they shall be elected in a manner to produce rotation.~~

a-b. On or before January 15, the Committee on Nominations and Elections shall send to the Chief Executive Officer the names of the MEMBERS of the SOCIETY selected as candidates for the positions of Director-at-Large to be filled. The number of such candidates shall be at least twice the number of such positions to be filled. These names shall be announced to the Council at a meeting to be held not later than May 1.

~~b~~-c. Members of the SOCIETY may nominate additional candidates for Director-at-Large by providing to the Chief Executive Officer by July 15, nominating petitions endorsed by at least one-fourth (1/4) **of one** percent of the SOCIETY membership entitled to vote in the SOCIETY's most recent fall national election, with neither more than one-sixth (1/6) of that from members of a single Local Section nor more than two-thirds (2/3) from any one District of the SOCIETY. Each member may nominate no more than one candidate per Director-at-Large position in a given election. The names of any candidates duly nominated by petition shall be included on the ballot along with those nominated by the Committee on Nominations and Elections.

~~e~~-d. On or before October 10, the Chief Executive Officer shall distribute to each voting Councilor a ballot containing the names of all candidates for the positions of Director-at-Large to be filled.

~~Sec. 11.~~

Sec 7.

District Director

~~g~~-a. District Directors shall be elected **to terms staggered** in a manner to produce rotation.

~~a~~-b. For the purpose of electing District Directors, there shall be six geographic Districts. To provide equitable representation, the member population of each District shall be within 10 percent of the result obtained by dividing by six the number of members whose addresses lie within the United States and Canada. Each District shall be made up of whole, neighboring Local Sections, plus those members not belonging to any Local Section who have their addresses in specified states, provinces, or counties. The Committee on Nominations and Elections shall review annually the distribution of member population within the six Districts as defined by the official count. It shall recommend to the Council such redefined District boundaries as are necessary to satisfy the provisions contained herein. The Council shall act upon this recommendation in sufficient time for any adopted changes to take effect January 1 following. The Council in creating a new Local Section shall designate the District to which it is assigned.

~~b~~-c. Each member whose address lies within the United States and Canada shall be entitled to vote for the office of District Director from that District in which ~~is located~~ the member's Local Section **is located** or, lacking one, the member's address. The address of a member is that to which the official organ of the SOCIETY is sent.

...

Note: subsequent sections remain and are renumbered.

~~e~~-f. One percent of the members of the SOCIETY entitled to vote in the District electing a District Director, not more than one-third (1/3) of whom are assigned to any one Local Section, may nominate a candidate for District Director by filing a petition with the Chief Executive Officer by July 15. Each member may nominate no more than one candidate for District Director in a given election. A petition candidate must be entitled to vote in the District electing the District Director for which the MEMBER is a candidate. The names of any petition candidates shall be included on the ballot along with the names of those selected by the District's Councilors.

~~g~~. ~~District Directors shall be elected in a manner to produce rotation.~~

~~f~~-g. On or before October 10, the Chief Executive Officer shall distribute to each member of the SOCIETY entitled to vote in the District electing a District Director a ballot containing the names of all the candidates for Director from that District and constructed as provided herein.

h. A vacancy in the office of District Director, if the unexpired term is more than one year, shall be filled for the unexpired term by vote of the members in the District affected as soon as practicable after the vacancy occurs. If the unexpired term is one year or less and time permits, the vacancy shall be filled as soon as practicable for the period of the unexpired term plus a full term by vote of the members in the

District affected as specified in these Standing Rules. If insufficient time is available to conduct the election of a District Director by vote of the members of the District affected, then the District Director shall be selected by vote of the Councilors in the District affected but shall serve only for the period of the unexpired term.

Sec. 12.

Nomination for President-Elect by Councilor Petition

~~Wherever in these Standing Rules provision is made for selection of candidates for President-Elect by the Council from a list of nominees presented by its Committee on Nominations and Elections, nothing herein shall prohibit petitions for nomination from the floor at the Council meeting provided that such petitions are submitted in writing and signed by not fewer than 50 Councilors present at the meeting and provided that not more than one third (1/3) of such Councilors shall be MEMBERS of any one Local Section. MEMBERS whose names are so presented shall become nominees for that office.~~

Sec. 8.

Elected Committees

The elected committees, which includes the Council Policy Committee, Committee on Committees, and Committee on Nominations and Elections, shall be composed of 15 voting Councilors.

a. Election of Councilors to the ~~Committee on Nominations and Elections~~ **elected committees** shall be arranged so as to provide rotation. Each year the Committee on Nominations and Elections shall propose not fewer than eight voting Councilors for membership on the Council Policy Committee, four of whom shall be elected by the Council; **and** the names of not fewer than twice as many voting Councilors for membership on the Committee on Committees as there are ~~members~~ **MEMBERS** whose terms are expiring. ~~Not later than October 1, the Council shall elect from the list of nominees, as provided elsewhere in these Standing Rules, the number of members corresponding to the number of vacancies on the Committee on Committees for a term of three years beginning with the first day of January following.~~ Nominations for membership on the Council Policy Committee ~~Committee on Committees~~ **elected committees** may also be made by petition of 25 Councilors.

b. Not later than October 1, the Council shall elect from the list of nominees, **as provided elsewhere in these Standing Rules, the** ~~a number of members~~ **MEMBERS** corresponding to the number of vacancies on the ~~Committee on Nominations and Elections~~ **elected committees** for a term of three years beginning with the first day of January following **the election.**

c. No **elected** Councilor shall serve more than **two successive terms of three years each** on the Council Policy Committee ~~Committee on Committees~~ **elected committees.**

d. Each ~~member~~ **MEMBER** of the ~~Committee on Nominations and Elections~~ **an elected committee** must be a qualified voting Councilor when elected. If a ~~member~~ **MEMBER** or ~~member-elect~~ **MEMBER-ELECT** of the ~~Committee on Nominations and Elections~~ **an elected committee** fails at any time to qualify as a voting Councilor, that ~~member~~ **MEMBER** shall thereafter remain a ~~member~~ **MEMBER** of the ~~c~~ **Committee** and a voting Councilor for one additional year or to the end of that ~~member~~ **MEMBER**'s term on the ~~c~~ **Committee**, whichever is shorter.

e. **Any** vacancy in any office originally filled by vote of the Council, except on the Council Policy Committee, shall be filled by the Council for the unexpired term of said office as soon as practicable after the vacancy occurs. If the unexpired term is less than one year, the vacancy shall be filled by election for a period equal to the unexpired term plus a full term as specified in these Standing Rules. For purposes of determining eligibility for self-succession, this combined period of service shall be construed equivalent to a regular full term.

...

~~Sec. 13.~~

Sec. 10.

Terms of Office

a. Each Local Section Councilor and Alternate Councilor and each Division Councilor and Alternate Councilor shall serve the term specified elsewhere in these Standing Rules, beginning on the first day of January following election, or until a qualified successor has been chosen ~~and qualifies.~~

b. Each Director-at-Large and each District Director shall serve the term specified in the Constitution, beginning on the first day of January following election, or until a qualified successor has been chosen ~~and qualifies.~~

~~Sec. 14.~~

Sec. 11.

Elections and Withdrawal or Death of Candidate

...

b. Should a deficiency **in the number** of candidates for a specific elective office occur after the ballots have been sent **to members** and before the established deadline for return of ballots, the Committee on Nominations and Elections shall declare the election void for that particular office. The ~~C~~committee shall then provide an additional candidate or candidates, ~~if necessary~~ **by adding the name next in line from the same candidate selection process**. Provisions shall be made for additional submission and validation of petition candidates. New ballots shall be prepared and the election resumed on a schedule established by the Committee on Nominations and Elections.

...

~~Sec. 15.~~

Vacancies in Office

~~a. A vacancy in any office filled by vote of the Council, except on the Council Policy Committee, shall be filled by the Council for the unexpired term of said office as soon as practicable after the vacancy occurs. If the unexpired term is less than one year, the vacancy shall be filled by election for a period equal to the unexpired term plus a full term as specified in these Standing Rules. For purposes of determining eligibility for self succession, this combined period of service shall be construed equivalent to a regular full term.~~

~~b. A vacancy in the office of District Director, if the unexpired term is more than one year, shall be filled for the unexpired term by vote of the members in the District affected as soon as practicable after the vacancy occurs. If the unexpired term is one year or less and time permits, the vacancy shall be filled as soon as practicable for the period of the unexpired term plus a full term by vote of the members in the District affected as specified in these Standing Rules. If insufficient time is available to conduct the election of a District Director by vote of the members of the District affected, then the District Director shall be selected by vote of the Councilors in the District affected but shall serve only for the period of the unexpired term.~~

~~c. A vacancy in the office of President Elect shall be filled as soon as practicable after the vacancy occurs by ballot of the Council from among the other nominees in the previous election and any petition candidates.~~

~~d. Nomination for any vacancy shall be made in accordance with these Standing Rules pertaining to nominations for the office concerned.~~

~~e. A vacancy in any office filled by vote of a Local Section or Division shall be filled in accordance~~

~~with its bylaws by the Local Section or Division concerned as soon as practicable after the vacancy occurs. Such changes in office shall be reported promptly to the Chief Executive Officer. Any vacancy in the position of Councilor or Alternate Councilor shall be filled for the remainder of the unexpired term in one of the following manners: (1) in a predetermined order of succession as provided in the bylaws of the Local Section or Division from among Alternate Councilors and/or unsuccessful candidates for these positions; (2) by means of a special election, or (3) at the time of the next annual election. If the third option is used, the vacancy may be filled until the next annual election by appointment by the governing body of the Local Section or Division~~

~~Sec. 16~~

Sec. 12.

Eligibility

...

c. Irrespective of other provisions of these Standing Rules, no nominee shall become a candidate unless the nominee has indicated a willingness to serve, if elected, **in writing to the Secretary of the SOCIETY**. It shall be the responsibility of the group submitting a nomination to the Chief Executive Officer or to the Council to present to the Chief Executive Officer, prior to balloting, evidence that the nominee is willing to serve if elected.

~~Sec. 17~~

Sec. 13.

Tie Vote

...

c. Tie votes for any office in an annual election of a Local Section or Division shall be resolved in accordance with its bylaws by its governing body, or by vote of its members either at an election meeting or by ballot.

~~Sec. 18~~

Sec. 14.

Requirements for Balloting

...

c. For all SOCIETY balloting the Committee on Nominations and Elections shall establish and submit to the Council Policy Committee for their approval balloting procedures that meet the requirements of (1) fair balloting that is open to all eligible members of the SOCIETY, (2) anonymity, (3) protection against fraudulent balloting, (4) ballot archiving, and (5) the timely reporting and archiving of balloting results.

d. The Chief Executive Officer and at least one ~~member~~ **MEMBER** of the Committee on Nominations and Elections shall together be responsible for the counting of ballots received within the interval and shall certify the results.

~~Sec. 19~~

Sec. 15.

Procedure for Special Elections

...

~~Sec. 20~~

Sec. 16.

Fair Election Procedures

...

c. For the purpose of distributing campaign material, candidates for office shall have the right to use the membership list of those members eligible to vote for that office. All costs associated with use of the distribution lists shall be borne by the candidate.

d. If in a Local Section or Division election the Committee on Nominations and Elections finds a significant violation of the provisions in the Constitution, Bylaws, or Standing Rules provisions regulating election procedures, for which the violation appears to benefit the winning candidate, the ~~C~~committee may declare the election void and order a new election to fill the vacancy. Opportunity shall be provided for a candidate whose election is challenged, and the challenger(s), to state their views and convey such comments to the ~~C~~committee. Opportunity shall be provided for full discussion by all candidates before the ~~C~~committee, or a decision may be rendered by balloting if that course of action is preferred by all candidates involved. A positive vote by two-thirds (2/3) of the entire ~~C~~committee shall be required to declare an election void. No candidate in the disputed election shall vote in the ~~C~~committee on this decision. The SOCIETY shall hear no further appeal from this decision.

e. If in a District or national election the Council Policy Committee finds a significant violation of the Constitution, Bylaws, or Standing Rules provisions regulating election procedures, for which the violation appears to benefit the winning candidate, the ~~C~~committee may declare the election void and order the Committee on Nominations and Elections to carry out a new election. Opportunity shall be provided for a candidate whose election is challenged, and the challenger(s), to state their views and convey such comments ~~with any correspondence on the subject~~ to the Council Policy Committee. Opportunity shall be provided for full discussion by all candidates before the Council Policy Committee, or a decision may be rendered by balloting if that course of action is preferred by all candidates involved. A positive vote by two-thirds (2/3) of the membership of the Council Policy Committee shall be required to declare an election void. No candidate in the disputed election shall vote in the ~~C~~committee on this decision. The SOCIETY shall hear no further appeal from this decision.

f. A vacancy in any office filled by vote of a Local Section or Division shall be filled in accordance with its bylaws by the Local Section or Division concerned as soon as practicable after the vacancy occurs. Such changes in office shall be reported promptly to the Chief Executive Officer. Any vacancy in the position of Councilor or Alternate Councilor shall be filled for the remainder of the unexpired term in one of the following manners: (1) in a predetermined order of succession as provided in the bylaws of the Local Section or Division from among Alternate Councilors and/or unsuccessful candidates for these positions, (2) by means of a special election, or (3) at the time of the next annual election. If the third option is used, the vacancy may be filled until the next annual election by appointment by the governing body of the Local Section or Division.

