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AMERICAN CHEMICAL SOCIETY

Council Agenda

**Wednesday, March 21, 2018
8:00 AM**

Grand Ballroom A-D

Hilton New Orleans Riverside Hotel

New Orleans, Louisiana

COUNCIL
 AMERICAN CHEMICAL SOCIETY
 8:00 A.M., March 21, 2018
 Grand Ballroom A-D
 Hilton New Orleans Riverside Hotel
 New Orleans, Louisiana

AGENDA

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DRAFT
MINUTES
COUNCIL
AMERICAN CHEMICAL SOCIETY
August 23, 2017
Washington, District of Columbia

The Council of the American Chemical Society met in Washington, District of Columbia, on August 23, 2017, beginning at 8:00 a.m. Allison A. Campbell, President of the Society and of the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives were present:

Ex-Officio: John E. Adams, Christina C. Bodurow, Allison A. Campbell, William F. Carroll, Jr., Charles P. Casey, Pat N. Confalone, Thomas M. Connelly, Jr., Peter K. Dorhout, Ned D. Heindel, Rigoberto Hernandez, Catherine T. Hunt, Nancy B. Jackson, Paul W. Jagodzinski, Thomas H. Lane, Lee H. Latimer, Flint H. Lewis, Ingrid Montes, E. Ann Nalley, Donna J. Nelson, Attila E. Pavlath, Laura E. Pence, Dorothy J. Phillips, Barbara A. Sawrey, Diane Grob Schmidt, Kathleen M. Schulz, Bassam Z. Shakhshiri, Edell Wasserman, Marinda Li Wu.

Bylaw: Lawrence Barton, Frank D. Blum, Robert L. Lichter.

Divisions: *Agricultural & Food Chemistry*, Michael Appell, John W. Finley, Michael J. Morello, Agnes M. Rimando. *Agrochemicals*, Rodney M. Bennett, Jeanette M. Van Emon. *Analytical Chemistry*, Kimberly Agnew-Heard, Karl S. Booksh, Roland F. Hirsch, Anis Rahman*. *Biochemical Technology*, Arindam Bose, Cynthia H. Collins, Sadettin Ozturk, Sharon P. Shoemaker. *Biological Chemistry*, Keri L. Colabroy*, Wendy L. Kelly, Robert E. Minto*, Andrew S. Murkin, Coran Watanabe. *Business Development & Management*, Janet L. Bryant. *Carbohydrate Chemistry*, Anthony S. Serianni. *Catalysis Science & Technology*, Anne M. Gaffney, Charles H.F. Peden. *Cellulose and Renewable Materials*, Kevin J. Edgar, Nicole Labbe*. *Chemical Education*, Iona Black, Daniel B. King, Sally B. Mitchell, Ellen J. Yeziarski. *Chemical Health & Safety*, Debbie M. Decker, Frankie K. Wood-Black. *Chemical Information*, Svetlana Korolev, Bonnie Lawlor, Andrea B. Twiss-Brooks. *Chemical Toxicology*, Penny Beuning. *Chemistry & The Law*, James C. Carver, Alan M. Ehrlich. *Colloid & Surface Chemistry*, Jennifer A. Hollingsworth, Maria M. Santore, Paul J. Shiller*. *Computers in Chemistry*, Emilio X. Esposito, Terry R. Stouch*, Ralph A. Wheeler. *Energy & Fuels*, Joe D. Allison, Semih Eser, Elise B. Fox, Lisa Houston. *Environmental Chemistry*, V. Dean Adams, Alan W. Elzerman, Jurgen H. Exner, Martha J.M. Wells. *Fluorine Chemistry*, David A. Dixon. *Geochemistry*, James D. Kubicki. *History of Chemistry*, Roger A. Egolf, Mary Virginia Orna. *Industrial & Engineering Chemistry*, Spiro D. Alexandratos, Mary K. Engelman, David T. Hobbs*, Melanie J. Moser. *Inorganic Chemistry*, Debbie C. Crans, Thomas R. Cundari, Karen Goldberg, Silvia Ronco. *Medicinal Chemistry*, Jane V. Aldrich, William J. Greenlee, Carrie Haskell-Luevano*, Amy S. Ripka. *Nuclear Chemistry & Technology*, Silvia S. Jurisson. *Organic Chemistry*, Jeffrey Aubé*, David A. Conlon, Huw M.L. Davies, Cynthia A. Maryanoff. *Physical Chemistry*, Judy E. Kim*, Christine K. Payne, Ellen B. Stechel, Theresa L. Windus. *Polymer Chemistry*, Joseph M. Mabry, Mary Ann Meador, Robert B. Moore, Gregory N. Tew. *Polymeric Materials: Science & Engineering*, Benny D. Freeman, Julie L.P. Jessop, Dean C. Webster. *Professional Relations*, R. Daniel Libby. *Rubber*, John M. Long. *Small Chemical Businesses*, Joseph E. Sabol.

Local Sections: *Akron*, James E. Duddey, Daryl L. Stein. *Alabama*, Tracy P. Hamilton. *Ames*, Maria Bohorquez*. *Auburn*, Christian R. Goldsmith. *Baton Rouge*, Bryan K. Franklin. *Binghamton*, Wayne E. Jones, Jr. *Brazosport*, Carolyn Ribes. *California*, G. Bryan Balazs, Michael T.H. Cheng*, Mark D. Frishberg, Sheila Kanodia, Donald S. MacLean*, Eileen M. Nottoli, Elaine S. Yamaguchi. *California Los*

*Alternate Councilor

**Temporary Substitute Councilor

Padres, David F. Marten*. **Carolina-Piedmont**, Matthew K. Chan, Marilyn J. Sikes. **Central Arizona**, Douglas J. Sawyer. **Central Arkansas**, Martin D. Perry, Jr. **Central Massachusetts**, Meledath Govindan. **Central New Mexico**, Bernadette A. Hernandez-Sanchez, Donivan R. Porterfield. **Central New York**, Alyssa C. Thomas. **Central North Carolina**, Robert A. Yokley. **Central Ohio Valley**, Gary D. Anderson. **Central Pennsylvania**, Lori S. Van Der Sluys. **Central Texas**, Debra A. Feakes, Barry J. Streusand. **Central Utah**, Jennifer B. Nielson. **Central Wisconsin**, C. Marvin Lang. **Chattanooga**, Verrill M. Norwood, III. **Chemical Society of Washington**, Allison Aldridge, Alan J. Anderson, Joseph M. Antonucci, Christopher W. Avery, Regina J. Cody, Kim M. Morehouse, Judith F. Rubinson, Matthew A. Windsor*, Stefanie S. Wittenberg. **Chicago**, Charles E. Cannon, Kenneth P. Fivizzani, Russell W. Johnson, Michael G. Koehler, Margaret S. Levenberg, Milt Levenberg, Inessa Miller, Barbara E. Moriarty, Margaret E. Schott*, Susan M. Shih. **Cincinnati**, Kathleen Gibboney, Susan A. Hershberger, Richard J. Mullins. **Cleveland**, Dwight W. Chasar. **Coastal Georgia**, Will E. Lynch. **Colorado**, Lawrence J. Berliner, Sandra J. Bonetti, Connie Gabel, Helen B. Gerhard*, Susan M. Schelble. **Columbus**, Joan M. Esson, Edmund T. King, Virginia H. Songstad. **Connecticut Valley**, Kevin R. Kittilstved, Michael Knapp, Julianne M.D. Smist, Frank J. Torre. **Corning**, Roger F. Bartholomew. **Dallas-Fort Worth**, Mary E. Anderson, Jason L. McAfee, Linda D. Schultz, E. Thomas Strom. **Dayton**, Steven Trohalaki. **Decatur-Springfield**, Harry J. Elston. **Delaware**, John Gavenonis, Tiffany N. Hoerter, Martha G. Hollomon, Margaret J. Schooler. **Detroit**, Mark A. Benvenuto, James M. Landis, Jr., Anthony F. Sky. **East Central Illinois**, Amy Nicely. **East Tennessee**, Alan A. Hazari, John Z. Larese. **East Texas**, Philip Verhalen. **Eastern New York**, Mary K. Carroll, Warren D. Hull, Jr. **Eastern North Carolina**, Satinder Ahuja. **Erie**, Betty Jo Chitester. **Florida**, Béla S. Buslig*, Leslie J. Murray. **Georgia**, Heather L. Abbott-Lyon, Lissa Dulany, David S. Gottfried, Donald G. Hicks*, Terence E. Say. **Greater Houston**, Carolyn A. Burnley, Amber S. Hinkle, Valerie Lafitte, Thomas B. Malloy*, Mamie W. Moy, Laurent Pirolli, David M. Singleton. **Green Mountain**, Willem R. Leenstra. **Hampton Roads**, Lisa S. Webb. **Hawaii**, T. Blake Vance, Jr. **Huron Valley**, Ellene T. Contis. **Idaho**, Raymond P. Anderson*. **Illinois Heartland**, Gregory Ferrence. **Illinois-Iowa**, Richard G. Rogers. **Indiana**, Beth Lorsbach, Brian M. Mathes, Robert A. Pribush, Robert E. Sammelson. **Indiana-Kentucky Border**, Todsapon Thananattanachon*. **Inland Northwest**, Jeffrey A. Rahn. **Iowa**, Jai A. Shanata*. **Kalamazoo**, Lydia E.M. Hines. **Kanawha Valley**, Madan M. Bhasin. **Kansas City**, Eckhard Hellmuth, Sarah J. Leibowitz. **Kentucky Lake**, Robbie Montgomery. **LaCrosse-Winona**, Claude L. Mertenich. **Lake Superior**, Donald K. Harriss. **Lehigh Valley**, Jeanne R. Berk, Lorena Tribe. **Lexington**, Jennifer L. Muzyka. **Louisiana**, Alvin F. Bopp. **Louisville**, James F. Tatera. **Maine**, Mitchell R.M. Bruce. **Mark Twain**, Dawood Afzal. **Maryland**, Merle I. Eiss, Dana Ferraris, Jan E. Kolakowski, Paul J. Smith, Stephanie Watson. **Memphis**, Laura M. Wolf. **Michigan State University**, Amy M. Pollock. **Middle Georgia**, Alan Davis**. **Mid-Hudson**, Mary E. Dery. **Midland**, Tina M. Leaym, Dale J. LeCaptain. **Milwaukee**, Kevin W. Glaeske, Scott A. Schlipp. **Minnesota**, Marilyn Duerst, Ramesh C. Kumar*, Sarah M. Mullins, James Wollack, Wayne C. Wolsey. **Mississippi**, Leslie Robinson. **Mobile**, W. Matthew Reichert. **Mojave Desert**, Peter Zarras. **Mo-Kan-Ok, The Tri-State**, Khamis S. Siam. **Montana**, Janice E. Alexander. **Nashville**, Judith M. Iriarte-Gross, Preston J. MacDougall*. **Nebraska**, James M. Takacs. **New Haven**, Gerald J. Putterman, Kap-Sun Yeung. **New York**, Ronald P. D'Amelia, Barbara R. Hillery, Alison G. Hyslop, Neil D. Jespersen, Hiroko I. Karan, Pamela K. Kerrigan, JaimeLee I. Rizzo, Frank Romano, Justyna Widera-Kalinowska. **North Alabama**, Russell Bazemore**. **North Carolina**, James L. Chao, Alvin L. Crumbliss, James M. Harrington, Melissa A. Pasquinelli, Laura S. Sremaniak. **North Jersey**, Amy M. Balija, Jeannette E. Brown, Alan B. Cooper, Jacqueline A. Erickson, Stan S. Hall, Elizabeth M. Howson, Diane Krone, Yingchun Lu*, Les W. McQuire, Michael M. Miller, Monica R. Sekharan. **Northeast Tennessee**, John Engelman, II. **Northeast Wisconsin**, Martin D. Rudd. **Northeastern**, Catherine E. Costello, Thomas R. Gilbert, Morton Z. Hoffman, Leland L. Johnson, Jr.*, Katherine L. Lee, Doris I. Lewis, Patricia A. Mabrouk, Lisa A. Marcaurette, Kenneth C. Mattes, Sofia A. Santos*, Andrew Scholte*, Mary Jane Shultz, Michael Singer, Anna W. Sromek*, Ruth E. Tanner. **Northeastern Ohio**, Sarah S. Preston. **Northern New York**, Vinay C. Likhite. **Northern Oklahoma**, Maziar Sardashti. **Northern West Virginia**, Edwin L. Kugler*. **Northwest Central Ohio**, Amelia Anderson-Wile. **Oklahoma**, Allen W. Apblett. **Ole Miss**, Jason E. Ritchie. **Omaha**, Richard Lomneth.

Orange County, Robert S. Cohen, Rabin D. Lai, Sanda P. Sun. **Oregon**, Richard L. Nafshun. **Orlando**, Darlene K. Slattery. **Ozark**, Eric Bosch. **Panhandle Plains**, Nick O. Flynn. **Penn-Ohio Border**, Doris L. Zimmerman. **Pensacola**, Allan M. Ford. **Permian Basin**, Kathryn Louie. **Philadelphia**, Anthony W. Addison, Georgia A. Arbuckle-Keil, Melissa B. Cichowicz, Deborah H. Cook, Judith N. Currano, Ella L. Davis, Anne S. DeMasi, Rick Ewing, Margaret A. Matthews, Christine McInnis, John Tierney. **Pittsburgh**, Richard S. Danchik, Robert Mathers, Vincent M. Mautino, Kimberly A. Woznack. **Portland**, Warren T. Ford*. **Princeton**, Allen N. Jones, Louise M. Lawter. **Puerto Rico**, Néstor M. Carballeira, Jorge L. Colón*. **Puget Sound**, Gary D. Christian, Craig B. Fryhle, Gregory L. Milligan, Despina Strong, Mark Wicholas. **Purdue**, George Bodner**. **Rhode Island**, Peter J. Bonk. **Richland**, Anna G. Cavinato. **Rio Grande Valley**, Michael D. Johnson. **Rochester**, D. Richard Cobb, James H. Reynolds*. **Rock River**, Dennis N. Kevill. **Sabine-Neches**, John A. Whittle. **Sacramento**, John R. Berg, Dena J. Chubbic. **St. Louis**, Lisa M. Balbes, Eric A. Bruton, Donna G. Friedman, Theodore C. Gast. **Salt Lake**, Peter J. Stang. **San Antonio**, Larry C. Grona. **San Diego**, Thomas R. Beattie, Hui Cai, Desiree Grubisha, John G. Palmer, J. Kenneth Poggenburg, Jr., David M. Wallace. **San Gorgonio**, Eileen M. DiMauro, J. Ernest Simpson. **San Joaquin Valley**, Elisabeth Schoenau**. **Santa Clara Valley**, Linda S. Brunauer, Bonnie A. Charpentier, Matthew J. Greaney, George J. Lechner, Heddie Nichols*, Sally B. Peters, Ean Warren. **Savannah River**, Christopher J. Bannochie. **Sierra Nevada**, Laina M. Geary. **Sioux Valley**, Jetty L. Duffy-Matzner. **South Carolina**, William H. Breazeale, Jr. **South Central Missouri**, Nathan D. Leigh**. **South Florida**, Milagros Delgado, George H. Fisher, Zaida C. Morales-Martinez. **South Jersey**, Jennifer L. McCulley. **South Plains**, David M. Klein*. **South Texas**, Jingbo Louise Liu*. **Southeastern Pennsylvania**, Gregory P. Foy. **Southern Arizona**, Charles H. Weidner*. **Southern California**, Brian B. Brady, Robert de Groot, Virgil J. Lee, Sofia Papatheodorou, Eleanor D. Siebert, Barbara P. Sitzman. **Southern Illinois**, Lichang Wang. **Southern Indiana**, Kenneth G. Caulton. **Southern Nevada**, Kazumasa Lindley. **Southwest Georgia**, Linda de la Garza*. **Susquehanna Valley**, Dee Ann Casteel. **Tampa Bay**, Marie Bourgeois, Sidney S. White, Jr.*. **Texas A&M**, David E. Bergbreiter. **Toledo**, Andrew D. Jorgensen. **Trenton**, Benny C. Chan, Abby R. O'Connor*. **Upper Ohio Valley**, Kevin Pate. **Upper Peninsula**, Glenn M. Larkin**. **Virginia**, Kristine S. Smetana, Ann M. Sullivan, Linette M. Watkins. **Virginia Blue Ridge**, W. Gary Hollis, Jr. **Wakarusa Valley**, Joseph A. Heppert. **Washington-Idaho Border**, Richard V. Williams. **Western Carolinas**, Lucy P. Eubanks, George L. Heard. **Western Connecticut**, John R. Miecznikowski*, Lawrence K. Steffen. **Western Maryland**, Peggy S. Biser. **Western Michigan**, Mark A. Thomson. **Wichita**, D. Paul Rillema. **Wichita Falls-Duncan**, Keith R. Vitense. **Wilson Dam**, Amanda H. Coffman**. **Wisconsin**, Allen D. Clauss. **Wyoming**, Jane V. Thomas.