Explanation

Following Council's approval of the Petition to Harmonize ACS Committee Structures, Processes, and Terms in 2021, committees were urged to review the Standing Rules governing their operations and bring forth, to the Council, suggested revisions. This petition is the result of the Committee on Nominations and Elections' (N&E's) review of these Standing Rules. Few if any changes being proposed in this petition, are substantive changes. Rather, they are offered to clarify, consolidate and re-order existing requirements related to nominations and elections.

2022 Special Discussion

ACS for the Future

The American Chemical Society mission is *to advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people* and our vision is *to improve people's lives through the transforming power of chemistry*.

Our core values are:

Passion for Chemistry and the Global Chemistry Enterprise

Focus on Members

Professionalism, Safety, and Ethics

Diversity, Equity, Inclusion, and Respect (DEIR)

For our discussion topic, we will consider the future of ACS and our core value, *“Focus on Members”*.

As ACS leaders, we strive to make ACS relevant and helpful for each member, section, division, and committee, and also have an important influence and impact upon the world. However, for each member, the ACS experience can vary significantly. For some members, publications are most vital; for others, it is the networking opportunities that come about from the local section meetings; for others, it may be the opportunity to volunteer with other members to do outreach, to provide only a few examples.

Being mindful of *innovation and adaption* that we must pursue to ensure ACS remains strong and relevant for chemical scientists, what is your idea to enhance the ACS experience and/or impact for the future?

Your idea may be tactical (i.e., if my section had X, this would help us address Y), or may be big picture (i.e., if we formed X, then we could do Y).

The broad focus here is upon new opportunities and positive strategies to address challenges and opportunities for the future.

Note: Dues, meeting costs, meeting locations will not be a part of this discussion.

A. Divisional Activities

The Committee on Divisional Activities (DAC) hosted the “Division Leaders Track” during the ACS Leadership Institute, in-person meeting May 20 – 22. Newly elected chair-elects and interested divisional officers were invited to attend this training session. Further virtual meetings and networking sessions are planned.

DAC prioritized strategies within its 2022 Strategic Plan and assigned Working Group Leaders for each strategy with an initial focus on the development of the Convergent Research Community (CRC) concept, strategies to promote Divisions and communication strategies.

A new Division newsletter - Officer Insights – was launched in May and will be issued monthly providing timely news items to Division officers.

In collaboration with the Committee on Meetings and Expositions the biweekly Program Chair zoom meetings are evolving beyond the delivery of national meeting information to providing networking opportunities for Division program chairs to discuss their opportunities and challenges as they relate to future meetings.

DAC’s Governance subcommittee reviewed and is in the process of providing feedback to divisions on their annual reports. The CRC Working Group; in collaboration with the Strategies, Operations and Program Enhancement (SOPE) subcommittee; are preparing to launch the 2022 CRC Phase II pilot. This scheme seeks to promote multidivisional collaborations operating at the cutting edge of the chemical enterprise, resulting in a coalescence of activities within a dynamic community of chemical experts.

DAC is seeking to amend its duties within the Standing Rules to provide it with the authority to support Divisions with lapsed leadership by taking action on their behalf, including appointing an interim executive committee, and/or facilitating a Division’s election and make recommendations to Council concerning combining or dissolving Divisions.

The committee wishes to acknowledge the efforts of the divisions and the Multidisciplinary Program Planning Group (MPPG) for their excellent programming in support of the Fall 2022 national meeting theme, “Sustainability in a Changing World”.

Sheila Murphy, Chair

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Cynthia H. Collins
Alan W. Elzerman
Jennifer A. Hollingsworth
Lauren Jackson
Julie L.P. Jessop

Marge A. Matthews
Graham F. Peaslee
Martin D. Perry, Jr.
Elsa Reichmanis
Aditya (Ashi) Savara
Joseph P. Stoner
Michael H. Tunick

Associates

Jarrold Cohen
Dady B. Dadyburjor
Jane E. Frommer
Karl W. Haider

Michael B. Jacobs
Glenn M. Larkin
Amy M. McKenna
Randall E. Winans

Staff Liaison: Kevin P. McCue

ORIGINAL**FOR COUNCIL ACTION****Petition to Amend the Duties of the Committee on Divisional Activities**
(AMENDMENTS TO THE STANDING RULES)**Standing Rule VII, Sec. 2, b****Petition**

We, the voting members of the American Chemical Society's Committee on Divisional Activities hereby petition to amend the SOCIETY's Standing Rules as follows (additions **underlined**; deletions ~~struck through~~):

STANDING RULE VII**Units (Local Sections, Divisions, International Chapters) Functions**

...

Sec. 2.**Divisions Function**

...

b. The duties of the Committee on Divisional Activities shall include the following, *inter alia*:

...

(3) perform the duties incident to the creation of new Divisions as prescribed elsewhere in these Standing Rules ~~and making recommendations to the Council for combination or dissolution of Divisions;~~

(4) **take such actions as necessary if any Division has an inactive Executive Committee such as to appoint an interim Executive Committee or facilitate the Division's elections;**

(5) **make recommendations to the Council concerning combining or dissolving Divisions;**

...

Note: subsequent sections remain and are renumbered.

(68) determine the formula for distribution of ~~due~~ **SOCIETY** funds allocated to Divisions as provided elsewhere in these Standing Rules and convey that formula for approval by the Council; and

...

Explanation

The Committee on Divisional Activities (DAC) seeks to amend the committee's duties that are in the Standing Rules. On occasion, Divisions experience challenges either through lapses of leadership of their governing elected bodies or decreasing interest in the Division's focus. Lapses of leadership may occur due to resignations, ineffective succession planning, or failure to conduct elections, among other reasons and could result in a Division without a duly elected Executive Committee and unable to fulfill certain responsibilities outlined in their bylaws. Divisions may consider combining or dissolving units due to changes in relevance of the focus area. When these situations occur, Divisions may need support to navigate processes specific to their circumstances. This petition seeks to provide DAC with the authority to support Divisions by facilitating the appropriate processes and/or taking action on their behalf, including the appointment of an interim Executive Committee and/or facilitating a Division's elections, if necessary.

PETITION FOR A CHANGE IN SECTION NAME

Northeast Tennessee Local Section

The Northeast Tennessee Local Section petitions for a name change from the Northeast Tennessee Section to the Tennessee-Virginia Highlands Local Section.

The section is requesting a name change since the current name does not represent the actual area covered by the section. Our Section was established by the vote of the American Chemical Society Council in March, 1932. Its Charter territory included the Tennessee counties of Sullivan, Washington, Carter, Unicoi, and Johnson. The Charter members were all from Tennessee, but very quickly Chemists from Southwest Virginia became active members. In 1941 the territory of the Section was expanded to include the Virginia Counties of Scott, Smyth, and Washington without a change in the name of the Section. Wise County Virginia was added at a later date.

The current name of the Section does not convey the importance of its Virginia members to its continuing success. The oversight is an old one, but the Executive Committee believes it is now time to correct it.

A section-wide vote on the name change from the Northeast Tennessee to Tennessee-Virginia Highlands Local Section took place July 15 - August 1, 2021. Ninety-Five percent of responses (42 local section members) VOTED in favor of changing the name to Tennessee-Virginia Highlands Local Section. The Northeast Tennessee Local Section's Executive Committee subsequently VOTED in favor of the name change and petition to change the section's name to Tennessee-Virginia Highlands Local Section.



C. Membership Affairs

The ACS Committee on Membership Affairs (MAC) remains committed to its vision that all students and professionals within the global chemistry enterprise are engaged ACS members.

To that end, MAC is pleased to announce that the implementation of our new membership model remains on track.

As of May 31, 2022, the membership count is 155,622, which includes members, society affiliates and community associates. The latter group is the new category of people using ACS products and services who wish to have a deeper association with the Society and enjoy a limited set of benefits. This membership total compares favorably to 151,435 one year ago on May 31, 2021.

While the total number of members, affiliates, and associates has increased 2.8% year-over-year, MAC remains especially concerned about the undergraduate and graduate student member segments. After years of staying relatively flat, at the start of the pandemic on March 31, 2020 we had around 37,000 combined student members. Exactly two years later the number had decreased to 24,000, a COVID catalyzed decrease of 35%. With the new reduced student pricing, the return to in-person programming, and continued exploration of new value pilots, there are positive signs that we've likely reached the minimum and have begun to grow these segments again. For example, year-to-date paid joins for undergraduate and graduate students is 14% and 46% higher respectively compared to last year.

MAC is also closely monitoring the choice of benefits packages which renewing and new, regular members are making. Thus far, among our renewing members 83.6% have purchased the Premium package with all benefits included, while the remaining 16.4% have chosen the Standard package with a reduced set of benefits. This conforms favorably with the product modeling and research we conducted prior to go-live. MAC is tracking, evaluating, and will continue reporting this information to Council in the coming years. We seek to understand continuously the members and the choices they are making and are prepared to respond accordingly by adjusting both pricing and benefits. It is still important to note that a member is a member is a member and for all governance interactions (voting, service, elections) there is no discernable difference between members with the Premium and Standard packages.

The new membership model has provided additional opportunities for the Society to improve imperfections in membership operations. One such longstanding shortcoming was the member termination process. In a traditional year, approximately 1/6 to 1/5 of the membership would lapse and 1-year later they would be terminated. Over the course of decades, this equated to hundreds-of-thousands of members that were no longer affiliated with ACS. At the time, in order to keep our number at equilibrium we had to turn to recruiting new members where acquisition costs ran hundreds of dollars. What if there was a better way?

To address that churn issue, we have implemented a new business rule regarding the member termination process. As of April 1, lapsed members who are 60 days beyond their renewal date will transition and be provided community associate status for up to three years. They can be retained in this status beyond three years if they show activity within the Society.

This is a significant improvement in the process for the individual and for the Society. While they can choose to remain in contact with ACS as a community associate in perpetuity, many may choose to upgrade their status to a paid membership at any time using online self-service mechanisms. We have set-up weekly messaging and instituted paywalls protecting important member benefits throughout [acs.org](https://www.acs.org) to encourage these upgrades. The act of upgrading also provides these individuals with a new, 12-month membership term—an improvement over the now deprecated process of paying back dues in arrears which was for many an incentive not to renew. ACS and our Local Sections (and International Chemical Sciences Chapters) can also continue to message those community associates about upcoming opportunities instead of being removed from our component rosters as their memberships were terminated.

To date, the change has been well received. Approximately 20,000 individuals whose memberships were no longer in good standing have undergone this transition process and only about a dozen have connected with a request. Messages have been deployed both prior to and post this transition and MAC has sent messages to component leads and held dedicated town halls showing the change in the process and the impacts of the new procedure on reporting and rosters. Should you or your section, division, or chapter have any questions about the new procedure, please message mac@acs.org to set up a special session. You can also visit MAC's ACS Network page with further details, FAQ, and recordings of those town halls here: <http://www.acs.org/membership-transformation>.

Beginning in early 3rd quarter 2022, local sections and international sciences chapters will have access to a new monthly report with the contact information for the community associates in your geography. While not required, component groups have the option to contact this group of associates with participant or volunteer opportunities at any event open to non-members. As a reminder, community associates are not members, and thus cannot hold an elected office or vote. Many local sections and divisions have an affiliate status for non-members that can also be utilized directly by interested community associates to further engage with components without having to join ACS national.

For our Technical Divisions, since community associates do not have a single mutually exclusive entity like they do with Local Sections, we have begun by highlighting individual divisions and their benefits in weekly emails that the associates receive.

Finally, with the changes to membership live, and ACS membership packages at a variety of price points and value propositions, now is the time to invite all of your colleagues and contacts to be involved in ACS. MAC encourages all members of Council to refer their colleagues to join ACS, or become a no cost community associate. Please share the www.acs.org/membership URL with them to review the details of the various packages and engage with the product that is right for them. If everyone reading this referred a handful of colleagues, we would make a significant impact in building a more inclusive and representative ACS. Thank you for all that you do.

Laura Sremaniak, Chair

Roger F. Bartholomew
Jens Breffke
Alexandra Bruefach
Melissa B. Cichowicz
Brian M. Eklov
Joan M. Esson

Thomas R. Gilbert
Manibarsha Goswami
David S. Gottfried
Alison Hyslop
Michael Knapp
Sarah J. Leibowitz

Leigh R. Martin
Justin A. Russak
Anubhav Saxena
Darlene K. Slattery
Charles H. Weidner
James Wollack

Associates

Ludivina Avila
Brian B. Brady
Robert S. Cohen
John Engelman, II
Gregory P. Foy

Warren D. Hull, Jr.
Sajid Jahangir
Jennifer L. McCulley
Myrna R. Otano-Vega
William C. Pomerantz

Staff Liaison: Steven Meyers

ORIGINAL**FOR FUNCTION COMMITTEE ACTION****Petition to Amend the Application and Dues Process for Corporation Associates**
(AMENDMENTS TO THE STANDING RULES)**Standing Rule I, Sec. 9 (c)****Petition**

We, the voting members of the American Chemical Society's Committee on Corporation Associates, hereby petition to amend the SOCIETY's Standing Rules as follows (additions **underlined**; deletions ~~struck through~~):

STANDING RULE I
Membership Function

...

Sec. 9.**Affiliates and Associates**

...

c. Corporation Associates

...

(2) Application for such status shall be made on the appropriate form ~~and be accompanied by a check in payment of dues for the first year.~~ **Upon approval by the committee, an invoice will be sent for dues.** A Committee on Corporation Associates of the Board of Directors shall consider all applications for Corporation Associates and take such action as it deems appropriate.

(3) The dues of Corporation Associates shall be graduated and based on the ~~number of chemical scientists employed by the preceding year by the unit enrolled in accordance~~ **company's total annual sales revenues** with a schedule set in advance by the Board of Directors.

...

(5) The obligation for dues for a Corporation Associate shall continue from year to year. The status of any Corporation Associate in arrears for dues ~~after March 31~~ shall be ~~communicated to~~ **evaluated by the committee. Recommendations for action will be provided to** the Board of Directors ~~for its action.~~ If, ~~by action of the Board of Directors,~~ a Corporation Associate **company** is dropped for nonpayment of dues, it shall be reinstated ~~only by vote of the Board of Directors upon recommendation by its~~ Committee on Corporation Associates.

Explanation

The Committee on Corporation Associates is recommending a new dues structure based on annual revenue instead of number of chemists so that dues income is not dependent on any one company and spreads support more fairly among all enrolled companies. The March 31 deadline for dues payment is removed to provide greater flexibility from extenuating circumstances caused by the need for additional paperwork, as well as late billing through the ACS Office of Philanthropy wherein payment of dues are received at the end of the membership year.

D. Analytical Reagents

The ACS Committee on Analytical Reagents (CAR) establishes chemical reagent specifications as well as analytical procedures for determining the purity of reagent grade chemicals. 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, academia, government agencies and users of reagent grade chemicals.

CAR convenes in formal session biannually. Sessions include meetings with the full committee or subcommittees, over 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 in a hybrid format on April 6th and 7th, 2022. The hybrid format was quite successful, with 6 members participating in person and 13 members participating virtually. A major accomplishment of the meeting was resolving detailed user questions and planning content updates. Other accomplishments of the April 2022 meeting included drafting workflows for new reagent content which includes project flow interactions between the New Reagent Subcommittee, University Task Force and the Validation Subcommittee. The creation of this documented workflow provides the committee the potential to publish 5 to 7 new reagents within the next 18-month period.

The recently approved/added goal to the committee's strategic plan regarding "Diversity, Inclusion, & Respect" was discussed and shows progress with the inclusion of several young chemists who are participating in the university outreach program and the addition of one new associate committee member. This meeting also included the introduction of the committee's new secretary, Kelly Peshman.

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, 23 monographs have been updated, largely to provide chemists a safer and more accurate methodology for testing heavy metals. In addition, a new monograph for the chemical "Rhodamine B" published in August 2021.

After pandemic-related closures of university laboratories, the intern program kicked off in Fall 2021, with 5 students working with 4 professors at 3 universities. One student submitted data for review at the Spring 2022 Meeting, and 3 more students anticipate submitting data for the Fall 2022 meeting. Students have attended additional meetings of the University Task Force where they presented their work and answered questions from CAR members.

CAR receives detailed customer queries each month and responding to these queries is an important service to chemists manufacturing chemicals and overseeing chemical quality. Quarterly meetings of the committee chair, secretary, inorganic and organic subcommittee chairs and the ACS Product Manager have enabled CAR to address more than 30 user questions in the last year.

Based on 2021 market research, the *ACS Reagent Chemicals* website was re-designed in 2022. The improvements included a more database-like design that enabled customers to see recent updates and contact CAR for assistance. New content was also published to help new users navigate the work. ACS Publications published a white paper connecting *ACS Reagent Chemicals* with the need for quality reagents in the pharmaceutical industry. Some CAR members plan to attend the ACS National Meeting in Chicago. They will work with ACS Publications to present a Committee Q&A event in the Expo.

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Society Committee Reports

From 2020 to 2021, sales increased by 14%, with 2021 revenues exceeding \$180,000. More than 230 institutions subscribe to ACS Reagent Chemicals.

CAR has several initiatives to collaborate more closely with other committees and technical divisions within ACS. CAR members have begun networking with other ACS committees and Technical Divisions to establish new collaborations that will broaden the involvement in the committee and in *ACS Reagent Chemicals*. CAR is also developing a committee manual for its internal use as well as a means for communication more broadly within ACS as to the important work of the committee. And finally, CAR is planning on holding its Spring 2023 meeting at the ACS National Meeting in Indianapolis in order to strengthen its ties with the larger ACS governance.

Tom Tyner, Chair

Subhra Bhattacharya
Rachel J. Blankenship
Eric Bosch
Louis DuPont
Regina Easley
James N. Francis
Michael Jeitziner

Norman, A. Johns
Robert W. Kramer
Huifang Lang
Terrance Lee
Avrom C. Lintin
Tom J. Mancuso
Nelly N. Mateeva

Mary Beth O'Donnell
Kelly Peshman
Robert Thomas
Shyam K. Verma
Celia Williams

Associates

Parul Modi
Sara Smith
Tom Xiao

Consultant

Paul A. Bouis

Staff Liaison: Sara Tenney

E. Budget and Finance

The Society Committee on Budget and Finance (B&F) will meet on Saturday, August 20, 2022. Staff will review the Society's year-to-date 2022 financial performance at that time. Through May 31, ACS generated a net contribution from operations of more than \$38 million, on revenues of \$293 million and expenses of \$255 million. This was significantly ahead of the 2022 budget (\$18 million) but \$6 million below the prior year. Year to date revenues have been slightly above budget while expenses are well below the budget.

B&F will also receive reports from its two standing Subcommittees. Of particular note will be an update from the Portfolio Evaluation and Optimization Subcommittee (PEVOP). PEVOP is a more strategic and streamlined follow-on to the Society's former program assessment process. PEVOP will be presenting the results of its current year assessments along with its updated process for collecting new program funding requests for consideration by B&F and, ultimately, the ACS Board of Directors.

B&F charged a working group in 2022 to take a fresh look at the Committee's charge in the Society's Standing Rules and to ensure that it is delivering maximum value to ACS. The working group will provide a report on its work and share some early observations and potential recommendations for B&F consideration.

Representatives from the ACS Meetings and Exposition Services group will present suggested registration fees for ACS national meetings in 2023. B&F will then forward its recommendations along to the ACS Board of Directors for their approval.

At its meeting in March 2022, B&F received a report from Vice President Susan Morrissey on the Communications Division's near-term plans and financial projections. At the upcoming August meeting, Terri Chambers, Senior Director of ACS Education Division, will present a similar report on the activities of this key organization unit.

Members of B&F and the ACS Board of Directors will meet in September 2022 at the Financial Planning Conference. The Conference, which is required to be held at least every five years, is a joint meeting between the Board of Directors and the Committee on Budget and Finance and focuses on topics of strategic financial importance.

William J. Greenlee, Chair

Bryan Balazs
Christina Bodurow, Vice Chair
James Carver
Richard Danchik
Carol Duane
Dana Ferraris, Chair, Communications
Subcommittee
Natalie LaFranzo, Chair, PEVOP
Subcommittee

Rabin Lai
Bonnie Lawlor
Willem Leenstra
Richard Lomneth, Chair, B&F Charter
Review Working Group
Kristin Omberg
Dorothy Phillips
Diane Schmidt

Associates

Robert Coots
Donald Mencer
James Skinner
Victor Tortorelli

Staff Liaison: Albert Horvath

F. Chemical Safety

The Committee on Chemical Safety (CCS) has been advancing its mission and vision by contribution the following project to the CCS goals outlined in its 2019 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.

- Members of the committee provide support to the ACS Office of Safety Programs to produce videos that introduce risk-based laboratory safety to undergraduate students. The videos align with the committee guidance and introduce the RAMP method, which stands for **R**ecognizing Hazards, **A**ssessing Risks, **M**inimizing Risks and **P**reparing for Emergencies. The new videos can be downloaded from the ACS [You Tube Chemical Safety Playlist](#) at no charge, and are to replace the aging and still widely used ACS safety video *Starting with Safety*.
- 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. This RAMP-based guidance is now available at the [ACS Outreach Website](#)

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

- The CCS Safety Advisory Panel (SAP) met in person for the first time since 2020 on June 2-4 at the ACS Headquarters for its annual meeting. Members who had travel issues joined the meeting virtually utilizing ACS excellent audiovisual systems. SAP is a technical environmental, health, and safety resource for the CCS and ACS addressing emerging and complex chemical safety and regulatory issues on an as needed basis. CCS charged SAP to propose a plan for revising the 2015 publication [Identifying and Evaluating Hazards in Research Laboratories \[PDF\]](#). This guidance includes methods and tools for recognizing hazards in research laboratories and assessing and minimizing risks from these hazards. The original publication was created by a CCS Task Force in response to a recommendation from the [U.S. Chemical Safety Board](#). The SAP input will guide the CCS in defining a charge for a 2023 CCS Task Force that will work on the second edition of this guide.
- The CCS is a contributing partner to planning of the 2021-2022 ACS Presidential Safety Summit, which will take place on October 13-15 in Washington DC. The focus of the summit this year is on the readiness of the Ph.D. chemists for industrial careers. Specifically, discussions will focus on the safety competencies (knowledge, skills, and attitudes) that industry needs a newly hired Ph.D. to have to be successful in R&D industrial careers. The summit discussions will be informed by results from a 2021 survey of industrial professionals who onboard new scientists. Conversations will be also guided by newly defined terms from the CCS Education Subcommittee for safety education and safety training.
- The CCS Task Force on DEIR Related to Chemical Health and Safety, (TFDCHS) has been charged with exploring how DEIR concerns expressed in the ACS' Statement on DEIR uniquely affect the ability for chemists to function safely when working in laboratory and chemical plants. This Task Force has been meeting monthly and made significant progress on identifying issues that might hinder chemistry laboratories from becoming safe, inclusive, and welcoming environments. Additionally, CCS has appointed a member to the ACS DEIR Roundtable.

- During its 2021 spring meeting, the committee reviewed all committee publications and identified ones that need to be revised, updated, or retired. Several small working groups have been created to work on these projects. The committee is currently revising the following documents:
 - Guide for Chemical Spill Response Planning in Laboratories
 - Developing Reproductive Protection Programs in Industrial and Academic Settings

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

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

- A new system has been proposed for onboarding and tracking committee projects. This will help the committee to focus their efforts on projects that maximize impact on chemistry enterprise and better determine required expertise, resources needed, intended audience as well as include dissemination plans for the CCS products. Integrating dissemination plans into project planning will advance Goal 3.
- New associate members were invited to optimize the committee expertise. For example, the new associate member brings a connection to chemical safety at a community college and the graduate student associate is serving as the liaison to the ACS Graduate Student and Postdoctoral Scholars Advisory Board (GSPSAB).

Sammye Sigmann, Chair

Allen W. Apblett
Georgia Arbuckle-Keil
Grace Baysinger
Jennifer L. Bishoff
Joseph M. Crockett
Debbie M. Decker
Anna L. Dunn
Robin M. Izzo
Daniel R.N. Jacques
Kimberly B. Jeskie

Michael G. Koehler
Jennifer L. Maclachlan
Nicholas F. Materer
Leah R. McEwen
Russell W. Phifer
Peter A. Reinhardt
Al Ribes
Ralph Stuart, III
Ellen Sweet

Associates

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Dwayne Henry
Sandra K. Keyser
Daniel R. Kuespert
Kalyani Martinelango
Monica Mame Soma Nyansa
Catherine N. Situma

Consultants

Kirk Hunter
David Finster

Staff Liaison: Marta Gmurczyk

G. Chemistry and Public Affairs

The Committee on Chemistry and Public Affairs (CCPA) advises and recommends ACS action on public policy matters involving the chemical sciences and technologies. 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 works to encourage ACS members to talk to public officials about issues covered by ACS policy positions. The ACS Chemistry Advocacy Workshop (<http://www.acs.org/chemistryadvocacy>) is online and includes four modules covering skills, resources, logistics, and communication for the purposes of advocating for chemistry on the federal level. Participants learn to successfully plan and execute advocacy activities, as well as have an opportunity to network and build a community with others passionate about science advocacy and ACS. This program aligns with the Society's ongoing engagement with policymakers on Capitol Hill in support of science, engineering, innovation, and chemical stewardship. Coming in September is another advocacy resource focused specifically on how to communicate and advocate on climate change-related issues. Councilors should keep an eye on **Act4Chemistry twitter account (@Act4Chemistry)** for an announcement about the new stand-alone ACS Climate Change Advocacy Workshop.