Non-Councilors: Elizabeth P. Beckham, Brian A. Bernstein, Mark C. Cesa, Wendy D. Cornell, Kate Fryer, LaTrease L. Garrison, Alicia E. Harris, Madeleine Jacobs, John C. Katz, Andy Kreczko, Natalie A. LaFranzo, Jennifer L. Maclachlan, Nina McClelland, Michael B. McGinnis, Steven Meyers, Anthony M. Noce, Barbara F. Polansky, Max B. Saffell, Lu Ann Shadman, David Smorodin, Simanco R. Staley, Frank E. Walworth, Marleen G. Weidner.

The preceding list of attendees at the Council meeting includes the following: 28 Ex- Officio Councilors; 3 Bylaw Councilors; 86 Division Councilors (76 elected, 10 alternate); 327 Local Section Councilors (288 elected, 32 alternate, 7 temporary); and 23 Non-Councilors (staff and others). Approximately 55 observers were in attendance.

Resolutions

The Council ADOPTED the following resolution presented by the Council Policy Committee (CPC) Vice-Chair Mary K. Carroll:

1. 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:

- Dr. Ray A. Dickie, consultant, retired, Ford Motor Company, and Councilor for the Division of Polymeric Materials: Science & Engineering from 2003 to 2011, Councilor for the Detroit Local Section from 1995 to 2000, and Bylaw Councilor for 2001.
- Dr. John L. Plude, emeritus professor, University of Wisconsin, Oshkosh, and Councilor for the Northeast Wisconsin Local Section from 1992 to 2008.
- Dr. Mary Eileen Thompson, CSJ, retired, College of St. Catherine and Councilor for the Minnesota Local Section from 1988 to 2002 and 1979 to 1984.
- Dr. David L. Venezky, retired, career chemist, U.S. Naval Research Laboratory, and Councilor for the Chemical Society of Washington Local Section from 1973 to 1987 and Bylaw Councilor for 1988.

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

Approval of Minutes

2. VOTED to approve, as distributed, the minutes of the meeting of April 5, 2017.

Election of Members to Elected Committees

Les W. McQuire, chair, Committee on Nominations and Elections (N&E), introduced the candidates for election to the Council Policy Committee, the Committee on Nominations and Elections, and the Committee on Committees:

3. In accordance with the provisions of Bylaw III, Sec. 3, a, (3), the Committee on Nominations and Elections presented the following nominees for election to membership on the Council Policy Committee beginning in 2018: Karl S. Booksh, James C. Carver, Dwight W. Chasar, Ella L. Davis, Mark D. Frishberg, Lydia E. M. Hines, Will E. Lynch, Zaida C. Morales-Martinez, Barbara P. Sitzman, and Linette M. Watkins. By electronic ballot, the Council ELECTED Karl S. Booksh, Mark D. Frishberg, Zaida C. Morales Martinez, and Linette M. Watkins for three-year terms (2018-2020), and Ella L. Davis for a one-year term (2018) on the Council Policy Committee.

4. In accordance with the provisions of Bylaw III, Sec. 3, b, (3), the Council Policy Committee presented the following nominees for election to membership on the Committee on Nominations and Elections beginning in 2018: Anthony W. Addison, Joe D. Allison, Michael Appell, Mark A. Benvenuto, Arindam Bose, Neil D. Jespersen, Mamie W. Moy, Eleanor D. Siebert, Julianne M. D. Smist, and Keith R. Vitense. By electronic ballot, the Council ELECTED Michael Appell, Neil D. Jespersen, Mamie W. Moy, Eleanor D. Siebert, and Julianne M.D. Smist for three-year terms (2018-2020) on the Committee on Nominations and Elections.

5. In accordance with the provisions of Bylaw III, Sec. 3, c, (3), the Committee on Nominations and Elections presented the following nominees for election to membership on the Committee on Committees beginning in 2018: Mitchell R. M. Bruce, Jetty Duffy-Matzner, Rick Ewing, Barbara R. Hillery, Martha G. Hollomon, Judith M. Iriarte-Gross, Russell W. Johnson, Diane Krone, Robert A. Pribush, and Susan M. Schelble. By electronic ballot, the Council ELECTED Mitchell R. M. Bruce, Jetty Duffy-Matzner, Martha G. Hollomon, Diane Krone, and Robert A. Pribush for three-year terms (2018-2020) on the Committee on Committees.

Reports of Society Officers

President Allison A. Campbell provided an update on her activities last April, including those at this national meeting. In conjunction with the ACS Office of External Activities & Communication, she hosted an invitation-only “Speaking with Congress Advocacy Workshop” to train ACS members to effectively engage with their members of Congress. This coincided with the launch of the newly developed Advocacy Toolkit as a resource and training platform for members to connect with policymakers. This meeting also featured several Presidential symposia, including “Science Communications: The Art of Developing a Clear Message,” cosponsored with the Royal Society of Chemistry; “Building a Safety Culture Across the Chemistry Enterprise,” cosponsored by the Division of Chemical Health & Safety; and “Understanding the Chemistry of our Planet,” that showcased renowned researchers discussing the transforming power of chemistry that is ubiquitous to life on Earth.

Dr. Campbell reported that the Public Access and Diversity Stakeholder Working Group, formed to develop the Society’s response to various ‘bathroom bill’ legislations and proposed a “Freedom to Meet without Limitations” statement that was approved by the ACS Board of Director. Letters of guidance were sent to the Chairs and Councilors of local sections in Texas. Council will be alerted to any action ACS takes in response pending legislation.

Dr. Campbell concluded by thanking Council for making her Presidential year a success.

President-Elect Peter K. Dorhout began his report by reminding Council of two events that occurred in 1876. The first was an assembly of chemists who crafted the Charter that guides his perspectives on where we lead our society, in particular “the advancement of chemistry and all its branches,” and “the promotion of research in chemical sciences and aiding the development of our country’s industries.” The second was the publication of *The Adventures of Tom Sawyer* by writer and science advocate, Mark Twain, followed ten years later by *A Connecticut Yankee in King Arthur’s Court*, which combined Twain’s passions for adventure and science. Dr. Dorhout observed that just as the event of a solar eclipse in *A Connecticut Yankee in King Arthur’s Court* presented an opportunity for knowledge of science to influence leadership in the court of King Arthur, the solar eclipse of August 21, 2017 is an opportunity for ACS to influence our nation’s leadership to embrace the transforming power of chemistry. To that end, Dr. Dorhout said he would continue to build on ACS’s momentum with the bicameral, bipartisan Congressional Chemistry Caucus.

Dr. Dorhout also observed that Twain’s stories and characters can provide inspiration for ACS to underscore the importance of adventure, problem solving, and the need to understand and embrace the spectral rainbow of diverse people, each with a unique perspective on solving problems and addressing global challenges. He mentioned the ACS Scholars program, which will welcome its 300th Ph.D. alumna or alumnus in 2018; the importance of embracing safety in all we do; and Councilors’ interactions with the public, students, and colleagues as the change that they hope to see in others. He concluded by thanking Councilors for all they do for ACS and the profession.

Immediate Past President Donna J. Nelson stated that since the last ACS national meeting, she has been engaged in a number of activities of interest to Council. She highlighted her programming for this meeting: “Chemists of Courage,” presentations by or about scientists who demonstrated courage directly related to carrying out their science; and “NASA Journey to Mars,” lectures by pioneers in the space industry, followed by a reception at the Smithsonian National Air and Space Museum.

Dr. Nelson also reported on two publications. The first, *Diversity in the Chemistry Community*, is partially based on three diversity-related symposia held during the spring 2016 ACS National Meeting in San Diego. It is in press and will soon be available electronically. The second, *Report of Recommendations of the ACS President’s Task Force on Employment in the Chemical Sciences*, has been submitted to ACS Publications

and is under peer review. An electronic copy of the executive summary of the report was emailed to Councilors prior to the meeting. She shared the six major recommendations listed in the executive summary, and thanked the members of the task force, Co-Chair Attila Pavlath, and Councilors for their input.

Board Chair Pat N. Confalone reported that at this national meeting, the Board of Directors considered a number of key strategic issues and responded with several actions. The Board received and discussed reports from its committees on the Petroleum Research Fund, Strategic Planning, Corporation Associates, Executive Compensation, Professional and Member Relations, the Society Committee on Budget and Finance, the ACS Governing Board for Publishing, and the Joint Board-Council Task Force on Governance Design.

The Board voted to approve the Society's nominees for the 2018 Perkin Medal and the 2018 National Science Board Public Service Award; the appointment and reappointment of several editors-in-chief for ACS journals; the advance member registration fee for national meetings held in 2018; and to authorize two new program funding requests: an ACS Online Course on Laboratory Safety and a New Faculty Workshop Series.

Dr. Confalone shared that the Board also held a discussion with officers and members of the Board of Directors of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) on what governance participation might look like at the organizations' annual meetings, possible meetings between ACS and NOBCChE at the ACS Leadership Institute, dual membership between both organizations, strategic alliances of Student Chapters at the local section and regional levels, and ACS Board participation at NOBCChE Annual Conferences.

Executive Director & CEO Thomas M. Connelly, Jr., reported on a number of important developments across the Society. He stated that 2017 is shaping up to be another highly successful year for the Society. While only one measure of success, ACS's financial performance at midyear is running ahead of the phased budget annual plan.

Dr. Connelly focused on two challenges facing the Society: cyber security and membership growth. He stated that cyber threats evolve continually; ACS must take steps to secure prized intellectual property and protect confidential information concerning members, customers, and staff. The former Soviet Bloc is the source of many of the attacks, but not all. He cited two such threats to intellectual property from Sci-Hub and ResearchGate. While their tactics differ, both are violating ACS copyrights, thereby weakening the Society. The hiring of a Chief Information Security Officer and a lawsuit filed against Sci-Hub are just two examples of preventative action in recent months.

The second, and largest challenge is membership growth. He proposed several ways that governance and staff can work collaboratively to reverse a multiyear declining trend: updating domestic and global marketing strategies, renewing the appeal to members in industry, and implementing flexibility in dues structures in response to structural changes in our membership.

Dr. Connelly concluded his report by stating that "Membership is everyone's responsibility" and appealed to Councilors to work together to grow membership.

Reports of Elected Committees

Council Policy Committee (CPC)

Mary K. Carroll, committee vice-chair, reported that the committee is preparing for new Councilor orientation activities in 2018 and is considering hosting a Strategy Café event for all ACS Councilors at the

spring national meeting in New Orleans; the Future Council Representation Working Group continues to work in tandem with the Joint Board-CPC Task Force on Governance Design; and CPC voted to endorse the Petition on International Chemical Sciences Chapters. CPC also approved two amendments to the Committee Travel Expense Reimbursement Policy for non-Councilors. The new policies permit non-Councilors to carry over unused funds from the spring to the fall meeting under certain conditions, and to get reimbursement for an additional night's stay in excess of the limit set for that national meeting; this would apply for all non-Councilors with multiple committee appointments that necessitate additional days of travel.

Dr. Carroll gave an update on the Joint Board-CPC Task Force on Governance Design. She thanked Councilors for the thoughtful and constructive feedback received during and after the spring 2017 national meeting in San Francisco. Recent discussions have focused on clearly defining national governance roles that will enable ACS to efficiently achieve the Objects and Strategic Goals of the Society. The task force anticipates presenting an overall national governance model that articulates a high-level framework and a roadmap by which various governance bodies (including CPC, the Board, and individual committees) are each empowered to undertake the detailed design of specific components of the governance structure. The task force has been coordinating with committees already engaged in parallel activities, including CPC, ConC, and C&B. The task force will present its report to the Board and CPC in December, and discuss the framework, roadmap and timeline with Councilors in appropriate venues during the spring 2018 National Meeting in New Orleans.

Committee on Committees (ConC)

Wayne E. Jones, Jr., committee chair, reported that ConC discussed the two petitions up for consideration by Council and voted to endorse the Petition on the Composition of Society Committees and to oppose the Petition for Election of Committee Chairs.

As part of its updated strategic plan and mission statement, ConC sent a questionnaire to all Council-related and Board Committee Chairs and staff liaisons to obtain a better understanding of the goals and strategies of the committees, as well as the skills and expertise that are needed by potential committee members. ConC is currently reviewing the information. Assessment of this data is also tied to the work of the Joint Board-CPC Task Force on Governance Design.

The committee is developing recommendations for 2018 committee chairs, members, associates, and consultant appointments for consideration by the President-Elect and the Chair of the Board of Directors. ConC will also conduct its annual New Chairs Training Session in Dallas, Texas, January 19-21, 2018, as part of the ACS Leadership Institute.

On behalf of Council, ConC recognized 27 Councilors who will have served the statutory limit or otherwise completed their service on ACS governance committees at the end of 2017; 13 committee chairs who will have served the statutory limit on the committee they chair; and 33 Councilors observing 15, 20, 25, 30, or 40 years of service as members of the Council.

Nominations and Elections (N&E)

Les W. McQuire, committee chair, reported the results of the morning's elections to the Council Elected Committees (see items 3-5).

N&E received positive feedback from those who attended the Director-at-Large Town Hall Meeting on Sunday.