To promote ACS member engagement related to ACS sustainability policy statements, CCPA has joined forces with the Committee on Environmental Improvement (CEI) to create the **new CCPA-CEI ChemLuminary Award for Outstanding Promotion of the Society's Sustainability Position Statements**. This award will recognize a local section, technical division, international chapter, or regional meeting for an outstanding advocacy activity in 2022 that promotes one of the ACS sustainability policy statements.

ACS policy statements on the topic of sustainability include Climate, Critical Materials, and Water Treatment and Conservation. You can find all of these statements online (www.acs.org/policy and click on "Advance Sustainability and the Environment.") ACS units have the remainder of 2022 to organize and execute activities that will be eligible for consideration for the award to be given out in 2023. ACS Councilors are asked to share the news of this new ChemLuminary award with your local sections, divisions and other ACS units.

Public Policy Fellowships

For the past 45 years, ACS 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 D.C.

CCPA provides oversight of the ACS Public Policy fellowship program and guides the annual selection process. This year, 20 CCPA members and past fellows reviewed nearly 40 applications for the 2022-2023 fellowship term. I am pleased to share the results of that selection process: **Holly Hajare** from the Silicon Valley Local Section, and **Bernat Navarro-Serer** from Chemical Society of Washington, 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 has been selected to extend her ACS science policy fellowship into a second year, where she will continue to work 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 federal policymakers. In 2022, CCPA reviewed the ACS policy statement on Peer Review and will vote on whether to recommend the statement draft to the ACS Board of Directors for final approval at our Fall 2022 meeting.

Kevin M. Kuhn, Chair

Gretchen Baier	Shelli McAlpine
Novella Bridges	Michael Meador
Susan Butts	James Moran
Eun-Woo Chang	Mary Jo Ondrechen
Bonnie Charpentier	Dale Orth
Deborah Cook	Laura Pence
Louise Criscenti	Amy Ripka
Jay Dias	Jamie Schwarzbach
Mick Hurrey	Robert Sindelar
Ann Kimble-Hill	Jozef Stec
Zafra Lerman	Heidi Vollmer-Snarr
Emily Lewis O'Brien	Donald Wink
Karlo Lopez	

Staff Liaison: Caroline Trupp Gil

H. Chemists with Disabilities

The CWD vision is making chemistry accessible to all through accessibility, inclusion, and respect for persons with disabilities in the chemistry enterprise.

The CWD committee will be meet in a hybrid version in Chicago on August 21, 2022.

Presidential Event Symposium: CWD is sponsoring Presidential Workshops in Chicago taking place August 23 at the Sheraton Grand Hotel. These will be hybrid events in which panels will be discussing both industrial, academic, and individual experiences navigating various aspects of accessibility, inclusion, and respect. The titles and times are as follows.

- **Covering and Reverse Covering-** 9-10 a.m.
- **What You Don't See| Invisible Disabilities-** 2-3 p.m.
- **Science is for everyone! Strategies and Suggestions for Accommodations** 3:30-4:30 p.m.

CWD Strategic Plan: The committee completed another strategic planning retreat in June 2022 and will vote on the outcomes of the retreat at the Fall committee meeting. This plan built off the goals from the 2019 strategic plan and expanded on other strategies and tactics that we strive to implement in the coming 3-5 years.

CWD Resources and Information: The committee held an in-person working group session and completed the newest version of “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. A new CWD website has been launched www.acscwd.org that has the most up-to-date committee activities and will also house the updated electronic version of the resource guide. This guide will be a focus of a Presidential Event Symposium in Chicago entitled “**Science is for Everyone! Strategies and Suggestions for Accommodations**” being held at the Sheraton Grand Chicago, August 23rd from 3:30-4:30 p.m.

Enabling accommodations for other ACS events: The committee has dedicated matching grant funds for regional and local events to encourage event coordinators to implement accommodations for participants. This can be initiated by sending an email to cwd@acs.org and we encourage regional and local ACS event and program coordinated to contact us! We have received 2 requests to date. Additionally, CWD is working with MAC and will be working M&E to ensure that the SOCIETY and National Meetings are accessible to all. Be on the look out for more details in 2024.

External collaborations: CWD continues to collaboration with other professional organizations to share best practices and understand how CWD can have a positive impact on enabling and promoting persons with disabilities in the sciences. If you have suggestion on collaboration, please reach out to anyone on the committee or email cwd@acs.org

Michelle Cummings, Chair

Maria T. Dulay
Debra A. Feakes
Pedro E. Flores Gallardo
Christian Hamann
Carl E. Heltzel
Lee W. Hoffman
Kevin L. Kelly
Stefan M. Kilyanek

Lucian A. Lucia
Marcie J. Merritt
Ashley Neybert
Amie Norton
Patricia A. Redden
Sharon Rozovsky
Rachel E. Scroggins
Theresa L. Windus

Associates

Partha Basu
Cynthia Chapple
Michael W. Fricke
Maria T. Gallardo-Williams

Mona Minkara
Dontarie Stallings
Dean J. Tantillo

Consultant
Laureen Summers

Staff Liaison: Paula D. Christopher

I. Community Activities

The Committee on Community Activities (CCA) continued holding in-person events during the spring 2022 ACS meeting with provisions for members to attend meetings virtually. The Presidential Outreach Event in San Diego, CA was held on Saturday, March 19, 2022, at the Fleet Science Center. Nobel Laureate David MacMillan and CCA member Veronica Jaramillo gave brief presentations to all participants, and Dr. MacMillan gave a longer presentation describing polymers for high school students and volunteers following the main event. Roughly 300 giveaways were distributed, and many people of all ages left the event with smiles on their faces and animated conversations about science. President Angela Wilson was present and is thanked for her sponsorship of this event. The San Diego Local Section is also thanked for hosting the event and recruiting outreach volunteers.

CCA subcommittees continue to develop and support existing programs for outreach volunteers. CCA has nominated a representative to the DEIR roundtable and is working to make all of the resources provided by the committee diverse and inclusive to all. Progress continues on the 2021 CCA Strategic Plan projects with updates expected during the Chicago Fall 2022 meeting. The Safety in Outreach Settings resources have been launched online, and training resources are being revisited given the ChemAttitudes project findings.

CCA invites all local sections, international chemical sciences chapters, and student groups to participate, either virtually or in-person, in National Chemistry Week 2022. The theme of this campaign is “Fabulous Fibers: The Chemistry of Fabrics,” and will be celebrated October 16 - 22. Resources will launch to support this campaign on August 1, 2022. Scientists in grades K-12 can participate in an Illustrated Poem Contest, and events embracing fabric chemistry for participants of any age are encouraged! Our NCW Presidential Outreach Event (The Kids Zone) embracing this theme will be held on Saturday, August 20, 2022 during the fall meeting in Chicago, IL.

The theme of Chemists Celebrate Earth Week 2023 is “The Curious Chemistry of Amazing Algae,” and will be celebrated April 16 – 22, 2023, with resources launching Feb. 1, 2023. The CCEW Presidential Outreach Event planned around this theme will be held on Saturday, March 25, 2023, at the spring ACS meeting in Indianapolis, IN.

CCA welcomes the participation of any ACS member on any of our National Chemistry Week and Chemists Celebrate Earth Week Theme Teams for 2023 and beyond. Come and be part of the planning of these campaigns! CCA also strongly encourages all local sections and international chemical sciences chapters to recognize an Outreach Volunteer of the Year and to self-nominate for CCA ChemLuminary Awards. Please contact outreach@acs.org for more information.

Lori R. Stepan, Chair

Veronica Jaramillo
Keith Krise
Ressano Machado
Neal Abrams
Rick Rogers
Dave Heroux
Janet Asper

Sara Delgado Rivera
Susan Hershberger
David Katz
An-Phong Le
Avrom Litin
Regina Malczewski
Monica Sekharan

Alexsa Silva
Cary Supalo
William Doria
Tracy Hamilton
Edith Kippenhan
Faith Yarberry

Associates

Greglynn Gibbs
Oksana Love
Robin Tanke
Jacqueline Trischman

Siu Kai "Ray" Lam
Sherri Rukes
Weslene Tallmadge
Cheryl Trusty

Staff Liaison: Lily Raines

J. Constitution and Bylaws

Since its virtual spring meeting, the Committee on Constitution and Bylaws (C&B), acting for the Council, issued certified bylaws to two Local Sections, one Division, and one International Chemical Sciences Chapter: Penn-York, Puget Sound, Rubber Division, and Switzerland International Chemical Sciences Chapter. C&B also reviewed four proposed bylaws. Certified bylaws are available at www.acs.org/govdocs (click on unit bylaws).

To update your bylaws, contact us at bylaws@acs.org and we will be happy to send a Word document of your current bylaws to the Chair or Secretary. At the web link, use either the model bylaws or the questions document, and send either one to us, along with any language from your current bylaws, if you wish, for C&B's review. Contact us if you have any questions or need assistance.

The ACS Governing Documents, which are effective as of June 1, 2022, and available at www.acs.org/govdocs, were amended per the Petition to Amend the Use of Dues; Petition to Amend the Duties of the Committee on Chemists with Disabilities; and the 2023 Schedule of Membership. The following petitions to amend the Standing Rules will be up for action by Council at the fall meeting: Petition to Amend the Election Function; Petition to Amend the Application and Dues Process for Corporation Associates; and Petition to Amend the Duties of the Committee on Divisional Activities.

Guidelines to amend the Constitution and Bylaws and guidelines to amend the Standing Rules are in the ACS Governing Documents at www.acs.org/govdocs. New petitions to amend the Constitution or Bylaws must be received by the Chief Executive Officer (bylaws@acs.org) **by December 7** to be included in the Council agenda for the spring 2023 meeting in Indianapolis, IN. We will be happy to assist with wording the petition and other requirements; please send your draft to us before you start collecting signatures, preferably one to two months before this deadline. For petitions to amend the Standing Rules, please refer to those guidelines at the above link.

ACS members are invited to attend C&B's open hybrid meeting on Sunday, August 21, from 1:00 – 4:00 p.m. CT. The committee will give a brief status report and will be happy to respond to your questions. If you are unable to attend and have any questions, please contact us at bylaws@acs.org.

Keith Vitense, Chair

John E. Adams
Gary A. Anderson
Brian B. Brady
Semih Eser
George H. Fisher

Mary Kay Heidtke
W. Gary Hollis, Jr.
Lawrence H. Kolopajlo
John M. Long
Kathryn Lysko

James M. Postma
Eleanor D. Siebert
J. David Stickler

Associates

Kirby Drake
Herbert S. Golinkin
Kathryn Kitzmiller
Mike Sheets
Lichang Wang

Consultants

V. Dean Adams
James C. Carver

Staff Liaison: Amy Yam

K. 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.

Over the past three years, CEPA has brought many of its services online, expanded offerings, and developed new services. Those efforts have continued. Also, CEPA returned to in-person programming with the return of Career Navigator Live! (CNL) at the Spring 2022 Meeting. Midway through 2022 CEPA has been involved in the following:

- Reviewed all (12) Career Pathways Workshops (CPW). Feedback from these reviews was provided to ACS staff and is being incorporated in the 2022 update of CPW's.
- Country-specific career workshops in China and India have begun this year. One of each such workshop has been developed and facilitated.
- 134 Personal Career Consultations have taken place virtually. This is a small increase from 2021 numbers, and above our 2022 target goal of 20 consultations/month.
- Consultations on retirement, and preparing for retirement, are underway as a pilot program.
- 294 in-person Career Consultations took place at the Spring 2022 Meeting.
- Virtual Office Hours (VOH) workshops continue to take place the first Thursday of every month. We are averaging 450 registrants and 150 attendees per month this year. This is a substantial increase on average over attendance last year.
- Our use of marketing, particularly around social media, has created better awareness with our members of the various career programming offered by CEPA.

CEPA continues to meet as a full committee between National Meetings. The CEPA Summer Quarterly Meeting took place June 18th, 2022. CEPA will meet in a hybrid format for the Fall 2022 Meeting. CEPA will update its strategic plan later this year, with a Strategic Planning Retreat (SPR) scheduled for late July – early August 2022.

Eric Bruton, Chair

Penny Beuning
Allen Clauss
Ellene Tratras Contis
Lawrence Dennis
Gregory Ferrence
John Gavenonis
Silvia Jurisson

James Landis
Amanda Peterson Mann
Christine McInnis
Richard Mullins
Ruth Tanner
Bhaskar Venepalli

Associates

Blakely Adair
Christopher Avery
Arindam Bose
Kenneth Fivizzani
Amy Hamlin

Kathryn Leach
Clementina Mesaros
Carol Mulrooney
Beverly Briggs Penland

Staff Liaison: Tom Halleran

L. Education

This report provides updates on SOCED's progress implementing the actions agreed on during its Spring 2022 meeting, and highlights significant accomplishments of the Society's education programs.

SOCED's three subcommittees (Science Education Policy, Promoting Excellence in Education, and Student Communities), along with a collection of advisory boards and working groups, are engaging 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.

To advance Goal 5 and the core value of diversity, equity, inclusion and respect, SOCED will be following up on a joint discussion held with the Committee on Professional Training on making chemistry education more inclusive and equitable.

SOCED continues to explore potential roles that ACS could play in promoting academic integrity in the chemical sciences, building on subcommittee discussions that explored the complexity of the issue and the confluences of opportunities, pressures, and rationalizations that can lead to student cheating. Understanding students' perspectives will help the chemistry community convey what academic integrity is and why it is important, support students, faculty, and departments, and focus on changing behaviors, approaches, mindsets, and cultures. As potential actionable items are considered and developed, SOCED will be conferring with other stakeholders/partners.

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 is proposing revisions to the Science Education Policy statement that:

- amplify the focus on underserved and underrepresented communities in the science, technology, engineering, and mathematics (STEM) education system;
- allow for flexibility around emerging trends and methods of teaching and learning in response to virtual learning, calls for broadband access, and other areas; and
- incorporate key aspects of two policy statements, the Importance of Hands-on Laboratory Science and the Teaching of Evolution, into the larger statement.

Once approved by SOCED, the proposed revisions will be considered by the Board Committee on Public Affairs and Public Relations (PAPR) in December.

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:

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- Professional development activities, such as the [New Faculty Workshops](#) and the [Postdoc to Faculty Workshop](#), are being held in-person in 2022.
- 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 2022-2023 school year are due September 1, 2022.

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 14 GSOs.
- A total of 20 [ACS Student Group Development and Engagement Grants](#) and 9 [ACS DEIR Faculty Advisor/Chapter Officer Grants](#) have been awarded in the first half of 2022. There are now 96 [ACS International Student Chapters](#) chartered in 29 countries.
- The team selected to represent the US at the [2022 International Chemistry Olympiad](#) to be held virtually on July 11–18 consists of:
 - Jack Liu, Carmel High School, IN, Indiana Local Section
 - Nathan Yihe Ouyang, University High School, CA, Orange County Local Section
 - Gideon Tzafiri, Lexington High School, MA, Northeastern Local Section
 - Phoenix Wu, Seven Lakes High School, TX, Greater Houston Local Section

The first and second alternates are Yufei Chen (University High School, CA, Orange County Local Section) and Mingwen Duan (East Lyme High School, CT, Connecticut Valley Local Section). This year, the study camp was held at the University of Maryland, College Park. More information can be found in the [C&EN article](#), and updates can be obtained via social media with #USNCO.

Councilors and ACS Fall 2022 attendees are encouraged to attend the Undergraduate Research Poster Sessions, the Graduate and Postdoctoral Reception, and other [student programming](#).

SOCED continues to receive updates on special projects: [Lasting Encounters between Aspiring and Distinguished Scientists \(LEADS\) Conference](#); [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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Staff Liaison: LaTrease Garrison

M. Environmental Improvement

This Spring CEI began rolling out its new strategic plan focusing on our mission of “Chemistry for a Sustainability World” and sustainability is the heart of all the work we do on CEI. Our oceans plastic project is expanding to include plastics in all water streams. We are developing plans to better understand CEI’s role within environmental justice and equity and how to best focus the Committee’s efforts. We continue to develop concrete actions we can do to support the UN SDG’s, the backbone of the theme for our meeting in Chicago.

We are proud to serve as Fall 2022 MPPG Co-theme leads with the Division of Environmental Chemistry on “Sustainability in a Changing World”. This conference will feature over 34 interdisciplinary symposia highlighting chemistry and chemical engineering innovations toward sustainable technologies and development. Sample titles include: “Advances in Packing Recycling and Sustainability”, “Biocatalysts for a Sustainable World,” “Campus as a Living Laboratory for Sustainability,” and “Toward Resilient Ecosystems & Water-Food Security for Sustainable Development”.

The thematic programming will be kicked off with the plenary session on Sunday evening with talks from world leaders in the areas of Energy, Water, and Food, including the EPA’s Office of Environmental Justice and the Director of ACS’s new Office of Sustainable Development. Special Monday programming will bring to the forefront Green and Sustainable Chemistry solutions to Environmental Justice. Prior to and throughout the conference attendees and the chemistry community can participate in and Instagram campaign to “Tell Us Your UN SDG Story”. This fun activity will engage the scientific community in current and future actions needed for a sustainable future for all. All attendees are encouraged to participate throughout the meeting.

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N. Ethics

The ACS Committee on Ethics (ETHX) meets four times annually, with two formal meetings of longer format held during the ACS spring and fall meetings and two shorter working meetings that are held in between the spring and fall meetings. All meetings over the last year were conducted virtually.

The committee activities began early in January 2022 when ETHX and two other Society committees were tasked to consider a petition from a group of esteemed Society members to amend the ACS Constitution to include a statement declaring “Chemical professionals should not participate in or otherwise enable government-mandated executions”. The Ethics Committee held an ad hoc meeting on February 3rd to consider the request and, after considerable debate, members of ETHX voted unanimously to withhold support of the petition.

The committee held the first working meeting on February 3rd to identify ideas on how to increase (broadcast) awareness of ethics and the work of ETHX, how to liaise with other Society committees on programming activities, and how to improve the visibility of the Chemluminary Award for Sectional Activities, in Ethics. Among the more exciting proposals that developed were programming ideas to target the younger members of the Society who are at the more formative stages of their careers, such as students and early professionals, in areas such as research and publication ethics, and professional ethics as they pertain to nondisclosure and non-compete agreements and employment contracts. After the meeting, members of ETHX reached out to several relevant committees that have mutual interests in these areas of programming. On the topic of enhancing the visibility of the Chemluminary awards, the committee published promotional announcements in the Councilor News and Committee Alerts, and various other ACS local section newsletters including the New York/New Jersey Indicator. The committee received updates from members and former members of ETHX on their ongoing programming activities which included a February ACS webinar on ethics titled “Why You Need to Care about Ethics”.

At this February meeting, the committee was presented with an opportunity to reconsider the member’s petition to amend the ACS Constitution to include language that prohibits participation in government-mandated executions. The committee declined to reconsider.

The formal Spring ETHX meeting was held on March 13, 2022. Members spent considerable time reviewing the committee’s strategic plan which was drafted in 2019. There was general recognition that several of the goals in that plan, which was conceived before the COVID pandemic, were not achieved and that there was little forward movement. There has been considerable turnover in committee membership and the focus of the present committee has shifted. The committee reflected on new initiatives that could form the basis of a new strategic plan for the coming year.

The committee received reports from ETHX members who organized symposia for the ACS spring 2022 meeting hosted by CINF. The symposia on “Academic Integrity in the Classroom and the Laboratory in the Era of COVID”, featured speakers on “Effects of the COVID-19 pandemic on academic honesty”, while the symposia on “The Ethics and Equity of Open Access and Open Science” featured presentations on the analyses of altitudes, peer review process, citation practices, accessibility, and equity of open access. Additional workshops are being planned for the upcoming August 2022 Biennial Conference on Chemical Education to be held at Purdue University. The title of the workshop is “Creating activities to promote development of ethical standards for the chemical profession”.

Members discussed their recent efforts to liaise with other committees, including the Corporate Associates, the YCC and the Division of Chemistry and the Law. Potential initiatives include the possibility of drafting guidance for resume writing and what to look for in a job contract. There was considerable interest from the committee to offer a SciMix poster at the Chicago National meeting. Related to this last effort, the committee

agreed to set up a sub-team to pursue the concept of a “traveling” poster which could be used by various members at national or regional meetings. Members of the committee continue to contribute articles to the Celebrating Chemistry magazine. A couple of members described their participation in the POGIL project (Process Oriented Guided Inquiry Learning) supported by the NSF. They contributed articles, exercises and activities about the ethics in research and authorship.

The committee took on the task of updating the ETHX member’s handbook which had become dated since its issuance 3 years ago. A core group of members volunteered to create a working version of the handbook for use by the incoming 2023 committee. A discussion about updating the ETHX website led the committee to explore the possibility of engaging in a web designer and whether a more active social media platform would benefit ETHX and refresh the aesthetic appeal of this valuable ACS resource.

With an eye to fulfilling the ETHX charge in an ever-evolving society, the committee pondered the question of how ETHX can increase its relevance to the ACS. Members were challenged to not restrict ethics to the ACS but to consider its application to the larger chemical enterprise. In this regard, the importance of ethics is widely accepted and many of the committee’s programming efforts are well attended. Members advocated raising the profile of ETHX by fostering stronger ties to ACS leadership and working to increase greater alignment with the organization’s agenda.

At a working meeting on June 13, 2022, ETHX members received progress reports from committee liaisons, reviewed the updated member handbook, made improvements on the travelling poster, and canvassed for agenda for the Fall Chicago meeting. The committee applauds the members who are to present a poster at the Chicago meeting detailing new data collected over the last 5 years since the initial Survey Study of ACS Member’s knowledge and Needs of Research Ethics. In addition, a member of ETHX will be presenting a paper titled “Teaching Ethics and Assessment of Ethics Education” at the Henry Hill Award Symposium.

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 August 21st, using a hybrid format, at the Fall 2022 ACS Meeting in Chicago.

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Staff Liaison: Keri Travis

O. International Activities

In fulfillment of its duties and responsibilities to the Society, the 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.

Some notable highlights for IAC in the first half of 2022:

1. In May 2022, IAC member Tim Hanks led a mini ICSC Leadership Summit at the *ACS Research Conference: Chemistry and Chemical Engineering in MENA* in Doha, Qatar. Nineteen ACS members from ten ICSCs registered to attend. In addition, twenty-five students from ACS student chapters, or students interested in forming chapters, also registered. The Summit included presentations on: 1) the structure of the ACS and IAC; 2) a description of what chapters (ICSC and student chapters) are and what they do; 3) highlights of the highly active Qatar chapter; 4) engaging and motivating others; and 5) strategic planning. Additionally, an introduction to SciFinder-n was presented by Wesam AbuSaif of CAS. The participants, particularly the students, were highly engaged throughout the summit and they generated excellent ideas to share among themselves as well as feedback for the ACS.
2. Three regional calls for ACS International Chapters were held in June 2022. Officers from sixteen ICSCs, ACS staff, and members of IAC participated in these discussions. The purpose of these calls was to increase communication between ICSCs, as well as pinpoint issues chapters were experiencing on which the IAC could advise.
3. In Spring 2022, the IAC implemented its ICSC Liaison Program. The program assigns each international chapter up to two IAC member liaisons to encourage collaboration and expanded communication between these groups. The IAC liaisons will serve as a resource for advice if a chapter experiences challenges, and will distribute useful information to chapter leaders, such as grant opportunities and administrative reminders. As of June 2022, IAC has assigned seventeen liaisons to twenty-six ICSCs.

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P. Meetings and Expositions

The Committee on Meetings & Expositions (M&E) offers meeting experiences to strengthen ACS as a premier platform for the discovery and understanding of the chemistry enterprise. We have employed innovative communication technologies to create a new construct to deliver science effectively on a global scale with health and safety as the guiding principle.

M&E works collaboratively with DAC, MPPG, and the Division Program Chairs on meeting planning. Our focus is to implement improvements from lessons learned from meeting to meeting.

M&E Spring 2022 Meeting

At its Spring 2022 meeting, M&E approved two motions.

- Recommendation to increase the exhibit booth fees by 15% for the Spring and Fall 2023 exhibitions.
- Recommendation to present to the ACS Board of Directors for review and approval to host the following meetings in the noted cities during the associated dates.
 - Spring 2028: Orlando, Florida, March 12-16
 - Fall 2029: Boston, Massachusetts, August 19-23
 - Spring 2030: New Orleans, Louisiana, March 17-21
 - Fall 2030: Chicago, Illinois, August 18-22

ACS Spring 2022 Meeting

ACS Spring 2022 was a success. Held in hybrid, the 9,779 in-person attendees in San Diego March 20-24 alone, exceeded the 8,208 total final count for ACS Fall 2021 that was also hybrid. With the additional 3,539 virtual participants, the ACS Spring 2022 count of 13,318 puts it right in the middle of the final count for the last two fully in-person meetings, Spring 2019 (15,239) and Fall 2019 (11,961). The attendee population was global with 2,052 international participants representing 74 countries.