Ballots for the 2017 fall national election will be distributed on September 29, with a voting deadline four weeks later, on October 27. All members eligible to vote and with an email address on file will receive an electronic ballot with the option to request a paper ballot. Those members who do not have an email address on file will be sent a paper ballot with the option to vote electronically. Email reminders will also be sent during the voting period to those who have not voted as of the reminder dates.

The committee developed slates of potential nominees for President-Elect for 2019, the Directors of Districts I and V for 2019-2021, and a slate of potential candidates for Directors-at-Large for 2019-2021.

N&E received reports from its subcommittees and the Vote 2020 Task Force. The task force is part of a multi-year, multi-phase effort to take a holistic look at the entire ACS national election process and to seek input and study new methods by which to run ACS elections by the year 2020.

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

Joseph Heppert, committee chair, reported that the Society's 2017 Probable 1 Projection anticipates a Net Contribution from Operations of \$25.3 million. This is \$2.1 million favorable to the Approved Budget and \$1.6 million higher than 2016. Total revenues are projected to be \$553.0 million, which is \$2.4 million unfavorable to the budget, but 5.0% higher than the prior year. Total expenses are projected at \$527.6 million, which is \$4.5 million favorable to the budget, and 4.9% higher than 2016.

The committee considered several program funding requests for 2018, and on its recommendations, the Board subsequently approved funding for the ACS Online Course on Laboratory Safety and the New Faculty Workshop Series for inclusion in the 2018 Proposed Budget and the 2019-2020 Forecast.

Education (SOCED)

Diane Krone, committee chair, reported that the committee discussed the two petitions for consideration by Council and voted to take no position on the Petition for Election of Committee Chairs and to endorse the Petition on the Composition of Society Committees.

SOCED held a special discussion on immigration and work visas and provided feedback to assist the task force charged to determine the need for ACS to develop a policy statement on this topic. The committee also reviewed and approved an updated ACS policy statement on "Fostering Scientific Progress: U.S. Visas for Academic Study and Conference Attendance".

The committee passed two resolutions related to General Chemistry Performance Expectations: one supports seeking funding from NSF for a conference on performance expectations. The second recommends that, if asked, ACS should support other groups and higher education institutions to submit a proposal to the NSF Improving Undergraduate STEM Education program.

SOCED was informed of recent developments related to the American Association of Chemistry Teachers (AACT). Nearly 4,500 individuals, 88 percent of whom are K-12 teachers, are now AACT members.

Dr. Krone concluded her report by inviting Councilors to congratulate the members of the U.S. Chemistry Olympiad team for their extraordinary performance at the 49th International Chemistry Olympiad in Thailand where they were awarded four gold medals, which is a team record.

Science (ComSci)

Mark Cesa, committee chair, reported that ComSci concentrated much of its attention at this meeting on public policy statements and approving policy statements on visas for academic study and conference attendance; scientific integrity in public policy; a competitive business climate; and sustainability and the chemistry enterprise. ComSci will review existing policy statements on energy and hydraulic fracturing in 2018 and will begin work on a new policy statement on the weaponization of chemicals in collaboration with the Board Committee on Corporation Associates and the Public Affairs and Public Relations working group.

At this national meeting, ComSci organized a symposium on “Sustaining Water Resources: Environmental & Economic Impact” and sponsored the “Transformative Research and Excellence in Education (TREE) Award Symposium”.

ComSci received an overview from the Department of Energy’s Office of Science on its recent workshop on “Basic Research Needs for Catalysis Science to Transform Energy Technologies”. The committee also received information and provided feedback on the impact of immigration on the chemistry enterprise, a proposed bylaw change from the Committee on Membership Affairs, and an opportunity to participate in the Patent Examiner Technical Training Program. ComSci is planning to hold a strategic planning retreat in 2018.

Reports of Standing Committees

Membership Affairs (MAC)

Margaret Schooler, committee chair, reported that the committee continues to monitor several on-going market data tests with a focus on recruiting and retaining new and former members. Two dues payment choices - to either automatically renew dues or to make installment payments of dues - are now permanent options for members. At this meeting, MAC approved a new initiative to test multi-year memberships for undergraduates, and also expanded the World Bank model discount test to include International Student Chapters.

At this meeting, members of MAC spent time visiting committees and caucuses to share a proposed Bylaw amendment that would provide MAC added flexibility to create and test new membership dues models without requiring continued multiple Bylaw changes. These models could include academic, corporate, and multi-year membership offerings, as well as provide a platform for dual-dues structures with sister Societies.

MAC has considered the Petition on International Chemical Sciences Chapters, which is up for action at this meeting. The committee supports the petitioner's intent to allow financial support to the International Chemical Sciences Chapters and to remove the restriction of elected representation on Council. The committee supports the revised version of the petition as presented.

6. VOTED not to support the Petition on International Chemical Sciences Chapters, which would amend Bylaw IX, Section 4 to permit financial support and to remove language from the Bylaws that these Chapters are not entitled to representation on Council.

Economic and Professional Affairs (CEPA)

William (Rick) Ewing, committee chair, reported that CEPA conducted a strategic planning retreat in April and approved the resulting plan at this meeting. The committee has new mission and vision statements, strategic goals, and has reorganized accordingly.

ACS has implemented a revised survey methodology following a precipitous decline in response rates to surveys. Rather than a large annual survey tool, a more periodic and nimble modular survey deploys different modules throughout the year with the net results being the same as previously collected but creating quarterly running averages. Under this new data collection process, the results show a small increase in the ACS Chemist unemployment rate over the past year from 2.6% to 2.8%; values that continue to remain at relative parity with the larger U.S. unemployment rate for Bachelor's degrees and above.

The ACS onsite career fair is celebrating its 80th anniversary. At this meeting, CEPA continued the revisions to the fair launched earlier this year to increase member and employer interactions. At this meeting, the fair had very strong employer participation.

CEPA's Working Group on Immigration and Work-Related Visas is gathering data and input from members. Councilors and others were invited to send any comments on this topic to policy@acs.org.

Meetings and Expositions (M&E)

Kevin Edgar, chair, reported that M&E accepted more than 9,375 papers for the Washington meeting. As of August 21, total attendance for the meeting was 12,749. The Exposition had 421 booths with 282 exhibiting companies. As part of M&E's comprehensive sustainability plan, print copies of the program book for Washington were significantly reduced and a limited number were available for sale; 1,499 program books were sold and the mobile application was downloaded 8,376 times.

Dr. Edgar announced that M&E will hold a strategic planning meeting and partner with the Committees on Divisional Activities and on Younger Chemists to discuss overall meeting space and cost concerns; competitive analysis of the Exposition; further enhancements to the functionality of the meeting mobile app; enhancements to the Multi-disciplinary Program Planning Group's (MPPG) mission of driving cross division collaboration; and the poor performance of Thursday technical programming. M&E approved an experiment to eliminate Thursday programming during the spring ACS National Meeting & Exposition in Atlanta, Georgia in 2021.

Divisional Activities (DAC)

Rodney M. Bennett, committee chair, reported that in 2016, DAC received a request to establish a probationary Division of Space Chemistry. Subsequently, DAC met with the organizers of the would-be division, and requested and received input from leadership of established divisions. In a very close vote of DAC members, the committee decided not to endorse the Division of Space Chemistry. However, among divisions that expressed an opinion on the matter, there was clear support for establishing such a division. On behalf of DAC, Mr. Bennett asked Council: "Should the Council establish a probationary Division of Space Chemistry, effective January 1, 2018?"

7. VOTED not to approve the establishment of a probationary Division of Space Chemistry.

DAC has formed a working group to update the formula for allocating dues funds to the divisions. The committee will ask Council to act on a new allocation formula at the 2018 spring meeting in New Orleans.

The committee voted to fund 11 Innovative Project Grants (IPG) totaling nearly \$71,850. DAC will consider another set of IPG proposals next spring. The deadline for that round of submissions is February 1, 2018.

Local Section Activities (LSAC)

Jason Ritchie, committee chair, announced that LSAC will award an additional 15 Innovative Project Grants totaling \$33,000, bringing the total for 2017 to \$72,776. LSAC will offer new grants for Members Engaging through Technology (METT) beginning this fall. Awards of up to \$2,000 each are also available to local sections hosting Leadership Development courses.

LSAC voted to support the Petition on International Chemical Sciences Chapters and to oppose the Petition for Election of Committee Chairs.

The committee approved a petition to amend the Princeton Local Section bylaws to create a topical group affiliation with the Princeton Fall Organic Chemistry Symposium.

LSAC also approved a petition from the South Jersey Local Section Petition to annex the unassigned and adjacent territory of Ocean County, New Jersey.

8. VOTED to approve a petition from the South Jersey Local Section to annex the unassigned and adjacent territory of Ocean County, New Jersey.

Constitution and Bylaws (C&B)

James C. Carver, committee chair, reported that C&B has certified 15 unit bylaws so far in 2017. He then called Council's attention to two petitions for consideration: the Petition on the Composition of Society Committees and the Petition for Election of Committee Chairs. Opponents of these petitions have 30 days from the Council meeting to submit written arguments.

New petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than November 29 to be included in the Council agenda for consideration at the spring 2018 meeting in New Orleans.

Reports of Other and Joint Board-Council Committees

Chemical Abstracts Service (CCAS)

Wendy D. Cornell, chair, reported that CCAS held a strategic planning retreat led by ACS Leadership Development System (LDS)-trained facilitators with representation from CCAS, Chemical Abstracts Service, and additional ACS members with experience in chemical information and ACS governance. Input was invited from attendees and additional stakeholders regarding ways in which CCAS and CAS could further serve members and advance the first goal of the ACS mission: to provide information to support better, smarter, faster, and safer decisions. CCAS encouraged Councilors and members to share their ideas.

Chemical Safety (CCS)

Elizabeth M. Howson, chair, conveyed the committee's gratitude to the Board of Directors on positioning chemical safety within the ACS Strategic Plan and also for dedicating a full-time staff position to safety programs. The committee also applauded ACS Publications on its implementation of a safety reporting requirement for ACS journals, where authors must "address and emphasize any unexpected, new, and/or significant hazards or risks associated with reported work."

The 8th edition of "Safety in Academic Chemical Laboratories," formerly a two-volume set published by CCS, was printed in early 2017. The new edition entitled "Safety in Academic Chemistry Laboratories: Best Practices for the First- and Second- Year University Students," has already sold over 4,000 copies in preparation for the new academic year.

Members of CCS and the Division of Chemical Safety have developed two public policy statements regarding safety. The "Safety in the Chemistry Enterprise" policy is targeted at regulators and policymakers to address the Society's position regarding laws and regulations concerning chemical safety issues. "Safety Guidelines for the Chemistry Professional – Understanding Your Role and Responsibilities" establishes guidelines for the ACS Membership and other interested parties on behalf of the community of safety professionals within ACS.

Chemists with Disabilities (CWD)

John Johnston, chair, reported that CWD has initiated a travel award to bring a student /postdoc to ACS national meetings; promoted the capabilities of persons with disabilities with its famous “Scientists with Disabilities” posters and bookmarks suitable for classroom use; partnered with non-ACS entities to leverage resources; championed the use of closed captioning in many ACS produced videos and CART (Communication Access Real-time Translation) at meetings; and is currently working on integrating technologies to develop a universally accessible remote conferencing capability to permit CWD members with visual, hearing, and motor-skills disabilities to participate in conference calls between meetings.

Community Activities (CCA)

Michael B. McGinnis, chair, reported that an ACS Presidential Outreach Event, “Exploring our World through Chemistry,” was led by committee and Local Section volunteers on Saturday, August 19 at ACS Headquarters.

CCA has completed and released for distribution the 30th anniversary edition of National Chemistry Week’s children’s publication, “Celebrating Chemistry.” Copies were made available to Councilors.

The committee will sponsor a “Look and Learn” video contest to promote Student Chapter involvement in the inaugural “Chemists Celebrate Earth Week” (CCEW) in 2018. The winning videos will be featured as resources for CCEW 2018 coordinators.

CCA discussed the two petitions for consideration by Council during this meeting. A committee poll revealed an overwhelming opposition to the Petition for the Election of Committee Chairs. The committee also voted unanimously to support the Petition on International Chemical Sciences Chapters.

Environmental Improvement (CEI)

Anthony M. Noce, chair, reported that CEI continues to focus its attention on increasing ACS leadership related to sustainability in the chemical enterprise. This year CEI awarded Sustainability Grants to the Red River Valley and Portland Local Sections to support their efforts to deliver programming on sustainability and sustainable chemistry. Sustainability programming sponsored by CEI in partnership with the Division of Environmental Chemistry was offered at both the Northwest and Mid-Atlantic Regional Meetings this year. The Committees on Science, Corporation Associates, and Chemistry and Public Affairs continue to work cooperatively with CEI to provide the best possible policy recommendations to the ACS Board.

CEI remains committed to such partnerships, and encourages other divisions, committees, and units of the Society who are interested in projects focused on sustainability or public policy to work with CEI in these areas.

Ethics (ETHX)

Keith R. Vitense, chair, reported that the committee was informed of the submission for an ACS Symposium Series book based on its San Francisco symposium regarding authorship and intellectual property ethics. Also, a monograph entitled *The Importance of Ethical Conduct in Scientific Research* was approved by the committee. Mechanisms for the appropriate methods to disseminate this document were discussed.

The first “Outstanding Local Section Programming Related to the Promotion of Ethics in Chemistry” will be presented in 2018.

International Activities (IAC)

Ellene T. Contis, chair, reported that at this meeting the committee welcomed dignitaries from sister societies and partners in Australia, Germany, South Korea, and the UK, as well as leadership representatives from the

International Union of Pure and Applied Chemistry (IUPAC), the Federation of Asian Chemical Societies, the European Association for Chemical and Molecular Sciences, and ACS International Chemical Sciences Chapters, and International Student Chapters.

The committee heard reports on its key programs and activities: the ACS International Center; efforts with the U.S. Department of State for early career scientist and engineer training and chemical security and responsible conduct; Global Innovation Initiative programs; the ACS National Science Foundation (NSF) Chemical Sciences and Society Symposia; and the IAC's grants programs.

IAC welcomed the Minister-Counselor and Head of Section Science and Technology for the Embassy of the Federal Republic of Germany who spoke on "Science Diplomacy: Opportunities for Cooperation with Professional/Learned Societies." The committee heard an update on the ACS Asian Pacific International Chapters Conference, November 5-8, 2017 in Jeju, South Korea.

Minority Affairs (CMA)

Madeleine Jacobs, chair, reported that CMA, in conjunction with the Diversity & Inclusion Advisory Board (D&I), has developed a new ACS statement on Diversity and Inclusion, which was approved by the ACS Board Committee on Professional and Member Relations in June.

CMA and D&I discussed the recent tragic events in Charlottesville, Virginia, and urges ACS to take a timely, public stand, based on the diversity and inclusion statement and ACS's core values of diversity and inclusion, to condemn such activities.