The platform offered multiple opportunities for participants to share knowledge on current trends in chemistry and learn about innovative concepts and tools.

Oral Sessions		Poster Presentations	
In-Person Only	406	In-Person Only	2774
Hybrid	376	Hybrid	N/A
Virtual Only	179	Virtual Only	582

101 networking events sponsored by ACS and divisions included social events, workshops, and Governance activities. Throughout the meeting, attendees gathered at the ACS Hub to play games, reconnect with friends, or simply relax.

Attendees embraced the return of the Expo featuring *Career Navigator Live!* New for San Diego was exclusive Expo Hall hours that did not compete with scheduled technical sessions. From 12:00 PM to 2:00 PM Monday-Wednesday, attendees were free to visit the Expo Hall to interact with exhibitors and see posters. Many attendees took advantage of the VR Experience sponsored by Nanome where they experienced looking at any type of molecular structures in 3D. 20 sponsors were included among the 120 companies that exhibited at ACS Spring 2022. One of the most popular booths was the ACS booth, which included the ACS Theater and ACS Store. The theater offered a full schedule of interactive and informational events and members flocked to the ACS Store where they bought an array of ACS-themed items and gifts and returned to the booth again and again to buy more.

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Many of the Presidential Events highlighted the meeting and represented the Society's vision for community engagement:

- *ACS KidsZone: A Presidential Outreach Event*, which featured 2021 Nobel Laureate David MacMillan
- The first-ever Presidential Zumba Session raised funds for the ACS Scholars Program and ACS Project SEED
- ACS President Wilson and NOBCCHE President Renā A.S. Robinson came together to sign the Chemistry Enterprise Partnership (CEP) between the two organizations

Also among the highlights was the National Awards Banquet & Ceremony, which marked the 100th Anniversary of the Joseph Priestley Award, received by Peter B. Dervan, Bren Professor of Chemistry, Emeritus, California Institute of Technology.

ACS Fall 2022

ACS Fall 2022 will be a platform for the soon to be chemists who are not quite finished with school to the highly credentialed seasoned Chemists from across the globe, to share and to discover trending topics across the chemistry enterprise. With the theme of *Sustainability in a Changing World*, the meeting experience will offer the same format as ACS Spring 2022, giving attendees multiple participation options—in-person, hybrid, 100% virtual, and on-demand during the meeting and available to registrants for two weeks post-live events. The more than 11,000 programmed oral and poster technical presentations will be complimented by a range of in-person and virtual networking events. Members can now [register](#) and book their [hotel](#).

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. The well attended webinar, *Outreach Programming Opportunities at your RM* held in February introduced regional and local section leaders to the new [NeXus Regional Meeting Grants](#), sponsored with funding from ACS President-Elect Judy Giordan, which can provide up to \$2000 per 2022 regional meeting.

The two regional meetings held to date, Middle Atlantic Regional Meeting (MARM), June 1-4 in Ewing, NJ, and Central Regional Meeting (CERM), June 7-10 in Ypsilanti, MI were both in-person. The unaudited attendee count for the two meetings is 791 and 369, respectively. Planning is underway for the remaining six regional meetings to take place this Fall:

- Northeast Regional Meeting (NERM), October 2-5 in Rochester, NY
- Midwest Regional Meeting (MWRM), October 19-21, Iowa City, IA
- Southeastern Regional Meeting (SERMACS) October 19-22 in San Juan, PR
- Western Regional Meeting (WRM), October 19-22 in Las Vegas, NV
- Rocky Mountain Regional Meeting (RMRM), November 4 in Albuquerque, NM
- Southwest Regional Meeting (SWRM), November 6-9 in Baton Rouge, LA

Each meeting website can be accessed from the [ACS Regional Meetings webpage](#).

M&E kicked off the specialty meetings with the 2022 Leadership Institute, which was moved to May 20-22 in Atlanta. This fully in-person event was well attended with representation from all of the ACS regions.

The 26th Annual Green Chemistry & Engineering Conference (Reston, Virginia, June 6-8, 2022) was a hybrid experience allowing presenters and attendees to participate in-person or virtually via the online conference platform. The full breadth and depth of the 2022 theme, *Thinking in Systems: Designing for Sustainable Use*, was presented in a daily keynote address and a block of seven concurrent sessions each morning and afternoon. Also built into each day was multiple networking events. The meeting had a total of 859 attendees, 535 in-person and 233 virtual.

Planning is underway for several other meetings to take place during the second-half of the year, including the CTO Summit and Heroes of Chemistry, both to take place in Washington, DC on September 29. M&E will close out 2022 with the Atlantic Basin Conference on Chemistry (ABCCChem) December 13 – 16 in Marrakech, Morocco.

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Q. Minority Affairs

The Committee on Minority Affairs (CMA) was organized in 1993. Our Mission, updated in the 2019 strategic plan, is to advance 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 22 members and associates 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. ACS Scholars

Our goals are to:

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; and
3. Enhance shared expertise in effective diversity, equity, and inclusion content and act as a resource to stakeholders.

After the successful Spring 2022 symposium in honor of Dr. Bettye Washington Green, CMA is excited to host a Fall 2022 symposium to honor the legacy of Dr. Marie Maynard Daly, the first African American woman to earn a Ph.D. in Chemistry in the United States. This coincides with celebrations of a new National Historical Chemical Landmark being established in her honor at Columbia University. This collaborative event will start with the Division of Biological Chemistry's technical symposium at 8:00 a.m., followed by the CMA Luncheon from 12:00 p.m. – 1:30 p.m. (ticketed event; doors open at 11:30am), and wrapping with an afternoon technical session hosted by the Analytical Division starting at 2:00 p.m. All events will be held at the **Marriott Marquis Chicago on Monday, August 22**. The CMA Luncheon will be the first held since Fall 2019, and Dr. Ann Kimble-Hill (former CMA Chair) will serve as the keynote speaker. All are welcomed and encouraged to attend.

CMA continues its support of ACS investment in our future chemists via the Pfizer Travel Award. Ten additional undergraduate and graduate students are being selected to attend and present at the ACS Fall 2022 meeting. We encourage you to meet the award recipients during the Diversity Reception on Sunday, August 21st at 5:00 p.m. in the Sheraton Grand Riverwalk Hotel.

At the regional level, CMA is organizing and financially supporting two symposiums during the 2022 Southwest Regional Meeting (SWRM) in Baton Rouge, LA; namely the *Stan Israel Symposium: How to Foster Diversity and Inclusion* and *Making Strides in Shifting Paradigms within Chemistry Education Research and Practice*. During this fall's Southeast Regional Meeting (SERMACS) in Puerto Rico, we encourage attendees to look out for the symposium, *Leveraging Diversity and Inclusion for Educational Excellence*. The event will discuss important topics related to Diversity and Inclusion through panel discussions and dialogue on critical issues affecting higher education, such as retention and student success of underrepresented students, and unconscious bias.

Looking towards 2023 events, CMA is planning a full day symposium in cooperation with the Women's Chemists Committee to highlight women of color entrepreneurs in chemistry. In addition, we are working with the Committee on Chemists with Disabilities (CWD) and the Cellulose & Renewable Materials Division (CELL) to highlight the work of underrepresented and historically excluded chemists in that discipline. We also plan to co-sponsor a Nanoscience symposium followed by a special issue in the journal *ACS Nano* highlighting underrepresented chemists working in that discipline.

The committee encourages you to work with your local CMA groups and reach out to our committee for collaborative opportunities. Please continue to spread the word to chemistry undergraduates about the ACS Scholars Program, volunteer to mentor an ACS Scholar, volunteer to your local section to host/mentor a SEED student in your research lab, or feel free to donate to both programs. We continue to work towards achieving our goals of a broader and more inclusive American Chemical Society.

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Michell Anstey

Shanadeen Begay

Barbara Belmont

Comfort Boateng

Raychelle Burks

Amina El-Ashmawy

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Navneet Goyal

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Michael Greenlief

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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 patents and other important intellectual property (IP) issues. In recent years, there has been significant discussion in the innovation and IP communities about diversity in innovation, and an under-representation of diverse inventors that exists, relative to their representation in their technical fields.¹

At our Spring 2022 Meeting, CPRM discussed its role in this issue at length by considered its four focus areas: educating ACS members about intellectual property (IP) issues important to the chemical enterprise, monitoring legislative and regulatory developments influencing IP, disseminating information about the role of sponsored research and technology transfer, and nominating chemists and chemical engineers for national awards. Each of our areas of focus are meaningful to address the inventorship gap.

CPRM seeks to be a resource to ACS about IP issues, and our members are active in educating the society about intellectual property generally (and patents specifically). Moreover, the role of technology transfer within academic institutions or federal labs is clear, and CPRM seeks to educate about this role so that we can demystify the process. With respect to IP education in general and more specifically pertaining to technology transfer for sub-groups of the society, our committee members regularly speak about IP at symposia, and the committee also publishes written resources like “What Every Chemist Should Know About Patents.”² These education opportunities are particularly important for individuals who have not ever been inventors. CPRM welcomed a visitor from YCC during the Spring 2022 Meeting and took the opportunity to talk about how to educate younger and early career chemists about IP issues to reduce the number of missing inventors due to lack of IP education.

CPRM monitors legislative and regulatory developments, including the enacted Study of Underrepresented Classes Chasing Engineering and Science Success Act of 2018 (or the “SUCCESS Act”) and the pending Inventor Diversity for Economic Advancement Act of 2021 (or the “IDEA Act”).

CPRM’s last area of focus concerns several national awards. CPRM recommends nominations of chemists for the National Medal of Technology and Innovation, the National Inventors Hall of Fame, and the National Women’s Hall of Fame, highlighting and acknowledging the intellectual property contributions of chemists and others working in the chemical enterprise. We strive to nominate diverse chemists as part of our process. We appreciate that for many individuals, being able to see people of similar backgrounds among some of the leading innovators in our country may allow those individuals see and achieve their own potential. 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 inducted into the National Inventors Hall of Fame.

¹ The World Intellectual Property Office and the US Patent & Trademark Office (USPTO) investigated the percentage of women inventors among all inventors (that is, the ratio of women inventors named on issued patents relative to all inventors) using a name-based attribution algorithm and found that the percentage of women inventors is substantially lower than women’s education and employment as scientists and engineers. For example, USPTO reports that within chemistry-related patents, women made up approximately 18% of the inventors from 2007–2016. See <https://www.uspto.gov/sites/default/files/documents/Progress-and-Potential-2019.pdf> Thus, while an increase in the pipeline of diverse scientists and engineers enables excellence, innovation, and transformative action by current and future generations of scientists and engineers, these efforts alone may not be enough to reach parity in inventorship or the full potential of innovation.

² <https://www.acs.org/content/acs/en/about/governance/committees/patents.html>

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However, the work of CPRM can only go so far. It will take many more society members' (and their employers') engagement on this issue to have a meaningful impact in the chemical sciences. There are many things that society members can do as individuals, including the following:

- For local sections holding outreach events, consider recognizing patents and inventors at your event.
- For those judging science fairs, consider talking about patents with the youth whose projects you are judging.
- Consider helping local scouts earn innovation-related badges or patches.
- Attend symposia on patents, including those held by the ACS Divisions of Chemistry and the Law and of Small Chemical Businesses, so that you can better understand the patent process, whether for your own ideas or to encourage those with whom you work that they have an idea worth protecting.
- If you are aware of diverse innovators whom we should consider for the awards mentioned above, please share their names with CPRM.
- For those who are patent holders, consider talking about the patent process at your institution, particularly with those from underrepresented groups, and be their patent mentor.
- Last, ask your institution or organization what steps they are taking to address this issue—and be prepared to educate them that it is an issue.

As CPRM continues to consider how we and ACS may be able to meaningfully impact the number of years before parity in inventorship is reached, we also encourage ACS members to give more thought as to how to best engage underrepresented groups as innovators now and in the future.

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

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Joonhyung Cho
Andrew Coates
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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.

Approval and Review Statistics: Since our last report in January 2022, CPT met in person at the ACS spring meeting in San Diego. The committee reviewed 63 periodic reports from institutions interested in continuing their ACS Approval. Of those 63 reports, 45 (71%) met the ACS Guidelines for Approved Programs and their approval was continued. Nine reports (14%) were returned for additional information, while another 9 (14%) were found to be non-compliant. Applications from two institutions interested in obtaining ACS Approval were reviewed by a subset of committee members, who met with institutional representatives. Both institutions were moved forward to site visits, which will occur once classes are back in session in the fall.

Figure 1 (below) illustrates the typical workload for CPT over the past 5 years. After a suspension of periodic reports in 2019 to accommodate the installation of a new reporting system, the number of reports reviewed by CPT members increased slightly from those prior to the suspension. The number of reports reviewed stayed consistent during the pandemic. Overall, over the past 5 years, approximately 73% of programs received a continued approval upon review of their report.