CMA heard an analysis of the ACS Scholars Program, 1995-2016, that showed the program has been highly successful in supporting gifted students from under-represented groups to graduate from college in the chemical sciences. At this meeting, ACS recognized donors, mentors, and ACS Scholars, including 3M as a Visionary Partner with \$500,000 in cumulative giving, and the Chemical Marketing and Economics group of the ACS New York Section as a National Partner with \$100,000 cumulative giving.

Project SEED (SEED)

Anna G. Cavinato, chair, announced Project SEED, now in its 49th year, has impacted nearly 10,600 economically disadvantaged high school students across the nation. This summer 415 high school students are completing research experiences that may have a significant impact on their life and future careers. These students are currently placed in over 120 academic, governmental, and industrial laboratories under the supervision of nearly 400 volunteer scientists in 37 states, the District of Columbia and Puerto Rico. This outstanding participation is made possible by contributions from industry, academia, local sections, ACS friends and members, and the Project SEED Endowment

Public Relations and Communications (CPRC)

Jennifer L. Maclachlan, chair, reported that CPRC was a sponsor of a very successful ACS Webinars presentation titled "Improving your social chemistry: Science Communication on Facebook, Twitter and Other Online Platforms." The committee also cosponsored at this meeting an ACS-Royal Society of Chemistry symposium "Science Communications: The Art of Developing a Clear Message." CPRC is seeking to assist local sections and divisions with developing personalized public relations plans or 'makeovers'.

Senior Chemists (SCC)

Thomas R. Beattie, chair, highlighted some of the committee's recent programming activities. The "Newsletter for Senior Chemists" has attained high levels of readership and received very positive feedback, resulting in an increase of senior chemists contributing articles for the newsletter.

At this meeting, the committee co-sponsored and participated in the "Student Speed Networking with Chemistry Professionals," and plans are underway for a symposium at the New Orleans meeting.

SCC members worked with regional meeting organizers in planning senior chemists' events for the Middle Atlantic, Northwest, and Great Lakes Regional Meetings. Reports were provided and planning is being done for the Midwest and Rocky Mountain meetings. The Senior Chemists Group on the ACS Network now has a total of 245 members. Information about upcoming senior chemists' events led by the SCC and local sections are posted to the group.

Younger Chemists (YCC)

Natalie LaFranzo, chair, reported that at this meeting the committee participated in ACS President Allison Campbell's "ACS Chemistry on the Hill Advocacy Workshop." This workshop provided skills for advocating for the tremendous value of science and YCC looks forward to using these to harness ACS's passion for promoting science. This was further embodied by the committee's two programs at this meeting, "Chemistry in an Evolving Political Climate: Research Priorities & Career Pathways in Public Policy" and "The Road Less Traveled: Career Opportunities in the Government Sector."

As part of its "Catalyze the Vote" initiative, YCC will again host an interactive Live Virtual Town Hall on September 28 with the candidates for ACS President-Elect 2018.

YCC is a founding member of the officially-established International Younger Chemists Network (IYCN). The inaugural meeting of IYCN was part of the 2017 World Chemistry Congress in São Paulo, Brazil and included the signing of a Memorandum of Understanding with the International Union of Pure and Applied Chemistry.

New Business

Resolutions

The Council adopted the following resolutions:

9. BE IT RESOLVED That the Council of the American Chemical Society express to the officers and members of the Chemical Society of Washington, host section for the 254th National 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 to headquarters staff, for the planning and execution that have ensured the success of the 254th National Meeting.

10. BE IT RESOLVED That the Council of the American Chemical Society expresses to Allison A. Campbell, President of the Society in 2017, its sincere appreciation for her service as its presiding officer, and its gratitude for her 33 years as a member of the Society.

The Council is appreciative of her efforts to encourage members to communicate and advocate for their science to the general public and policymakers, her leadership in showcasing institutions in the United States and abroad that value cultures of safety, and her continued actions to promote sustainability throughout the chemistry enterprise.

The Council urges continued support for her efforts to promote the next generation of younger, diverse researchers; find innovative ways to convey the excitement of discovery that is inherent in science; and ensure we pursue activities that benefit humanity and improve the quality of our lives.

The Council extends to President Campbell and her spouse Julie its best wishes in their future endeavors, and for Dr. Campbell's continuing professional and personal achievements.

There being no further business, the meeting adjourned at 11:35 a.m.

Flint H. Lewis
Secretary

REPORT OF INTERIM ACTION, COUNCIL POLICY COMMITTEE

Since the meeting of the Council on August 23, 2017, the Council Policy Committee has taken the following action:

CPC 1-2017. VOTED to elect Dr. Mary K. Carroll as Vice-Chair of the Council Policy Committee for 2018.

NOMINATIONS FOR PRESIDENT-ELECT

Action Requested: The Committee on Nominations and Elections has selected the following nominees for 2019 President-Elect:

Harmon B. Abrahamson
Luis A. Echegoyen
Thomas R. Gilbert
Mary Virginia Orna

All have indicated their willingness to serve if elected. From these nominees, the Council must choose two as candidates for President-Elect. The biographies and position statements of the nominees are provided below.

ABRAHAMSON, HARMON B. *Red River Valley Section.* University of North Dakota, Grand Forks, North Dakota.

Academic record: University of Minnesota, B. Chem., 1974; Massachusetts Institute of Technology, Ph.D., 1978.

Honors: ACS Fellow, 2013; Tau Beta Pi; Phi Lambda Upsilon; NSF Predoctoral Fellow, 1975-78; Sigma Xi; National Merit Scholar, University of Minnesota, 1970-74.

Professional positions (for past 10 years): University of North Dakota, Professor 1995 to date; Interim Associate Vice President for Research and Economic Development, Research Development & Compliance, 2015; Associate Dean, Arts & Sciences, 2011-14; Department Chair, 1996-03, 2016-date; Associate Professor, 1988-95; Assistant Professor, 1984-88.

Service in ACS national offices: Council Policy Committee, (Voting) 2014-19, (Nonvoting) 2011-13; Committee on Constitution and Bylaws, 2008-13, Chair, 2011-13, Chair-Elect, 2010, Secretary, 2010, Committee Associate, 2006-07; Committee on Minority Affairs, 2003-10, Committee Associate, 2001-02.

Service in ACS offices: *Red River Valley Section:* Councilor, 2000-18; Alternate Councilor, 1998-99; Chair, 1989; Chair-Elect and Program Chair, 1988; Recording Secretary, 1987. *Great Lakes Regional Meeting:* Secretary, 2001-09, Program Chair, 2000.

Member: Member ACS since 1975. Tau Beta Pi; Sigma Xi, President, University of North Dakota chapter, 1994-95; Inter-American Photochemical Society. *ACS Division:* Inorganic Chemistry.

Related activities: Ohio State University, Visiting Associate Professor, 1991-92; University of Oklahoma, Assistant Professor, 1978-84; 39 publications; 41 presentations.

STATEMENT

Harmon B. Abrahamson

I am honored to be considered as a nominee for the presidential succession of the American Chemical Society. As a 43-year member, I have found value in my membership in an evolving set of ways. Even before I was a member, I began as a consumer, finding ACS journals to be an important source of information. Involvement in my local section not only helped me to build my network, it also gave me opportunities to hone my leadership skills. Service as Councilor, and as a member and chair of a national committee (Constitution & Bylaws) further extended those lessons, giving me a lot of insight into how our Society functions.

Since I will have just three years in the succession, the existence of a functional strategic plan serves as a useful way to focus my efforts. Of the core values expressed in that plan (passion for chemistry and the global chemistry enterprise; focus on members; professionalism, safety, and ethics; diversity and inclusion), I find greatest resonance with the last two. This stems largely from what I have encountered in my career in higher education, and through my service on the ACS Committee for Minority Affairs.

The strategic plan lays out four focus areas, or goals. I comment on them below in the order in which I, while serving three years in the presidential succession, could have the most impact.

Communicate chemistry's value

In my mind, one of the chief roles of the ACS President is to be our "Communicator in Chief." Some of my volunteer work for the Society has begun to prepare me for this role. I am an ACS Chemistry Ambassador, working with groups in our local section to engage the public with chemistry outreach events on campus, in the schools, and in the community. I have been part of the ACS Legislative Action Network (now Act4Chemistry) for many years, and regularly use that channel to keep my members of Congress apprised of issues of concern to chemists. (You should participate, too; it's easy!) I want to leverage these experiences into expressing the value of chemical industry, education, and research in solving the grand challenges we face going forward.

Support excellence in education

The roots of my career in higher education go back to my experiences doing free informal tutoring in the dorms as an undergraduate. I found that I enjoyed helping people learn. One of the important roles that ACS fills is to help ensure that undergraduate chemistry education programs are robust and can adapt to the continually changing landscape of expectations from employers and graduate programs. In addition, I see an increasing role for ACS in guiding the evolution of graduate education. While chemistry is indeed the "central science," we need to aid our graduate students as they train to work in an increasingly multi-disciplinary world.

Empower members and member communities

My first ACS service at the national level was on the Community for Minority Affairs, because I was directing minority student training and fellowship programs. I have also been a mentor to an ACS Scholar. I remain convinced that diversity of all kinds is important in the chemical enterprise. Problem solving is enhanced when we bring a variety of perspectives to bear. We need to continue to work to increase the diversity in our chemical education programs, so that it can be translated into greater diversity in the workforce.

Provide information solutions

Over the years, ACS has established itself as "the most authoritative, comprehensive, and indispensable provider of chemistry-related information" in the world. As an author, reviewer, and reader of ACS journals, I am proud that they set the standard in the field. In the ever-changing world of information services, we need to continue to constantly improve our products and approaches in order to remain relevant. Chemical Abstracts Service and ACS Publications are critical to the success of the Society.

I don't have all the answers, but I am a good listener. I look forward to working with all of you to plan detailed objectives to meet these goals.

Thank you for your consideration of my nomination.

ECHEGOYEN, LUIS A. *Rio Grande Valley Section.* University of Texas at El Paso.

Academic record: University of Puerto Rico, B.S., 1971; Ph.D., 1974; Postdoctorate, University of Wisconsin-Madison, 1975.

Honors: ACS Fellow, 2011; Herty Medal, Georgia Section, ACS, 2007; ACS Award for Recognizing Underrepresented Minorities in Chemistry for Excellence in Research & Development, 2011; Florida Section, ACS, Award, 1996; IUPAC Fellow, 2009; Alumni Research Award, Clemson University, 2007; Clemson University, College of Engineering and Science Award for Faculty Achievement in the Sciences, 2004; American Association for the Advancement of Science, Fellow, 2003; Fogarty Senior International Fellow, 1990 and 1997; University of Miami Provost's Scholarly Activity Award, 1997; Bausch & Lomb Honorary Science Award, 1968.

Professional positions (for past 10 years): University of Texas at El Paso, Robert A. Welch Professor of Chemistry 2010 to date; Clemson University, Professor 2002-10, Professor and Chair, 2002-06; National Science Foundation, Director, Chemistry Division, 2006-10; University of Miami, Professor, 1983-02, University of Puerto Rico, Rio Piedras Campus, Assistant-Associate Professor 1977-82, Union Carbide Corp., Bound Brook, NJ- Chemist I, 1975-77.

Service in ACS national offices: ComSci, 2005-08, Committee Associate, 2003-05; member of USNC of IUPAC, 2015-18; ACS Fellows Oversight Committee, 2016-18; George A. Olah Award in Hydrocarbon or Petroleum Chemistry Committee.

Service in ACS offices: *Chicago Section:* Gibbs Medal Jury, 2008-12.

Member: Member ACS since 1973. American Association for the Advancement of Science; Electrochemical Society.

Related activities: Editor in Chief, *Journal of Physical Organic Chemistry*, 2011 to date; Union Carbide Corporation, Chemist I, 1975-77; University of Puerto Rico, Río Piedras, Associate Professor, 1980-83; Assistant Professor, 1977-80; Program Officer in Chemistry Division-NSF, 1982-83; Member of Advisory Committee for Chemistry Division-NSF, 1986-89; Sabbatical at University Louis Pasteur with Professor Jean-Marie Lehn (as Fogarty Senior International Fellow), 1990; Sabbatical at Swiss Federal Institute of Technology Zurich in Switzerland with Professor Francois Diederich (as Fogarty Senior International Fellow), 1997-98; Member of Mathematical and Physical Sciences (MPS), Advisory Committee of the NSF, 2003-06; Member, Committee on Equal Opportunity in Science and Engineering (CEOSE), NSF, 2003-06; Editorial Board, *Journal of the Mexican Chemical Society* (JMCS), 2005 to date; Editorial Board, *Fullerenes, Nanotubes and Carbon Nanostructures*, 2006 to date; Vice-Chair, Gordon Research Conference on "Physical Organic Chemistry", 2009; Chair, Gordon Research Conference on "Physical Organic Chemistry", 2011; Member of the Board of Trustees, Instituto Madrileño de Educación Avanzada (IMDEA) Nanociencias (Spain), 2008 to date; Member of the Governing Board of the Council for Chemical Research, 2008 to date; Member of the International Advisory Board, Physical Chemistry of Solid Surfaces (PCOSS) Institute, Xiamen, China, 2009 to date; Distinguished Guest Professor, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, 2009 to date; published 301 journal articles, 42 book chapters; 328 invited lectures.

STATEMENT

Luis A. Echegoyen

Chemists almost unanimously agree about the centrality of their discipline among the sciences and its crucial role in providing the solutions to the grand challenge problems, which include sustainability, health and security. However, the biggest challenge that we face is to convince other scientists, government, and the public of this centrality and importance. If we want to be effective in convincing others about the importance of chemistry we need specific and realistic plans to effect change. Although change is the only element of life which is constant, effecting change is difficult and requires strong leadership based on conviction and experience. Eric Hoffer, author of *The Ordeal of Change*, wrote “In times of change, learners inherit the Earth, while the learned find themselves beautifully equipped to deal with a world that no longer exists”. I strongly believe that change is essential for advancement.

As president of ACS, I would:

Promote Inter- and Multidisciplinary Education and Research. Educating the future generations to succeed in an increasingly diverse, complex and multidisciplinary world necessitates creative approaches in the classroom and in the laboratories. Although we promote inter- and multidisciplinary education, curricular changes have been incremental at best, partly due to structural constraints and inertia. Through the Committee on Professional Training I would evaluate curricular alternatives that best exploit our rich diversity and reflect the ways in which chemical research is conducted in industrial and academic institutions. Real changes are needed to continue to thrive intellectually if our discipline is to remain vibrant.

Advocate Strongly for Increases in Research Funding. Using my academic and industrial experience, scientific expertise, and the knowledge acquired during my years at the NSF, my top priority would be to work closely with ACS public affairs staff, to educate and convince Congress that investing in basic chemical research is essential for the health of the U.S. innovation engine and the long range competitiveness and prosperity of the country. **Funding chemical research is not an expense, it is an investment for the country.** Investments in our field have been shown to yield substantial returns, both intellectual as well as economic. My years in Washington D.C. gave me a very broad and somewhat unique perspective that will be crucial to articulate a powerful and convincing case on behalf of our community.

Establish Closer Ties Between Industry and Academic Institutions. Our discipline is the only science with an associated industry that bears the same name. In order for the U.S. to retain a privileged position in worldwide science and innovation, the research and development enterprise in chemistry demands closer ties between industrial and academic sectors and requires a delicate balance between public and private funds. Industry can no longer expect that all of the basic research and education of future generations be exclusively supported with public funds nor can academic institutions plan to function as industrial centers. The ACS has a key role to play in bringing these sectors closer together and to help catalyze a positive and synergistic interaction for the collective good. Intellectual property issues have to be addressed and resolved, and as president, I would make this one of my top priorities.

Increase International Partnerships and Collaborations. Defining the fine dynamic balance between collaboration and competition at the international level is important to set the right path for the success of the U.S. International partnerships need to start at the very early educational stages *via* student exchanges at all levels and extend into cooperation in fundamental and applied research addressing grand challenge issues. ACS should encourage these interactions through the expansion of some of its existing programs in the Education Division, the Office of International Activities, and the Green Chemistry Institute and create new programs and cooperative funding mechanisms. To this end, I would strengthen and establish new partnerships with other professional societies in the U.S. and around the world.

In summary, if elected President of ACS, I would concentrate my efforts in catalyzing change at many levels, in multidisciplinary education, advocating on behalf of the profession, promoting closer university-industry ties, and enhancing international partnerships. I look forward to taking these challenges for the benefit of our community and to convince others of the centrality and importance of our discipline.

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

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

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

Professional positions (for past 10 years): Northeastern University, Associate Professor of Chemistry and Chemical Biology 1987 to date; Acting Chair, Department of Chemistry and Chemical Biology, 2015–16; Academic Director, Professional Science Masters Programs in Biotechnology, 2009-11.

Service in ACS national offices: Committee on Membership Affairs, 2017-18; Board of Directors, Director, District I, 2013-15; Councilor ex officio, 2013-15; Committee on Public Affairs and Public Relations, 2014-15; Committee on Professional and Member Relations, 2013-15; Subcommittee on Web Strategy and Innovation, 2013-15; Council Policy Committee (Voting), 2007-12, Vice-Chair, 2008-10; Long-Range Planning Subcommittee, Chair, 2008-12; Committee on Nominations and Elections, 2001-06, Vice-Chair, 2004-06; Committee on Meetings and Expositions, 1995-2000, Chair, 2000; Board of Directors Planning Committee, 2008-10; Task Force on Web-Based Resources for Volunteers, Chair, 2015-16; ACS Network Task Force, Chair, 2014; Task Force on Election Procedures, Chair, 2003-05.

Service in ACS offices: *Northeastern Section:* Councilor, 2017-19, 1990-2012; Chair, 1988; Chair-Elect, 1987; Alternate Councilor, 1987-89; Centennial Celebration Program Chair, 1998; Analytical Group Chair, 1983-86; Nominations Committee, 2016-17, Chair, 1989; Long-Range Planning Committee Chair, 1989. *Northeast Regional Meeting:* General Chair, 1993. *Division of Analytical Chemistry:* 46th Annual Summer Symposium on Analytical Chemistry, Co-Chair Organizing Committee, 1993.

Member: Member ACS since 1968. *ACS Divisions:* American Association of Chemistry Teachers, Analytical Chemistry and Chemical Education.

Related activities: ACS, Education Division, Examinations Institute, 2000; Analytical Chemistry Examination Committee, 1998-2000; International Symposia on High Performance Capillary Electrophoresis, Vice-Chair Organizing Committees, 1993-96, 1998, and 1999; New England Aquarium, Associate Director, Research, 1977-81; Published 45 journal articles and two general chemistry textbooks (in their 5th and 2nd editions), holds three patents.

STATEMENT
Thomas R. Gilbert

I welcome this opportunity to describe my priorities and what I would strive to accomplish if elected President of the American Chemical Society

Get ACS Growing Again

Those of us who are involved in ACS at the local and national levels are proud to be associated with the world's leading source of chemistry-related information and ideas. We also take pride in the ACS programs that promote chemical education and that lift up young people with limited financial resources but high aspirations. We also find value and personal satisfaction in the volunteer work we do for ACS and in the many relationships that evolve from that work.

The challenge ACS faces today is in creating ways for more of our members to experience the rewards of service to our profession and to the Society, and to find more value in being ACS members. Survey data tell us that members leave ACS because they do not perceive enough value in their memberships to justify their dues. As a result, our membership rolls have been shrinking in recent years, and our many attempts to reverse this trend have been unsuccessful.

As a former member of the Board and a current member of MAC, I've been involved in some of these attempts, and I've become convinced that getting ACS growing again will require more insight into the professional aspirations of our current – and prospective – members. With these insights, ACS will be in a better position to help members achieve their aspirations. ACS also needs to identify or develop ACS activities and programs that are better aligned to chemists' aspirations and that more effectively involve them in ACS. Online surveys are not well-suited to gaining these insights and identifying these activities; a more personal touch is required. Therefore, ...

If I am elected President, I will organize a cross-county campaign in which volunteers in every local section will reach out to their chemist neighbors to find out what they wish to achieve as chemistry professionals and how ACS membership can better help them in their quest. This campaign will connect with student members, early and mid-career professionals, chemists who have transitioned into administrative roles, and those approaching or past retirement. It will also address both sides of the membership cost–benefit ratio, and perhaps identify dues categories and benefits packages that have not yet been considered.

Education

Chemist employment data over the last decade show an unusually high rate of unemployment among newly graduated B.S. chemists, compared to earlier generations of graduates. Their unemployment rates were particularly high compared to those of experienced chemists at the height of the economic downturn, but are still higher even in the most recent data. These results have led some to ask whether our colleges and universities are preparing B.S. chemists for jobs that no longer exist or poorly preparing them for the jobs that do exist.

There are other ways to interpret the data, but they could be linked to the growing interdisciplinary nature of many of the new jobs in the chemical sciences, which needs to be reflected in how future chemists are educated. This education has to start early – in K-12 classrooms. If elected, I look forward to expanding my work with elementary and middle school science teachers and high school chemistry teachers to include teachers from across the country as they create learning activities that are both content-rich and that share the sense of investigation and discovery that we chemists find so rewarding.

I will also support efforts to address the concerns and implement the recommendations contained in the 2012 report of the ACS Presidential Commission, *Advancing Graduate Education in the Chemical Sciences*. I believe ACS should, in collaboration with sister scientific societies and federal funding agencies, take the lead in developing guidelines for Ph.D. programs in chemistry and the other sciences that align students' graduate experiences with the knowledge and skills they need for the fulfilling career paths that exist today and those that may emerge tomorrow.

ORNA, MARY VIRGINIA, *Division of History of Chemistry (New York Section)*. The College of New Rochelle, New Rochelle, New York.

Academic record: Chestnut Hill College, B.S., 1955; Fordham University, M.S., 1958, Ph.D., 1962; Catholic University of America, M.A., 1967.

Honors: ACS Fellow, 2010; Award for Volunteer Service, ACS, 2009; Henry Hill Award, Division of Professional Relations, ACS, 2008; John A. Timm Award, New England Association of Chemistry Teachers, 2007; Distinguished Scientist Award, Westchester Chemical Society, New York Section, ACS, 2004; George C. Pimentel, Award in Chemical Education, ACS, 1999; Visiting Scientist Award, Western Connecticut Section, ACS, 1996; Norris Award, Northeastern Section, ACS 1996; Fulbright Senior Scholar for Israel, 1994; Merck Innovation Award, 1989; CASE New York State Professor of the Year Award, 1989; CASE National Gold Medalist, 1989; CMA Catalyst Award, 1984.

Professional positions (for past 10 years): The College of New Rochelle, Professor, 1966 to date; Chemical Heritage Foundation, Director of Educational Services and Editor, *Chemical Heritage Magazine*, 1996-00.

Service in ACS national offices: Divisional Activities Committee, 2017-18; Local Section Activities Committee, 2015-16, Committee Associate, 2014; Council Policy Committee, 2008-13; Committee on Committees, 2002-07; Committee on Nominations and Elections, 1996-01, Vice-Chair, 2000; Committee on Divisional Activities, 1993-95; Society Committee on Education, Committee Associate, 1994-96; Committee on Meetings and Expositions, Committee Associate, 1992; *Journal of Chemical Education*, Publications Coordinator, 2002-07; ad hoc Committee on National Historic Chemical Landmarks, 2000-02.

Service in ACS offices: *Division of History of Chemistry:* Councilor, 1991-2020; Chair, 1983-84; Chair-Elect, 1982-83; Treasurer, 1989-90; Awards Committee Chair, 1989; Program Committee Chair, 1984-90. *Philadelphia Section:* Director, 1999-01. *Division of Chemical Education:* Chair, 1998, Chair-Elect, 1997; Treasurer, 1985-86; Nominations Committee Chair, 1981-83; Examinations Institute, Board of Trustees, 1983-02. *New York Section:* Education Committee, 1989-91.

Member: Member ACS since 1967. National Science Teachers Association; New England Association of Chemistry Teachers; Institute for Conservation of Historic and Artistic Works; History of Science Society. *ACS Divisions:* Chemical Education; Chemical Information and History of Chemistry.

Related activities: Committee on Meetings and Expositions, Program Coordination Conference Advisor, 1989-98; *Journal of Chemical Education*, Feature Editor, 1980-90; Program Chair of the 14th Biennial Conference on Chemical Education, August 1996; The Hebrew University, Visiting Professor, 1994-95; Shenkar College of Textile Technology, Visiting Professor, 1994-95; The Weizmann Institute of Science, Visiting Lecturer, 1994-95; National Institute of Environmental

Health Sciences, Visiting IPA Research Scientist, 1987-88; National Institutes of Health, Extramural Associate, 1984; New York University National Science Foundation Fellow, 1978; University of California, Los Angeles, Visiting Professor, 1977; Principal Investigator of ChemSource: *A Support Strategy for Pre-Service and Inservice Chemistry Teachers*, and numerous other grants; ACS Tour Speaker; organizer of numerous symposia for ACS meetings and Biennial Conferences of the *Division of Chemical Education*; author of seven books, editor of ten volumes including four ACS volumes, over 70 papers; book chapters and encyclopedia articles.

STATEMENT

Mary Virginia Orna

UNITED IN OUR PASSION FOR CHEMISTRY

Every facet of the chemistry enterprise – educational, manufacturing, pharmaceutical and medicinal, environmental, legal, economic – is a vital contributor not only to our quality of life, but to our very lives themselves! Our passion for chemistry celebrates this unique role that our discipline plays in society: chemistry feeds the world; chemistry clothes the world; chemistry heals the world; chemistry sustains the world.

Each one of us, as practicing chemists, has realized and embraced the vision of improving people's lives through the transforming power of chemistry because we, at an early age, were transformed by chemistry ourselves. I first experienced the power at the age of 10 when a chemistry set found its way into our house at Christmas. Never mind that the set was intended for my brother; never mind that if I did not have a brother, no chemistry set would have ever appeared to hand. But things have changed – we now recognize and promote chemistry as a discipline for everyone. It is a magic and mystery that clutched my childlike heart, and continues to exercise its magic in my life.

How can we transmit this passion to others, and especially to our young people? Unfortunately, chemistry's vital role goes unrecognized or ignored in the general society, which in turn creates problems: bright youngsters ignore our profession, government support for basic research is inadequate, and companies are cutting back on research, thus creating unemployment. Even the word "chemistry" has gone underground in many sectors.

What can we do to change the situation?? To make everyone: individuals, Academic, Government and Industrial entities realize the enormous importance of chemistry: our present and our future depend on the support of the chemistry enterprise.

Can I do it and how? I spent a lifetime teaching chemistry in order to show that chemistry is the basis of our life. I spent a lifetime promoting the importance of chemistry. The list could go on and on: support for basic research, interaction with industry, dissemination of information, developing projects with teachers, international cooperation, to mention only a few.

However, the President is only one person without a magic wand to accomplish everything overnight. It is a long process that needs everyone's cooperation: Divisions, Local Sections and, most importantly, individual members.

Divisions play a vital role in the American Chemical Society. Divisions are where the chemistry gets done. It is here that you address the "green edge of innovative thought" that, through new models and structures, eventually drives the educational system and the economy. The ACS Divisions are where you will find the creative innovators who generate ways to help realize the ACS vision, "improving people's lives through the transforming power of chemistry."

Local Sections are the life blood of the American Chemical Society. ACS officers and volunteers are unsung heroes and heroines whose devoted, selfless, community-based contributions have enabled ACS to become the world's largest scientific professional organization. It is on the local level that the public encounters the "face" of chemistry through your many outreach activities and work with students and children. The Local Section is where individual members gather for enrichment and for planning, where great ideas are launched for bringing chemistry to the public through such activities as National Chemistry Week.

ACS is a membership organization. Thus, our guiding principle, in whatever we do, should be to keep ACS members' best interests always at heart – weighing how each decision will affect the individual ACS member. We can have tens of thousands active supporters if the members realize that these activities will benefit ourselves.

The time is now! We must take courage and act. As a long-time leader of both the Chemical Education and History of Chemistry Divisions, I would like to close my statement on an historical note: Those who do not learn from the past will be condemned to repeat it! We must act now. I pledge my unstinting efforts and time to promote cooperation among members, to proclaim the benefits of chemistry in the public forum, and to enlist the support of the formidable ACS apparatus to do so. I ask for your vote to have the opportunity to move our profession forward on all of these fronts.

ANNOUNCEMENT OF NOMINEES, DISTRICT DIRECTORS

In accordance with the provisions of Bylaw V, Sec. 4, candidates for District Director are selected by the voting Councilors of the District to be served. The Committee on Nominations and Elections selected the following as nominees for a 2019-2021 term:

DISTRICT I
Mary K. Carroll
Katherine L. Lee
Gerard F. Parkin
Laura E. Pence

DISTRICT V
John E. Adams
Mark C. Cesa
Joseph A. Heppert
Catherine H. Middlecamp

Ballots as appropriate are now handled by Survey & Ballot Systems, our national election vendor using the procedures developed by the Committee on Nominations and Elections and approved by the Council, and have been emailed to voting Councilors residing in Districts I and V with the results of the balloting to be announced in *Chemical & Engineering News*, and at the Council meeting in New Orleans.

On or before October 10, ballots will be mailed to all members of District I and District V for election of a Director from each District.

PERTINENT BYLAW PROVISIONS GOVERNING ELECTION
OF DISTRICT DIRECTORS

Bylaw V, Sec. 4.

(c) On or before January 15, the Committee on Nominations and Elections shall transmit to the Executive Director of the SOCIETY the names of not fewer than four MEMBERS of the SOCIETY as nominees for each position of District Director to be filled. Each nominee must be entitled to vote in the District electing the District Director for which the nominee would be a candidate. When elected, each District Director may serve a complete term despite changes in Local Section or address or in any District boundary. (1/1/01)

(d) On or before March 1, the Executive Director shall send a preferential ballot to each Councilor in the District electing a District Director; the ballot shall contain the names of the nominees for District Director of that District, as selected by the Committee on Nominations and Elections. This primary election shall be conducted using procedures developed by the Committee on Nominations and Elections and approved by the Council. Ballots shall be returned no later than four weeks after the ballots are distributed. (1/1/16)

(e) 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 Executive Director 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. (10/19/04)

ANNOUNCEMENT OF CANDIDATES, DIRECTORS-AT-LARGE

Bylaw V, Sec. 3, a, provides that "On or before January 15, the Committee on Nominations and Elections shall transmit to the Executive Director of the SOCIETY 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 no later than May 1."