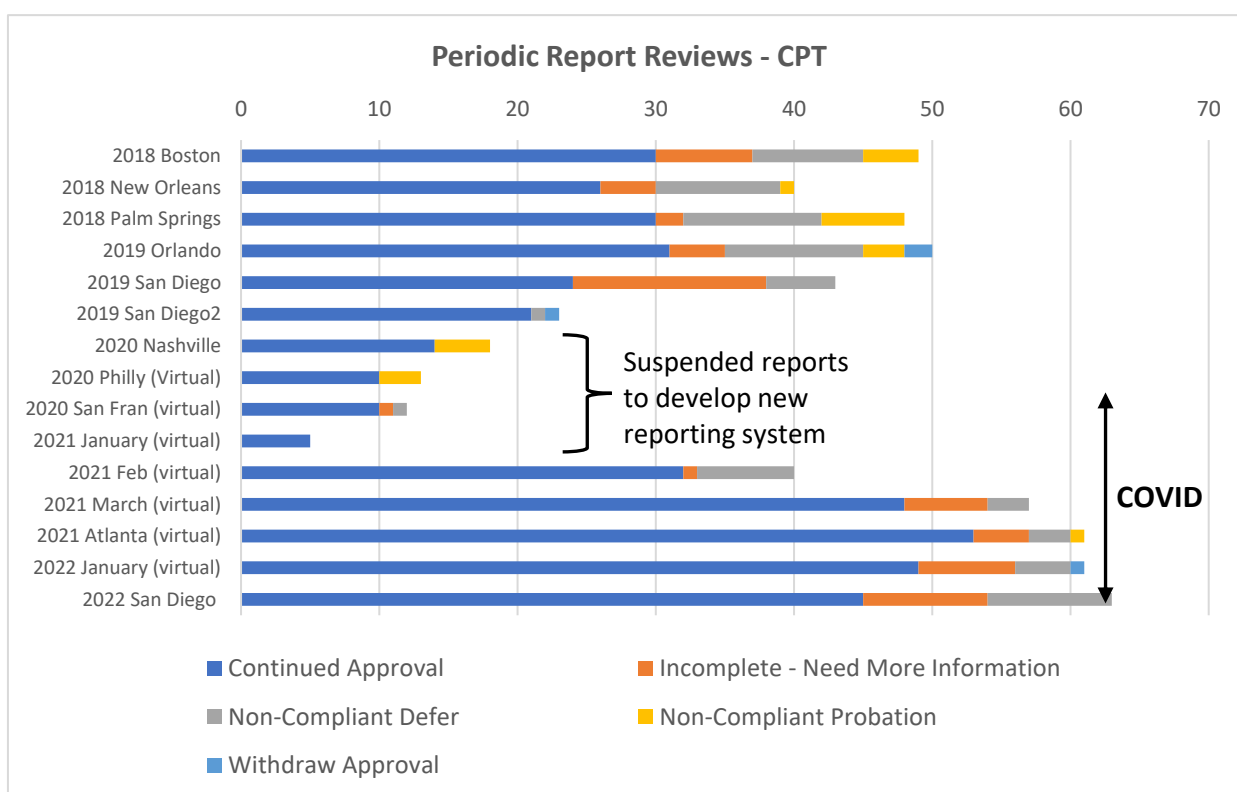


Figure 1: The number of periodic reports reviewed by members of CPT over the previous 5 years. The figure also shows the relative number of outcomes from those reviews.

Chairperson Luncheon: The return to an in-person meeting included a revival of the chairperson luncheons. Approximately 50 department chairs met with members from CPT to discuss their successes and challenges the ACS Guidelines. Discussions about cognate courses, laboratory experiences, and general chemistry reform took center stage and provided some rich content for discussion in Chicago.

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Figure 2: Sample electronic credential earned by students completing the ACS Approved curriculum.

Electronic Badging: Students that complete the curriculum that has been approved by ACS are eligible for certified degrees. Students that earn these degrees receive a certificate of achievement from the ACS celebrating their success. For the 2022 spring commencements, we've begun a pilot program to offer these students an electronic badge that celebrates their accomplishment. This digital credential can be displayed, accessed, and verified online. Currently, we have issued almost 1000 badges, with over half of them being viewed and shared. Figure 2 illustrates an example of the badge (note that this is not an "active" badge).

Natural Disaster and Emergency Guidelines: 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. The adjustments to the guidelines have been extended to June 30, 2022, and at that time, the new Natural Disaster and Emergency Guidelines will take their place. The goal of the new policy is to ensure that:

- Chemistry majors can flexibly receive training that prepares them for a successful career,
- Chemistry majors do not extend their graduation time,
- Programs offering bachelor degrees in chemistry have the flexibility to continue their pursuit for sustained academic excellence, and
- Programs return to in person laboratory experiences as soon as emergency conditions have passed.

Scott Reid, Chairperson
Gregory A. Caputo, Vice-Chairperson

Néstor M. Carballeira
William F. Carroll
Gina Frey
Kimberley A. Frederick
Jani C. Ingram
Susan M. Kauzlarich
Sunghee Lee

Cora E. MacBeth
Ashley Mahoney
Lisa McElwee-White
Maureen Ngoh
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Joseph J. Provost

Staff Liaison: Michelle M. Brooks

T. Project SEED

Summer Programming Activities: Summer 2022 for Project SEED marks a return to in-person research programs for the first time since Summer 2019 due to the pandemic. In fact, many eligible high school students applied to the program this year, and the local Project SEED sites were able to mentor 273 eligible high school students. This is an immediate return to the participation numbers we saw prior to the start of the global pandemic. Moreover, a new “onboarding” feature was added that allowed for synchronous and asynchronous training of the on-site students in a remote environment and was developed and delivered by the ACS Project SEED Staff team. In addition to the excitement that is being felt by the students, mentors, and coordinators in the “traditional” Project SEED format, we are energized that two new offerings, developed because of the pandemic, are now fixtures of the Project SEED summer program.

The first of these new programs is the Virtual Research Program offering. Much like the traditional in-person research experience, this effort allows students to perform chemistry research for 8-10 weeks guided by a mentor. Inspired by our Virtual Research Pilot in Summer 2021, this program allows students from across the country to connect with mentors in a remote manner for high school students that are unable to travel to a physical research site. The second program is a 2-week Virtual Summer Camp that affords students the opportunity to gain a flavor of chemistry education outside of the classroom, but without the 8-week commitment of the in-person or virtual summer program.

Committee Meeting Activity: The committee continued to implement best practices learned during the heart of the pandemic. In this way, each of the four subcommittees met on a regular basis (i.e., once every 1-2 months), and the subcommittee chairs and co-chairs, strategic plan managers, and the committee chair met quarterly. Currently the subcommittees are executing all standard operating plans and launching strategic growth objectives, and these efforts are progressing nicely. Moreover, the committee ensured that the goals of the Project SEED Strategic Plan were moving forward. The majority of these objectives have been achieved and remaining endeavors will be completed by the end of 2022. The committee will be holding an Open Meeting at the ACS Fall meeting to gather current and prospective mentors and coordinators. Please consider joining on Sunday, August 21, at 9:00 a.m. CT. More mentors and coordinators are needed to accommodate all of the interested students. Please contact projectseed@acs.org if you are interested in joining the open meeting and/or contributing to this valuable program.

Scholarship Activity: This year, 37 Project SEED students were awarded a one-year scholarship, and an additional 4 were selected for renewable scholarships, totaling \$250,000 total. The renewable Loconti Scholarship was awarded to Afton Fults, who will be attending Rice University and majoring in Chemistry and Sports Medicine.

Results of the Pilot Outstanding Project SEED Mentor Award: In lieu of the ChemLuminary award for an outstanding Project SEED site, the committee piloted a Mentor Award. Two mentors were awarded the honor in the initial year, and these individuals were Professor Arthur Tinoco from the University of Puerto Rico, Rio Piedras and Professor Victoria Volkis at The University of Maryland – Eastern Shore. Each outstanding mentor was awarded a \$500 prize and a plaque.

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Peggy S. Biser
Maria Bohorquez
Michael T.H. Cheng
Omar E.Christian
Zachary S. Davis

Steven A. Fleming
Miriam Gulotta
John W. Hartman
Javoris Hollingsworth
Kimberly M. Jackson
T.Angele Kwimi
Susanne M. Lewis
Ajay V. Mallia

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Kevin Pate
Judith F. Rubinson
Emily A. Smith
Aimee L Tomlinson
Don L. Warner
Kristopher V. Waynant

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Edward R. Fanick
Isai T. Urasa

Staff Liaison: Nancy Bakowski

U. Publications

The Society Committee on Publications (SCOP) met and discussed the following:

The committee elected Jessica Hoover as vice-chair, who will serve in that capacity from March 18, 2022, to December 31, 2022.

The journal monitoring reports for *Accounts of Chemical Research*, *ACS Medicinal Chemistry Letters*, *Industrial & Engineering Chemistry Research*, and the ACS Applied Materials portfolio, which includes *ACS Applied Bio Materials*, *ACS Applied Electronic Materials*, *ACS Applied Energy Materials*, *ACS Applied Materials & Interfaces*, *ACS Applied Nano Materials*, and *ACS Applied Polymer Materials* were presented, discussed thoroughly, and accepted with thanks. The next publications to be monitored in August 2022 are *ACS Biomaterials Science & Engineering*, *ACS Infectious Diseases*, *Chemical Reviews*, *Journal of Chemical Information and Modeling*, and *Organic Process Research & Development*.

The Division President presented an overview of the ACS Publications Division's operational highlights for 2021, strategic priorities for 2022, and the current publications landscape regarding the Ukraine-Russia War.

Staff encouraged the committee to review *ACS Axial* for additional highlights.

Christopher K. Ober, Chair

Anthony W. Addison
Frank D. Blum
Paula Diaconescu
David A. Dixon
Rigoberto Hernandez
Jessica M. Hoover
Xiaosong Li

Robert E. Maleczka
Gary B. Schuster
Steven L. Tait
Gregory N. Tew
Michael S. Wong
Liangli (Lucy) Yu

Associate
Judith Currano

Staff Liaison: Debra A. Davis

V. Science

This report updates the Council on the Committee on Science's (ComSci's) activities since the Fall 2021 ACS National Meeting.

ComSci met in a hybrid format on Saturday, March 19 from 11:30-3:30 PM ET and will meet in person in Chicago on Saturday August 20 from 8:30 AM to 4 PM.

The Science and Technology (S&T) Subcommittee organized two symposia at the Spring 2022 National Meeting: *Connecting Chemistry in the Americas* and *Doing Chemistry in the 21st Century: Integrating Sustainability and Data Science into Chemistry Education*. For the Fall 2022 meeting, S&T will cosponsor the following symposia with the indicated technical divisions:

- *Federally Funded Research for Polymer Circularity* (POLY)
- *Environmental Justice: Achieving Global Equity through Green and Sustainable Chemistry* (ENVR)
- *Systems Biology & Mass Spectrometry* (ANYL)
- *Emerging in Vitro Gut Models for Understanding Nutrient-Microbiome Interactions* (AGFD)

This reflects a change in how S&T would like to approach programming at national meetings, where greater emphasis is put on collaborating with technical divisions rather than ComSci focusing on "stand-alone programming." S&T also continues to explore how it can build on the success of the Frontier Friday programs sponsored by ComSci in the summer of 2021 prior to the Fall National Meeting. Finally, members of ComSci are working to organize several webinars for ACS members between now and the end of 2022.

During the spring 2022 meeting, the committee spent time discussing two recent documents from the National Science Board, Vision 2030 and "US is Keystone of Global Science and Engineering". A significant part of the Fall 2022 meeting will be an extended discussion with Dr. Jitesh Soares, Director of Scientific Advancement for ACS, on his goals and priorities for the Scientific Advancement Division. Much of that discussion is likely to focus on the new ACS initiative on sustainability as well as considering this work in light of the two National Science Board documents the committee examined in the spring.

The Public Policy Subcommittee provided feedback to the Board Public Affairs and Public Relations Committee on the ACS Public Policy Priorities document that will be revised this year. Public Policy also reviewed the Forensic Science policy statement that expires this year and determined that ComSci should concur in the staff recommendation to the Board that the statement be extended for three years. Finally, ComSci responded to a request from the Committee on Environmental Improvement (CEI) to provide feedback on the draft of a revised policy statement on climate change.

The Awards subcommittee submitted to the Board Professional and Member Relations Committee the name of a potential ACS nominee for the Grand Prix de la Fondation de la Maison de la Chimie, which is awarded biennially in even years. The suggestion was approved by P&MR and the nomination was submitted this spring. ComSci is in the process of revising its process for soliciting suggestions of names to consider for external award nominations. The revision will be implemented for the first time later in 2022 and responds, in part, to feedback from P&MR.

The committee has also spent time this year discussing how we might become more effective at recruiting new and younger members. This topic will continue to be something ComSci gives attention to for the next several years.