The election of Directors-at-Large will be conducted in the fall, with ballots mailed to the Council on or before October 10. The incumbents are Lee H. Latimer and Ingrid Montes. Lee H. Latimer and Ingrid Montes are eligible for reelection.

Other Directors-at-Large, whose terms continue, are as follows:

Dorothy J. Phillips2017-2019
Kathleen M. Schulz2017-2019
Wayne E. Jones, Jr.2018-2020
Barbara A. Sawrey.....2018-2020

The Committee on Nominations and Elections announces selection of the following candidates for Directors-at-Large for a 2019-2021 term:

Frank D. Blum
Lee H. Latimer
Ingrid Montes
Angela W. Peters

Biographies of the candidates follow.

BLUM, FRANK D. *Oklahoma Section.* Oklahoma State University, Stillwater, Oklahoma.

Academic record: Eastern Illinois University, B.S., 1976; M.S., 1977; University of Minnesota, Ph.D., 1981.

Honors: Special Service Award, ACS Polymer Division, 2010; Fellow ACS Polymer Division, 2010; ACS Fellow, 2009; Special Service Award, ACS Polymer Division, 2002; Distinguished Service Award, ACS Polymer Division, 2002; Regents' Professorship, Oklahoma State University, 2011; Outstanding Graduate Alumni Award, Eastern Illinois University, 2011; Harrison I. Bartlett Chair, Oklahoma State University, 2009; Guest Lecturer, Symposium on Polymer Science and Technology, Colombo, Sri Lanka, 2017; Distinguished Polymer Lecturer, Pittsburg State University, 2014; Plenary lecturer, Oklahoma Pentasectional ACS Meeting, Tulsa, OK, 2013; Clarence J. Karcher Lecturer, University of Oklahoma, 2004; Jefferson Smurfit Lecturer, University College Dublin, Dublin, Ireland, 2002; Distinguished Alumni Award, Eastern Illinois University, 2001.

Professional positions (for past 10 years): Oklahoma State University, Harrison I. Bartlett Chair and Regents' Professor of Chemistry, 2009 to date, Chair of Chemistry, 2009-16; University of Missouri, Rolla, Curators' Professor of Chemistry, 1994-10.

Service in ACS national offices: Council Policy Committee, (Voting), 2013-17, (Nonvoting), 2000-02; Committee on Nominations and Elections, 2005-10, Chair, 2009-10; Committee on Budget and Finance, Committee Associate, 2012, 2003-04; Younger Chemists Committee, Consultant, 2012; Committee on Divisional Activities, 1999-02, Chair, 2000-02, Committee Associate, 2003; Committee on Publications, 2018, 1997-01, Committee Associate, 2018, 1997-02, Consultant, 2007; Advisory Board for Industrial Relations, 2000-01; Advisory Board, Office of Technical Programming and Conferences, 2000-01; Task Force on Division and Local Section Allocation and Representation, 2003, 2000; Presidential Task Force on Bylaw Changes for Division and Local Section Support, 2001-02; Presidential Task Force on Electronic Council Communications, 2001; Canvassing Committee, Award for Volunteer Service to the ACS, 2003-05; Oversight Committee for ACS Fellows 2010-12; Canvassing Committee, ACS Award in Applied Polymer Science, 1992-95, Chair, 1994-95.

Service in ACS offices: *Division of Polymer Chemistry:* Bylaw Councilor, 2017, Councilor, 2011-16; Chair, 1999; Chair-Elect, 1998; Vice-Chair, 1997; Secretary, 1990-95; Webmaster, 1995-10; POLY e-list manager, 1993 to date. *Polymer Preprints*, Assistant Editor, 1986-90. *South Central Missouri Section:* Councilor, 1988-10. *Materials Secretariat:* Secretary General, 1996-97. *Midwest Regional Meeting:* Program Chair, 1997.

Member: Member ACS since 1976. MASUA Chemistry Chairs Group, North American Thermal Analysis Society. *ACS Divisions:* Colloid and Surface Chemistry; Polymer Chemistry; and Polymeric Materials: Science and Engineering.

Related activities: Joint CPC-N&E Working Group on Electronic Voting at Council, 2008; University of Missouri Research Board, Member, 2006-08; President, President-Elect, Secretary, Parliamentarian, University of Missouri-Rolla Academic Council, 2004-08; Chair, Graduate Council and Graduate Faculty (UMR), 1994-96; *Visiting Professor*, Physical Chemistry 1, Lund University, Lund, Sweden, 1997; *Visiting Scientist*, IBM Almaden Research Center, San Jose, CA, 1992; published 240+ publications; supervised 35 Ph.D., 22 M.S., 10 Postdoctoral, 13 undergraduate and 7 high school students in the areas of polymer science, colloid chemistry, NMR spectroscopy and friction materials.

LATIMER, LEE H. California Section. Consultant, LHLatimer Consulting, Oakland, California.

Academic record: Tulane University, B.S., 1971; University of Wisconsin, Ph.D., 1976; post-doctoral research, University of California–Berkeley, 1976-77; post-doctoral research, University of Wisconsin School of Pharmacy, 1977-79.

Honors: Howard Fawcett Chemical Health Award, Division of Chemical Health and Safety, ACS, 2016; Shirley B. Radding Award, Santa Clara Valley Section, ACS, 2014; ACS Fellow, 2012; Walter B. Petersen Award, California Section, ACS, 2010; Rochester Section Award, ACS, 1991; Lecturer, San Francisco State University, 2012; Chemical Sciences Excellence Award, Elan Pharmaceuticals, 2009; Gold Team Achievement Award, Kodak Research Labs, 1992; NIH Post-Doctoral Fellowship, 1977-79; Phi Beta Kappa, 1971; Sigma Xi, 1971.

Professional positions (for past ten years): Consultant in drug development, LHLatimer Consulting, 2011 to date; NeurOp, Inc., Head of Chemistry, 2014-16 (a virtual pharmaceutical company); Elan Pharmaceuticals, 1995-2011, Senior Director, Process and Analytical Chemistry, 2005-11, Chemical Hygiene Officer, 2004-10.

Service in ACS national offices: Board of Directors, Director-at-Large, 2016-18; Councilor ex officio, 2016-18; Committee on Public Affairs and Public Relations, 2016-18, PA&PR Liaison to Grassroots Units, 2017 to date; Board Strategic Planning Committee, 2011-12, Advisor, 2018; Council Policy Committee, (Voting) 2013-15, (Nonvoting), 2010-12; Task Force on Councilor Divisor, 2015, Chair, 2015; Task Force on Councilor Travel Reimbursements, 2013-14, Chair, 2013-14; Committee on Local Section Activities, 2007-12, Chair, 2010-12; ACS Fellows Oversight Committee, 2010-11; Committee on Public Relations and Communications, 2003-06, 1994-98, Committee Associate, 2001-02, 1993; Board Committee on Planning, 2010-12; Leadership Institute, Track Leader for Local Sections, 2010-12; Leadership Institute Planning Group, 2011-12; Canvassing Committee, Grady-Stack Award, 1996-98.

Service in ACS offices: *California Section:* Councilor, 2004-15; Alternate Councilor, 2003; Chair, 2004; Chair-Elect and Program Committee Chair, 2003; Member-at-Large to Excom, 2017 to date; Long Range Planning Committee, various committees. *Division of Organic Chemistry:* Liaison to Multi-Program Planning Committee, 2014-15. *Rochester Section:* Alternate Councilor, 1991-93; Chair, 1988; Chair-Elect, 1987; NCW Chair, 1989-1992, many other committees. *Philadelphia Section:* NCW Committee, 1993-94. *Santa Clara Valley Section:* NCW Committee, 1998. *Western Region Board:* Chair, 2014-16; Vice-Chair, 2010-13. California Section Representative, 2007 to date. *Western Regional Meeting:* General Co-Chair, 2013. *Northeast Regional Meeting:* Organic Program Chair, 1981.

Member: Member ACS since 1972. American Association for the Advancement of Science; American Association of Pharmaceutical Scientists; National Organization for the Professional Advancement of Black Chemists and Chemical Engineers; Society for the Advancement of Chicano and Native American Scientists. *ACS Divisions:* Business Development and Management; Chemical Education; Chemical Health & Safety; Chemistry and the Law; History of Chemistry; Industrial & Engineering Chemistry; Medicinal Chemistry; Organic Chemistry; and Small Chemical Business.

Related activities: District VI Caucus Chair, 2009; LSAC Sub-Committee on Grants and Awards, Chair, 2008-09; Chemists in the Community, Co-organizer, San Francisco ACS National Meeting, 2006; Interview Skills Workshops, Co-founder, joint project of California and Santa Clara Valley Sections, and NorCal Section of AIChE, 2004 to date; Tulane University, School of Science and Engineering Board of Advisors, 2006 to date; University of California–Davis, R. Bryan Miller Symposium Committee, 2013-15; Rochester Council of Scientific Societies, President, 1990-93; Mentor in FAST Program of advisors to entrepreneurs in California Life Sciences Assn., 2017-present; Tutor in Encorps Educators program, 2015-16; Kodak Research Labs, 1979-93; Sterling Winthrop Inc., 1993-95; Adjunct Professor, Rochester Institute of Technology, 1985; Visiting Adjunct Professor, University of Rochester, 1982-83; Co-inventor on >55 issued U.S. Patents, > 35 publications and invited presentations.

MONTES, INGRID *Puerto Rico Section.* University of Puerto Rico, San Juan, Puerto Rico.

Academic record: University of Puerto Rico, B.S., 1980; Ph.D., 1985.

Honors: IUPAC 2017 Distinguished Women in Chemistry or Chemical Engineering Awards, ACS Volunteer Service Award, 2012; ACS Fellow, 2010; Igaravidez Award, ACS Puerto Rico Section, 2006; Salute to Excellence Award, Committee on Community Activities, National Chemistry Week Coordinator, 2004; Chemical Education Award, ACS Puerto Rico Section, 1999; Fellow International Pure and Applied Chemistry, 2006; Academic Excellence and Productivity Award, University of Puerto Rico, 1997.

Professional positions (for past ten years): Assistant Dean of Graduate Studies and Research, College of Natural Sciences, University of Puerto Rico-Río Piedras Campus, 2015 to date; Professor, University of Puerto Rico-Río Piedras Campus, 1998 to date, Pre-MARC Program Coordinator, 1992-2015.

Service in ACS national offices: Board of Directors, Director-at-Large, 2013-18; Councilor ex officio, 2013-18; Board Globalization Liaison 2018; Committee on Professional & Member Relations, 2013-18, Chair 2017; Web Strategy & Innovation Subcommittee Chair 2014-16; Committee on Grants & Awards, 2015-16; Committee on Public Affairs & Public Relations, 2013-14; Task Force on Governance Design 2016-18; Development Advisory 2015-18; Volunteer Leader for the SEED Anniversary Appeal 2018; Committee on Committees, 2010-12; Committee on Education, 2001-09; Committee on Community Activities, 2004-09, Chair, 2007-09; Editorial Board, *Journal of Chemical Education*, 2010 to date; National Chemistry Week Task Force, 1999-04; Advisory Board, *ChemMatters* Magazine, 2006-09, Chair, 2007-09; Task Force on Undergraduate Education, 1999-01.

Service in ACS offices: *Puerto Rico Section:* Councilor, 1999-13; Chair, 2011, 2003, 1995; Chair-Elect, 2010, 2002, 1994; Treasurer, 1998; Alternate Councilor, 1996-97; Secretary, 1992-93; Faculty Advisor of the Student Affiliate Chapter of the University of Puerto Rico-Río Piedras 1989 to date; Puerto Rico National Chemistry Week Coordinator 1989 to date; CCED Coordinator 2008 to date. *Division of Chemical Education:* National Meetings Program Committee, 2002-08; Long Range Planning Committee, 2004-15, Chair 2010-15; 2007 ACS Fall National Meeting, Program Co-Chair. *Southeast Regional Meeting:* General Chair, 2009; Chair, Theme Team for the International Year of Chemistry Celebration, 2011; Representative of the ACS at the IUPAC 2011 Organizing Committee.

Member: Member ACS since 1980. International Union of Pure and Applied Chemistry; American Association for the Advancement of Science; Puerto Rico Chemists Association. *ACS Divisions:* Chemical Education; History of Chemistry; Organic Chemistry; and Professional Relations.

Related activities: Founder of the “Festival de Química” (development of resources and implementation) of international events held in over 18 countries for the American Chemical Society (including Colombia, México, Chile, Perú, Panamá, Malaysia, Hungary, Australia, Taiwan, Nigeria, China, etc.); Coordinator of the ACS webinars in Spanish; PI & Organizer of the project: Are Women Still Underrepresented in Science? ACS Challenge Grant for the 2011 IUPAC World Congress.

PETERS, ANGELA W. *South Carolina Section.* Claflin University, Orangeburg, South Carolina.

Academic record: Hampton University, B.S., 1987; Hampton University, M.S. 1994; University of South Carolina, Ph.D., 1998.

Honors: E. Ann Nalley ACS Southeastern Regional Award for Volunteer Services, 2017; E. Ray McAfee Distinguished Service Award, South Carolina Section, ACS, 2013; Louis Stokes South Carolina Alliance for Minority Participation Distinguished Service Award, 2012; ChemLuminary Award, ACS Women Chemists Committee for Outstanding Outreach to Girls in Elementary Education, 2011; Stanley C. Israel Award for Diversity, Southeastern Region of the ACS, 2010; South Carolina Governors Professor of the Year, 2005; National Millennium Award for Excellence in Teaching-White House Initiative on HBCUs, 2004; James E. Hunter Excellence in Teaching, 2004, Claflin University; Time Warner Cable Unsung Hero Award, 2004; Recognized by the United States Department of Agriculture as providing Outstanding Service and Performance to the USDA-Agricultural Research Services South Atlantic Region Summer Internship Program, 2001; Outstanding Women Graduate Student Research Paper, University of South Carolina, 1998; South

Carolina Statewide Research Conference Outstanding Poster Award, 1997; American Association for Cancer Research Minority Scholar Award in Cancer Research, 1996-2000; Sigma Xi National Scientific Research Society, 1996; South Carolina Academy of Science Graduate Research Award, 1996; Sigma Xi Graduate Research Award, 1996; National Institute of Health Supplemental Research Fellowship, 1995-97; Hoechst Celanese Specialty Division Academic Scholarship, 1992.

Professional positions (for past 10 years): Vice Provost for Academic Programs, Claflin University, 2013 to date; Director, Center for Excellence in Teaching, 2014 to date; Chairperson of Chemistry, Claflin University, 2001-13; Professor Department of Chemistry Claflin University, 2007.

Service in ACS national offices: ACS Taskforce on Undergraduate Programming, 2004-07, Chair, Undergraduate Programming at national ACS meeting, Atlanta, GA, 2006

Service in ACS offices: *South Carolina Section:* Chair, 2012, 2010; Chair-Elect, 2011, 2009; Alternate Councilor, 2008. *Southeast Regional Meeting:* General Chair, 2016; Executive Board, 2011-17; Secretary, 2011-14.

Member: Member ACS since 1996. *ACS Divisions:* Biochemistry; Chemical Education.

Related activities: ACS Student Affiliate Chapter, Advisor, 2001 to date; South Carolina Experimental Program to Stimulate Competitive Research (EPSCoR) and Institutional Development Awards (IDeA) Executive Committee and Steering Committee, 2014 to date; IDeA Networks of Biomedical Research Excellence (INBRE) Steering Committee, 2011 to date; Richland School District Two (Columbia, SC), Institute of Innovation Advisory Board, 2014 to date; High School for Health Professions (Orangeburg, SC), former chair and current board member, 2010 to date; American Reading Company, (King of Prussia, PA) Advisory Board, 2012-15; GEMSS (Girls Emulating Maturity Strength and Scholarship) Advisory Board, Claflin University, 2001-14; MUSC-IRACDA (Institutional Research and Academic Career Development Awards) Advisory Board (Charleston, SC), 2008-12; Southern Education Foundation South Carolina Task Force, Commission on Higher Education: Higher Education Sub-committee, 2001-08; Science Columnist for the Times and Democrat, 2002-07; book chapters; publications, magazine articles, technical presentations; invited speaker/keynote speaker; workshop presenter, panelist, federal and private funding principal investigator; national panel reviewer.

REQUEST FOR SUGGESTIONS FOR 2020 DIRECTORS AND SOCIETY OFFICERS

A Reminder

The Committee on Nominations and Elections needs the aid of Councilors in discharging the following responsibilities specified in the Bylaws:

1. receiving from members suggestions of persons who should be considered when selecting proposed nominees for SOCIETY offices
2. preparing a panel of nominees for District Directors and President-Elect, and of candidates for Directors-at-Large

The Committee asks each Councilor to examine the following list of positions to be filled on January 1, 2020, and the list of those continuing in related posts. Names of individuals suggested for nominations should then be inserted in the appropriate blanks. These sheets can be left on the table near the door as you leave the Council meeting, or emailed to the Chair of the Committee: Dr. Les W. McQuire - nomelect@acs.org

PRESIDENT-ELECT

Incumbents in the 2018 Presidential succession are: President, Peter K. Dorhout; President-Elect, Bonnie A. Charpentier; and Immediate Past President, Allison A. Campbell. Nominees for President-Elect in 2019 are, Harmon B. Abrahamson, Luis A. Echegoyen, Thomas R. Gilbert, and Mary Virginia Orna. From this list, two will be selected at this Council meeting to run (along with any others nominated by petition) as candidates for election this fall (see Council agenda **Item IV, A, pages 19-27**).

DESCRIPTION OF DUTIES AND DESIRED CHARACTERISTICS FOR PRESIDENT-ELECT NOMINEES

The President is the Primary Spokesperson and Representative of the Society

Some Major Duties:

- Work with the Board of Directors to identify key themes and priorities; supports those themes with presidential programming at National Meetings
- Preside at Council meetings
- Work jointly with the Chair of the Board in the appointment of members to Committees
- Chair the Council Policy Committee
- Advocacy activities
- Spokesperson on ACS policies to the media around the world

Some Desired Characteristics:

- Ability to represent the Society on the world stage
- Ability to work collaboratively on and with the ACS Board of Directors
- Integrity and strong ethical character
- Strong commitment to advocate for chemistry
- Enthusiasm for the job
- Ability to communicate in writing and orally
- Business acumen
- Leadership Experience
- Visibility and credibility within the profession
- Vision and Ability to get things done
- Flexibility to travel
- Likes meeting and working with members

**DESCRIPTION OF DUTIES AND DESIRED CHARACTERISTICS
FOR DIRECTOR-AT-LARGE & DISTRICT DIRECTOR CANDIDATES**

The Board of Directors is the legal representative of the SOCIETY, and, as such, shall have, hold, and administer all the property, funds, and affairs of the SOCIETY.

Some Major Duties:

- Ensure the fiscal soundness and financial stability of the Society
- Review and approve the Society's annual operating budget
- Establish salary and compensation of ACS executives
- Review and approve new Society initiatives
- Establish and revisit Society policies
- Guide the ACS in accord with the mission and vision
- Ensure that the ACS meets the needs of its members, its constituents, and the profession
- Attend Board & Council meetings; execute assigned duties; represent the Board at other events
- Minimum time commitment: 30-45 days per year

Some Desired Characteristics:

- Integrity and strong ethical character
- Strong communication skills
- Ability to collaborate with others in the accomplishment of goals and creation of new programs
- Business and budget acumen
- Willingness to make tough decisions
- Demonstrated leadership and governance experience
- Commitment to the Society's goals and strategic plan
- Broad vision and strategic thinking
- Places welfare of the Society above personal ambitions
- Team Player
- Likes meeting and working with members

DIRECTORS-AT-LARGE

Incumbents whose terms expire at the end of 2019 are Dorothy J. Phillips and Kathleen M. Schulz. Dorothy J. Phillips is eligible for reelection. Kathleen M. Schulz is ineligible.

Wayne E. Jones, Jr., Lee H. Latimer, Ingrid Montes and Barbara Sawrey, are other Directors-at-Large. From the following candidates (plus any nominated by petition), two will be elected this fall for a three-year term, 2019-2021: Frank D. Blum, Lee H. Latimer, Ingrid Montes and Angela W. Peters (see Council agenda **Item IV, C, pages 29-33**).

DIRECTOR, DISTRICT II

Elected by members of local sections having their headquarters in Indiana (except the St. Joseph Valley and Wabash Valley Sections), Kentucky, Michigan (except the Kalamazoo and Upper Peninsula Sections), North Carolina, Ohio, Tennessee (except the Memphis Section), Pennsylvania (except the Central Pennsylvania, Erie, Lehigh Valley, Penn-York and Susquehanna Valley Sections), Virginia, West Virginia; and those members with addresses in the states of Indiana (except the counties of Lake and Porter), Kentucky, Ohio, Michigan (except Dickinson County), Tennessee, Virginia and West Virginia who are not assigned to local sections.

The incumbent, Christina Bodurow, is eligible for re-election.

DIRECTOR, DISTRICT IV

Elected by members of local sections having their headquarters in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, South Carolina, Tennessee (except the East Tennessee, Nashville and Northeast Tennessee Sections), Texas, and the Commonwealth of Puerto Rico; and those members with addresses in Arkansas (except the counties of Ashley, Bradley, Calhoun, Columbia, Drew, Hempstead, Lafayette, Miller, Ouachita, and Union), Georgia (except the counties of Catoosa, Chattooga, Dade, Walker, and Whitfield), Louisiana and certain counties in Texas who are not assigned to local sections.

The incumbent, Rigoberto Hernandez, is eligible for re-election.

OTHER DISTRICT DIRECTORS

The other District Directors who continue in office beyond 2019 are:

Teri Quinn Gray, District III
Paul W. Jagodzinski, District VI

District Directors will be elected this fall for the 2019-2021 term to represent Districts I and V. The slates of nominees are (see Item IV, B, page 28):

DISTRICT I
Mary K. Carroll
Katherine L. Lee
Gerard F. Parkin
Laura E. Pence

DISTRICT V
John E. Adams
Mark C. Cesa
Joseph A. Heppert
Catherine H. Middlecamp

REQUEST FOR SUGGESTIONS FOR 2020 SOCIETY DIRECTORS AND OFFICERS

Attention: Dr. Les W. McQuire
nomelect@acs.org

Dear Dr. McQuire:

I propose the following MEMBERS for consideration by the Committee on Nominations and Elections:

PRESIDENT-ELECT

Name _____ Name _____

Affiliation _____ Affiliation _____

DIRECTOR-AT-LARGE

Name _____ Name _____

Affiliation _____ Affiliation _____

***DIRECTOR, DISTRICT II**

Name _____ Name _____

Affiliation _____ Affiliation _____

***DIRECTOR, DISTRICT IV**

Name _____ Name _____

Affiliation _____ Affiliation _____

Suggested by: (Name Optional)

(Local Section or Division Affiliation)

*See preceding pages for territory

(This form must be received no later than May 15, 2018.)

BALLOT COUNTS, PREVIOUS ELECTIONS

The Committee on Nominations and Elections regularly reports in the Council agenda the numerical results of balloting from nominations and elections at the previous meeting and of interim mail balloting. The following tabulations give the numerical results of the balloting at the August 23, 2017 meeting of the Council for election of members of the Council Policy Committee, Committee on Committees, and Committee on Nominations and Elections; and of mail ballots for election of President-Elect, Directors of District III and VI, and Directors-at-Large (October 30, 2017).

COUNCIL POLICY COMMITTEE

*Karl S. Booksh	209	Lydia E. M. Hines	165
James C. Carver	180	Will E. Lynch	190
Dwight W. Chasar	140	*Zaida C. Morales-Martinez	215
**Ella L. Davis	203	Barbara P. Sitzman	150
*Mark D. Frishberg	207	*Linette M. Watkins	260

COMMITTEE ON COMMITTEES

*Mitchell R. M. Bruce	225	Judith M. Iriarte-Gross	163
*Jetty Duffy-Matzner	223	Russell W. Johnson	123
Rick Ewing	177	*Diane Krone	192
Barbara R. Hillery	115	*Robert A. Pribush	227
*Martha G. Hollomon	187	Susan M. Schelble	184

COMMITTEE ON NOMINATIONS AND ELECTIONS

*Michael Appell	165	*Neil D. Jespersen	237
Anthony W. Addison	159	*Mamie W. Moy	269
Joe D. Allison	103	*Eleanor D. Siebert	252
Mark A. Benvenuto	149	*Julianne M. D. Smist	228
Arindam Bose	140	Keith R. Vitense	134

PRESIDENT-ELECT

*Bonnie A. Charpentier	8,037
Willie E. May	6,714

DIRECTOR-AT-LARGE	Round 1	Round 2	Round 3
Kenneth P. Fivizzani	50	--	--
*Wayne E. Jones, Jr.	146	159	187
Bonnie (Helen A.) Lawlor	68	81	--
*Barbara A. Sawrey	101	120	159

DIRECTOR, DISTRICT III

Alan B. Cooper	867
*Teri Quinn Gray	1,166

DIRECTOR, DISTRICT VI

Rita R. Boggs	704
*Paul W. Jagodzinski	1,177

*Individual Elected

** Elected for a one-year term (2018) to fill vacancy

REPORT OF THE PRESIDENT

Be prepared, is my motto – not too surprising. So, I have continued to focus on being prepared – focusing on how ACS can help our members be prepared for the employment options that await, be prepared for life-long learning, and be prepared for what could happen in their learning or workplace environment.

Preparing to become the President, I continued my listening tour of members both here and abroad. I had the good fortune to present the Citation for a Chemical Breakthrough to the University of Illinois School of Chemical Sciences for work done by Prof. Herb Gutowsky on ^{19}F -NMR during the sesquicentennial celebration of the university and meet with other University of Illinois alumni and members. My other fall events included attending the Midwest Regional Meeting, the Rocky Mountain Regional Meeting, and the Columbus Local Section meeting, where I shared my background and passion for chemistry and introduced my goals for the year. I also represented the ACS at the Federation of African Societies of Chemistry in Arusha, Tanzania, and LABTECH in Bahrain. On those trips, I met with representatives from our international chapters and student chapters and encouraged continued engagement with ACS. As a follow-up, I met via the web with the leadership of the Saudi Arabian International Chemical Sciences Chapter to discuss how to promote safety education within the Kingdom and across the Middle East. I started 2018 with a trip to NESACS in snowy Boston at Nova Biomedical, and jumped right in to the Leadership Development Institute in Dallas, TX, where I spent time with our emerging leaders in learning.

Prepared to Promote Safety

Working with leadership in the Society and ACS Staff, we started out the year with a Safety Summit in Washington, DC. With over 2 dozen stakeholders, we organized a gathering in early February to focus the Society's effort on RAMPing up our focus on laboratory safety – Recognize hazards, Assess risks, Minimize risks, and Prepare for emergencies. More detail will be revealed in my oral report on what we accomplished. In 2017, the Board approved a Program Funding Request to fund the development of an ACS certificate in laboratory safety, and my plan is to roll this out at the Boston ACS meeting in August. This could not be accomplished without the many dedicated member volunteers who have served as subject matter experts, the corporate sponsors, and the many others who will continue to volunteer their time and talent to prepare our members for the workforce.

Prepared to Create a Diverse & Inclusive Society

Traveling around the world to meet with our members has revealed much about how many different life experiences, cultures, and backgrounds influence how we chemists approach a problem. The larger the task, the more we need different points of view to accomplish that task. Including those viewpoints in our profession is key to its future successes. We have been preparing future chemists from diverse backgrounds in ACS for 50 years through Project SEED, and its follow-on college scholarship and mentoring program, ACS Scholars, for 23 years. To celebrate this milestone and promote our many excellent alumni, I worked with ACS staff to create a weekly highlight feature on the ACS website that is a showcase of their outstanding talent <http://www.acs.org/scholars>. Did you know that over 90% of all students in ACS Scholars mentoring program have graduated with a bachelor's degree? More than 50% of those graduates have pursued an advanced degree, and nearly 300 have completed a Ph.D. Few programs anywhere can boast such accomplishments and that have had such an impact on several generations of professionals. Please join me in supporting the future leaders of our profession and our Society at our national meeting in Boston in August, where you will hear from some of our most successful alumni.

Prepared for New Orleans

I have appreciated the overwhelming support from ACS members who have stepped up to help us celebrate our return to the Big Easy. Coffee and beignets at the Café du Monde inspired my symposium on best practices of hosting a science café, which was organized by several ACS leaders who make communicating science to the public a regular part of their routine. New Orleans has been challenged with water management over its 300-year history, which inspired a session on how chemists address water – quality, quantity, and sustainability. The Crescent City is at the nexus of food, water, and energy, so it was fitting to coordinate with our members in hosting an interdisciplinary program on the intersections of these life-critical topics.

A special thanks to all the ACS volunteers who have been doing excellent things this year and have been reaching out to help me achieve my goals. Nothing happens at ACS without volunteers! My meetings with members this year have been an informative dialog about how we can continue to make ACS the leading scientific society.

Peter K. Dorhout

REPORT OF THE PRESIDENT-ELECT

Thank you to Councilors and other members who reached out to me to share ideas during the last year. I have been touched and exhilarated by encouragement from our members around the world. Thanks especially to those who asked challenging questions or made concrete suggestions for change. The collective wisdom of our diverse membership is powerful and I hope to employ it effectively.

It might be expected that my long involvement with ACS would lead to some weariness, particularly with work in long-standing programs. Interestingly, I find the reverse is true. I feel an amazing influx of energy, and find that I am viewing things with new perspectives, a phenomenon likely due to interacting with you and other members to hear individual viewpoints and ideas, as well as an urgency driven by the fact that the presidential succession term goes by quickly.