Departing members will be recognized for their service to ComSci over a period of many years. The committee was also saddened to learn of the passing of longtime member Rudy Baum in the spring.

Matthew A Fisher, Chair

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Society Committee Reports

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

Robin J. Hood
Young-Shin Jun
Martin G. Kociolek
James D. Kubicki
Laura L. McConnell
Carl Picconatto
Lewis Whitehead

Divisional Representatives

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Michael J. Morello
Seth C. Rasmussen
Jenifer C. Shafer
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Mitchell R.M. Bruce
Vanda Glezakou
Mary Beth C. Koza
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Consultant

Judith L. Benham

Staff Liaison: Raymond J. Garant

W. Senior Chemists

The Senior Chemists Committee (SCC) hosted a one-hour virtual committee meeting on January 26, primarily to open the year and to welcome new members. A full two-hour virtual SCC meeting was held on March 14 to review committee business and hear reports from the subcommittees. On March 20, the SCC and YCC hosted an in-person “Networking with Chemistry Professionals & Students” event at the ACS 2022 Spring Meeting. The event was very successful with over 140 attendees. A virtual networking event is planned for September 18. Also, during the ACS 2022 Spring Meeting, the SCC co-sponsored a “Planning for Retirement” symposium with P&MR and SCHB and a memorial symposium, “In Memory of Jane Veazey Thomas”, to honor a former SCC member. A “Chocolate Chemistry” themed virtual “coffee hour social” was held on March 29th. The Keynote speakers were Cordelia Running, an assistant professor in Nutrition & Food Science at Purdue University, and Matt Hartings, an associate professor of Chemistry at American University and author of Chemistry in Your Kitchen.

The SCC continues its initiatives in support of the ACS strategic goal and Core Value of Diversity, Equity, Inclusion, and Respect (DEIR). The “Great Connections” program which debuted in 2021, will continue in 2022 with the hopes to expand the audience. This program was established to develop “kid friendly” chemistry activities to inspire underrepresented students to pursue science. The “[Campaign to Support the ACS Scholars Program](#)” was very successful in 2021 and continues to be promoted on the SCC website.

A Nomination for the ACS 2022 Fellow Program was submitted by the SCC and three local sections were selected to receive the SCC ChemLuminary Awards this year – two for the Best New Senior Chemists Activity and one for the Best Continuing Senior Chemists Activity. The SCC received three applications for its Mini-Grant Program for Local Sections; all were approved for funding. The committee also received four applications for the new Senior Chemists Committee Diversity, Equity, Inclusion and Respect (DEIR) Grant. At the time of this report the applications for the DEIR grant are still being reviewed.

For many younger chemists, participation in governance is their first experience in ACS leadership beyond the Local Section or Division level. The SCC and the Young Chemists Committee (YCC) will continue in 2022 the Co-Mentorship Program where both committees have identified ways to contribute value to mentoring relationship. The program was initiated in 2021 with a survey, consensus on guidelines, co-mentoring assignments, and introductions.

Engagement with senior chemists at the local level continues to be strengthened. The SCC will lead and/or participate in activities at several ACS Regional Meetings in 2022, including at CERM, NERM, SERMACS, and potentially others.

The summer issue of the Newsletter for Senior Chemists will be released in July.

Activities planned for the Fall ACS Meeting in Chicago include a full SCC meeting, a SCC Breakfast with guest speaker Dr. Jacob Bean (University of Chicago) who will talk about the James Webb Space Telescope, participation in the Exposition, and a symposium entitled “A Brief History of Three ACS Pioneers” co-sponsored with the SCHB to honor the memory of the first three chairs of the SCC.

Robert A. Yokley, Chair

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Lawrence J. Berliner
Merle I. Eiss
Warren T. Ford
John C. Freeman

Lynn G. Hartshorn
Norman W. Henry III
Valerie J. Kuck
Milton Levenberg
Adriane G. Ludwick
E. Gerald Meyer

Anne T. O’Brien
Joshua A. Obaleye
Mary Virginia Orna
Isiah M. Warner
Anna M. Wilson

ITEM VII, W
Society Committee Reports

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Kathleen Gibboney
E. Ann Nalley
Son N. Nguyen
Frank Romano

Consultant

Arlene A. Garrison

Staff Liaison: Graham Tiller

X. Technician Affairs

The ACS Committee on Technician Affairs (CTA) Fall meeting will be held on Sunday, August 21, 2022 from 1:00 pm to 5:00 pm CT in the hybrid format. During the Spring, the committee met virtually on March 13, 2022 with a shortened agenda.

CTA awarded the 2022 National Chemical Technician Award to Mr. Matthew Russell, Sr. Technologist of the Small Molecule Discovery & Development (SMDD) of Corteva™ agriscience. Matthew's accomplishments will be highlighted in a C&EN article, CTA and ACS social media channels, and the ACS Industry Matters newsletter. The committee selected and recognized the Midland local section as the recipient of the "Best Event or Activity Organized by, or Benefiting, the Applied Chemical Technology Professional Community" 2022 ChemLuminary Award this past December. The Mid-Michigan Technician group invited chemical technology and ACS students from local universities to a networking lunch and tour of Dow's Research and Development (R&D) Campus. Included were presentations, outreach, networking events, and demonstrations regarding chemical technicians. Tiffany Rynearson, Latent Print Examiner at the San Diego County's Sheriff Department was the recipient of the CTA Leadership Development Course Award.

The Professional Development Subcommittee is completing a mentee playbook to be provided as a resource for students and applied chemistry technical professionals. The mentee playbook acts as a supplemental resource to traditional mentor resources, providing best practices for mentees in building and maintaining the professional relationship. The document provides timelines, tips on establishing goals and outcomes, recommendations for conversations, additional resources, and dos and don'ts.

At the Fall 2022 meeting, CTA will host 2 symposia: Stories from the Bench and Field: Research from Chemical Technical Professionals will be a platform for chemical technical professionals working in the chemical enterprise to showcase their contributions to the chemistry field. The purpose of this symposium is for chemical technical professionals to share their successes and challenges in research & development, quality control, and other vital technical roles. Sustainable Practices at the Bench will be a platform for chemical technical professionals working in the fields of sustainability, green chemistry, and environmental, to showcase their contributions to sustainability in the chemical enterprise.

CTA held a strategic planning session at the Washington DC ACS headquarters April 20-22, 2022. Attendees were selected to ensure a synergistic mix of subcommittee members, experience levels as ACS volunteers, and professionals. Outcome for goals and strategies are as listed:

- Goal 1: Create, Identify and Disseminate Tools for Professional Development
- Goal 2: Highlight Accomplishments of CTPs through Awards and Recognition
- Goal 3: Outreach to Stakeholders Inside and Outside ACS

CTA is currently seeking nominations for the Leadership Development System Course Award, ACS Chemical Technology Student Award, CTA/YCC Leadership Development Award, and the 2023 National Chemical Technician Award (NCTA). The awards are a way to recognize the outstanding career achievements of exceptional chemical technical professionals. The upcoming NCTA Award deadline is September 30, 2022.

Please visit www.acs.org/cta, join our LinkedIn group: ACS Committee on Technician Affairs (CTA) and follow us on Twitter @cta_acs for more information on how to connect with CTA, programming, and awards.

Erin Dotlich, Chair

ITEM VII, X
Society Committee Reports

Kathy S. Clear
Daniel A. Fonseca
Bryan K. Franklin
N. Eric Huddleston
Kara M. KasaKaitas
Jan E. Kolakowski
Carol B. Libby
Jennifer R. McKenzie

Aida Melendez
L. Zane Miller
John G. Palmer
Scott A. Schlipp
Jeff Seifferly
Mark A. Thomson
Bridget Woolley

Associates
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Prashant Prabhu
Michelle Rivard
Annemarie D. Ross

Staff Liaison: Alvin Collins

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.

This year, the WCC celebrates its 95th anniversary. The WCC started in 1927 under the leadership of Mrs. Glenola B. Rose. Initially called the Women's Service Committee, the WCC actively has promoted and advocated for women.

The following action items have been implemented by the WCC since the Spring ACS Meeting.

1. **2022 Overcoming Challenges Award Winner:** WCC congratulates Riley Atrops, winner of the 2022 Overcoming Challenges Award. Riley received her Bachelor of Science degree in Biochemistry from California State University Channel Islands in May 2022. In her application, she shares "science saved my life and I hope that with my hands as its tools, it will come to save countless more."
2. **WCC Luncheon:** ACS President Angela Wilson spoke at the WCC Luncheon on Tuesday, August 23rd. This luncheon provided an opportunity to reflect on WCC's legacy and celebrate its future. The 2022 Overcoming Challenges Award winner and the Merck Research Award winners were acknowledged at this event.
3. **Merck Research Award Symposium:** The WCC sponsored a half-day symposium celebrating the eight 3rd and 4th year graduate student winners of the Merck Research Award on Sunday, August 21st. Besides receiving a monetary award, these students were provided a Merck mentor who offered career advice. Following the symposium, a private luncheon was held with the winners, Merck mentors, and some WCC executive committee members.
5. **Past WCC Award Winners in Organic and Medicinal Chemistry:** Past winners of the Eli Lilly Travel Award and Merck Research Award presented at an all-day symposium, cosponsored with the Division of Organic Chemistry, on Wednesday, August 24th. These individuals spoke about their current research and how the award impacted their careers.
6. **10th Anniversary of Rising Star Award Symposium:** Past winners of the Rising Star award presented at an all-day symposium on Monday, August 22nd, cosponsored with the Division of Organic Chemistry.
7. **Celebrating 95 Years of the WCC (Women Chemists Committee) Symposium:** Past WCC chairs and a past ACS President spoke about programs that the WCC undertook over the past 95 years, including implementing new awards, advocating on issues of important to women, and developing symposia. To end the symposium, the current Chair discussed the future of the WCC.
8. **Strategic Planning Retreat:** The WCC held its strategic planning retreat from June 25-26 in Albuquerque to update its vision, mission, goals, and projects. Discussion and approval of the strategic planning retreat results is ongoing.
9. **Update of WCC Website:** The WCC website has been updated to fix outdated programming, update pages, and highlight women's accomplishments.
10. **WCC Mini-Grant Award Program:** To encourage local sections to celebrate WCC's 95th anniversary, the committee is offering ten-\$100 mini grants to local sections, student chapters, and international sections to hold symposia focusing on women. The deadline for submission for the grant is November 1, 2022.

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

Amy M. Balija, Chair

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Danniebelle N. Haase
Stephanie Hare
Maureen A. Kane
Lisa K. Kemp

Lisa A. Marcaurelle
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Mary Jane Shultz
Despina Strong Gloria Thomas
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Ean Warren

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Stephanie Davis
Indu Kheterpal
Cristina Padilla-Cintron
Madalyn Radlauer

Katherine Ann Rubino
Linda Shimizu
Ann M. Sullivan
Lorilee P. Valientes

Staff Liaison: Semora Smith

Z. Younger Chemists

Since the spring National meeting, the YCC continues to make progress towards our 2022 goals. At the end of April, YCC and the Senior Chemists Committee (SCC) marked the start of the second year of the co-mentoring program. New mentors and mentees were paired based on a detailed questionnaire accounting for professional interests, ACS experiences, and survey insights from the past year.

In May, we hosted our second annual Virtual Local Section Leadership Summit with significant attendance of our local section young chemist leaders to discuss recruitment and retainment of younger members, programming ideas, and how the national YCC can support their goals. Additionally in May, YCC facilitated the Younger Leaders Track of the ACS Leadership Institute. We awarded financial support to 15 early-career chemists, including graduate students, postdoctoral scholars, and young professionals, to give them the opportunity to attend and engage in ACS courses and networking activities.

The YCC will host a hybrid committee meeting on Saturday, August 20th. Our open session will take place at 2:30 PM CT in Ballroom 1 at the Sheraton Grand Chicago Bayfront and online. The YCC will be hosting three symposia at the Fall National ACS Meeting in Chicago. Two symposia focus on the nuances of obtaining your first job in either government or industry sectors: “How to get your First Government Job” and “How to get your First Industrial Job”, will provide a wide range of speakers with different backgrounds in areas of chemistry, work environment, geographical location, and the path that the speakers took to get to their current positions. After individual talks, both sessions will have panel discussions with the presenters to answer any questions from the audience. The third symposium titled, “Real Talk: Young Chemist & Mental Health,” will highlight how to navigate your career path as a young chemist while maintaining a healthy and positive mental state in the format of a panel discussion. We are also excited for the return our annual Fun Run to the ACS Meeting after a 3-year absence.

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 visit our website (<https://acsycc.org/>) to stay up to date on our activities.

Katherine R. Johnson, Chair

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Joseph D. Houck
John Kelly

Felicia R. Lucci
Jana Markley
Logan T. Miller
Chris Miller
Yuzki Oey
Stephanie K. Ramos

Marisa B. Sanders
Jennifer Schmitt
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Elana M. Stennett
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