I've had the privilege of working closely with several members during their presidential succession years and learned a lot from that experience. I've said at Council previously that I believe the role of the ACS president is to communicate and collaborate. Collaboration among the members of the presidential succession is a key to sustainable initiatives, and I am honored to follow two members who have chosen areas of focus that resonate with me. I believe it is of the greatest benefit for all of us, and ACS, to ensure the sustainability of our initiatives by being cognizant of, and building on, what has gone before without being limited by it.

The first area I plan to focus on is **Advocacy**. The times demand it. We need to stand up for science ever more effectively, particularly for science education and the integrity of the scientific method. We need to not only expand the involvement of members in national programs such as Act4Chemistry, but also expand the involvement of our members at the state and local level. I look forward to collaboration across ACS to build our effectiveness.

I look forward to enabling better communication and **collaboration** across ACS and between ACS and other societies with shared goals. I also want to gain a better understanding of what works and doesn't to foster effective collaborations between academia and industry. There are many areas of potential collaboration such as our newest core value of safety, our continuing efforts for employment of chemists, environmental issues, and global outreach programs.

In January, I participated in the Leadership Institute. This program is illustrative of how ACS programs can evolve and support our volunteer members. The first such conference I attended was 30 years ago, a weekend of training for local section chair-elects. That training was crucial to me in learning about the responsibilities of my new volunteer position and making connections (and lasting friendships) with chair-elects of other sections. The Leadership Institute today provides focused training for volunteers in new positions such as committee, division, and local section leaders, the Younger Chemists Committee and student leaders, as well as being a venue where other groups, such as regional meeting planners and executive committees of divisions meet and plan. Leadership Development Courses provide broader training and development opportunities, the Resource Fair provides information about ACS resources, posters from ChemLuminary winners provide great ideas, and there are multiple opportunities for interactions among members of all the groups. This is an amazing conference which has morphed and grown over the years; the Institute not only provides training, it is the genesis of many collaborative projects.

As I finalize areas of focus and plans for 2019, I continue to welcome your ideas. Please open your imaginations to suggest ways to strengthen our amazing community of chemists and *improve people's lives through the transforming power of chemistry*. Please feel free to contact me at b.charpentier@acs.org. Thank you again for your support and your friendship.

Bonnie A. Charpentier

REPORT OF THE IMMEDIATE PAST PRESIDENT

My Fellow Councilors, it is hard to believe that I am in my last year of the Presidential succession. Before I “pedal” into the sunset, I still have much to continue from some of my initiatives.

As you may recall last fall and in collaboration with the ACS Office of External Affairs and Communications, I hosted a presidential workshop called ACS Chemistry on the Hill Advocacy Workshop during the Washington, D.C. meeting. I am pleased to announce that we will again be hosting another workshop at the National Meetings in New Orleans and Boston in 2018. We are designing these workshops to provide ACS members with useful advice on how to engage with Congress, as well as hands-on training opportunities via interactive role-playing. In addition, we will also be rolling out this program at the Central and Northwest Regional Meetings this year. It is my hope that we can then transform this activity into a “Program in a Box” for our local sections.

During the Boston National Meeting, I will host a reception to acknowledge and honor all the participants from these workshops. This will provide them an opportunity to share learning experiences, best practices, network and for me to thank them for their efforts. With impending budget cuts possibly affecting large swaths of our scientific and research community, it is imperative that we are able to speak to policymakers and explain the impact these reductions in funding would have for our science and our well-being.

At the New Orleans meeting, and in collaboration with the Royal Society of Chemistry and the German Chemical Society, we are hosting the workshop *How Chemistry Can Earn Public Trust* that will highlight the role that trust plays in communicating science to the general public. Through panel discussions and break-out exercises with the audience, we will explore how trust is built and lost, what effect this has on science communication, and what those communicating science must do to establish and retain trust among non-scientific audiences. This workshop follows on the heels of a similar collaborative event hosted by our three chemical societies focused on *Science Communications: The Art of Developing a Clear Message* during the fall ACS National Meeting in Washington, D.C. With input and collaboration of our three Societies, we aim to demonstrate the importance of communications and establishing trust for the best interests of chemistry, enabling chemists around the world with tools to engage within their communities.

Finally, as mentioned in my November 27 comment, this year I plan to lead the charge to help ACS local sections and members affected by disaster get the resources needed to recover from devastation. During my Presidential year, I toured a community in West Virginia that was affected by historic flooding, and heard from many members disrupted by the hurricanes that hit Houston, Puerto Rico and the US Virgin Islands. As a Society, we have the capability of reaching out to affected communities, cataloging their needs, and creating a clearinghouse for donations. Laboratory equipment and supplies, testing materials, and instruments would not only benefit areas hit by disaster, but would also benefit a new generation in historically underserved communities. Please contact me at a.campbell@acs.org if you wish to enlist or offer ideas in this effort.

Throughout my Immediate Past President year, I continue to look for your ideas and suggestions, and welcome the opportunity to hear from you.

Allison A. Campbell

REPORT OF THE CHAIR OF THE BOARD OF DIRECTORS

I am pleased to offer this first report to Council as Chair of the Board of Directors for 2018. The minutes of recent Board meetings and a report by my predecessor on the actions taken at the December Board meeting are included elsewhere in the agenda, so I will not recite ad nauseum items that you can read at your leisure, if you have not already done so. Instead, let me focus on some of those items that are most likely to occupy the Board's attention this year.

- The Board remains a committed partner with CPC in the ongoing Governance Design efforts. We believe it important that, working together, we ensure that the ACS governance structure is appropriate and responsive to the needs of the Society as we go forward towards our Sesquicentennial in 2026 and beyond. I would not want anyone to think that change is being pursued just for the sake of changing. If change does not result in more responsive governance, better communications, and greater member engagement, we would just be wasting the time and talent of many good members in the effort.
- We will be taking a hard look at the place of ACS in the global chemistry enterprise. The changing nexus of chemistry research and innovation cannot be ignored; a substantial fraction of ACS revenues flow from sources outside the US, and the number of high-quality manuscripts submitted to ACS journals by nondomestic authors continues to grow. Our job will be to identify and enunciate a clear strategy for moving forward, not forgetting our responsibilities to our domestic members and the US chemistry enterprise.
- It takes no special powers of observation to recognize that the demographics of those of us who entered the profession in the '70s, '80s, and '90s do not match those of the cohort beginning careers in 2018. One cannot count on spending an entire career with the same company, nor does that scenario necessarily appeal to our newest professional colleagues. They are a more diverse group, they have different expectations for social and professional interactions, and they are savvy in different ways than we were and are. To attract and retain younger members, we need to re-examine the value proposition that we offer our members, acknowledge that one model may not be universally attractive, and admit that joining ACS just because it is "what you do" does not cut it any longer.
- I hope that you attended the Open Board Meeting in DC last August, where you heard an overview of ACS policy advocacy efforts. We have a great team working the halls of Congress and the Federal agencies, but they need your help. Do not be shy about contacting your congressional delegation in support of ACS policy positions (see the Advocacy tab on the ACS website). Sign up for Act4Chemistry alerts if you are not already registered. Contact and educate your state and local officials when they propose measures that conflict with solid scientific principles. And, don't forget to thank them when they put solid, data-driven science above political ideology and expediency. Constituent opinions carry a lot of weight, so speak out for chemistry and science!

John E. Adams

MINUTES
REGULAR SESSION
BOARD OF DIRECTORS
AMERICAN CHEMICAL SOCIETY
WASHINGTON, DC
August 20, 2017

The Board of Directors of the American Chemical Society met in Washington, District of Columbia, on August 20, 2017, beginning at 12:00 p.m. Pat N. Confalone, Chair, presided. Other Directors present for all or part of the meeting were: John E. Adams, Christina Bodurow, Allison A. Campbell, William F. Carroll, Jr., Thomas M. Connelly, Jr., Peter K. Dorhout, Rigoberto Hernandez, Paul W. Jagodzinski, Lee H. Latimer, Ingrid Montes, Donna J. Nelson, Laura E. Pence, Dorothy J. Phillips, Barbara A. Sawrey, and Kathleen M. Schulz. Present by invitation for all or parts of the meeting were: Brian A. Bernstein, Brian D. Crawford, Kate Fryer, Manuel Guzman, Mary Kirchhoff, Martha K. Lester, Flint H. Lewis, Scott Oliphant, Glenn S. Ruskin, David T. Smorodin, John R. Sullivan, Frank E. Walworth, and Marleen G. Weidner. More than three hundred observers were present at various times during the meeting.

Call to Order and Chair's Report from Executive Session

Pat N. Confalone, Chair, opened the meeting by welcoming the attendees and introducing his Board colleagues. Next, he summarized the key actions and discussion points from the Board's executive session held August 18 - 19:

The Board's Committees

The Board of Directors received and discussed reports from its committees on the Petroleum Research Fund, Strategic Planning, Corporation Associates, Executive Compensation, Professional and Member Relations, the Society Committee on Budget and Finance, the ACS Governing Board for Publishing, and the Joint Board-Council Task Force on Governance Design.

- On the recommendation of the Committee on Professional and Member Relations, the Board voted to approve the Society's nominees for the 2018 Perkin Medal, and the 2018 National Science Board Public Service Award.
- On the recommendation of the Joint Board-Council Committee on Publications and an Editor Selection Committee, the Board voted to approve the appointments and reappointments of several editors-in-chief for ACS journals.
- On the recommendation of the Society Committee on Budget and Finance, the Board voted to approve the advance member registration fee for national meetings held in 2018; and to authorize two new program funding requests.

The Executive Director/CEO Report

The Executive Director/CEO and his direct reports provided updates to the Board on the activities of Chemical Abstracts Service (CAS) and the ACS Publications Division. He offered current and proposed strategies to increase membership in the Society; reported on safety initiatives, resources and security; and provided an update on the Atlantic Basin Conference on Chemistry (ABCChem) scheduled for January 2018. As part of his report, he invited the Treasurer to brief the Board on the Enterprise Financial Systems Program (EFSP), which is unifying several financial operations for Society staff; the Financial Planning Conference in early November; and ACS Development Activities.

Other Society Business

- The Board heard reports from members of the Presidential Succession on their current activities and those planned for 2018.
- The Board also held a discussion with officers and members of the board of directors of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE) on what governance participation might look like at the organizations' annual meetings, possible meetings between ACS and NOBCCChE at the ACS Leadership Institute, dual membership between both organizations, strategic alliance of student chapters at the local section and regional levels, and ACS Board participation at NOBCCChE Annual Conferences.

Reports of Officers

President

ACS President Allison A. Campbell thanked the attendees, volunteers and ACS staff for their participation in "The ACS Chemistry on the Hill Advocacy Workshop" that occurred earlier in the day and which provided younger chemists and other invitees with practical approaches and advice on engaging with members of Congress. She encouraged the audience to attend other Presidential programming for this national meeting: "Science Communications: The Art of Developing a Clear Message," in conjunction with the Royal Society of Chemistry (August 20), "Building a Safety Culture Across the Chemistry" (August 21), "Understanding the Chemistry of our Planet" (August 22), and the LGBTQ+ Reception (August 22).

Lastly, Dr. Campbell encouraged members to share their ideas and suggestions with her at a.campbell@acs.org.

President-Elect

ACS President-Elect Peter K. Dorhout stated that the "Objects of the American Chemical Society," crafted by the first assembly of chemists in 1876, will serve to guide his perspectives on where we should lead our society, in particular "the advancement of chemistry and all its branches," and "the promotion of research in chemical sciences and aiding the development of our country's industries." He reminded the audience of his main areas of focus: RAMPing up the culture of safety (Recognize hazards, Assess and Minimize risks, and Prepare for emergencies), improving the employment outlook for chemical professionals, and building an endowment for ACS Scholars. He announced that by the end of 2018, the ACS Scholars program will realize its 300th Ph.D. alumna or alumnus and asked members to join him as a benefactor.

Dr. Dorhout concluded by stating that he has enjoyed the first year of his presidential succession engaging so many of our members as well as Boy Scouts at the National Jamboree this past summer, and looks forward to an exciting 2018. He encouraged members to share their ideas and suggestions with him at p.dorhout@acs.org.

Immediate Past President

ACS Immediate Past President Donna J. Nelson reported that two volumes in the ACS book series are planned. The first, *Diversity in the Chemistry Community*, is partially based on three diversity-related symposia held during the spring 2016 national meeting in San Diego. The second is focused on reporting recommendations from her ACS President's Task Force on U.S. Employment in the Chemical Sciences, which she then highlighted. She announced that electronic copies of the task force's final report have been sent to all Councilors, and hardcopies are available upon request.

Dr. Nelson encouraged members to attend her sponsored programming for this national meeting: "Chemists of Courage" (August 22) and NASA's "Journey to Mars Symposium" (August 22).

Executive Director and Chief Executive Officer

ACS Executive Director and Chief Executive Officer Thomas M. Connelly stated that it is a pleasure to welcome attendees to Washington, the Nation's capital and home to ACS headquarters. This meeting's attendance will not equal our all-time record from last April in San Francisco, but it is nonetheless very strong, and the meeting has excellent programming. He announced that the bipartisan Congressional Chemistry Caucus, launched in 2016 in the House of Representatives, is now a bicameral caucus. An event marking the expansion of the Caucus to the Senate was held earlier this year in Washington. The caucus is a partnership between ACS, the American Chemistry Council (ACC) and the National Association of Chemical Distributors (NACD). The Caucus' mission is to educate Members of Congress, their staff and the public on the benefits of chemistry in today's society and its impact on our country.

Guest Presentation

Dr. Confalone then introduced the speakers for the meeting's presentation and discussion on the role ACS and its members play in advocating for adoption of important public policy priorities to foster scientific advancement and innovation. Mr. Glenn Ruskin, Director, External Affairs & Communications in the Office of the Secretary and General Counsel, and Mr. Anthony Pitagno, Director of Government Affairs and Outreach, External Affairs & Communications, spoke about the critically important role federal investment in basic research plays in driving U.S. innovation, job creation and economic growth. A brief question and answer session followed the presentation, first with the presenters, and then with the Board for general concerns and comments.

Before declaring the meeting adjourned, Dr. Confalone thanked all the participants and his colleagues on the Board for a successful meeting.

There being no further business, the meeting was adjourned at 1:05 p.m.

Flint H. Lewis
Secretary

**BOARD CHAIR'S REPORT
OF EXECUTIVE SESSION
ACTIONS AND DISCUSSION ITEMS
DECEMBER 2017**

At this meeting, the ACS Board of Directors considered a number of key strategic issues and responded with several actions.

Board Elections

The Board of Directors held two elections: the first to select the chair of the Board for 2018 and the second to elect members for its Executive Committee. The Board elected John E. Adams as chair for 2018; and also elected Paul W. Jagodzinski and Dorothy J. Phillips to fill terms on the Executive Committee. Dr. Jagodzinski will fill a two-year term and Dr. Phillips will fill a one-year term.

Board's Actions

- By consent, the Board voted to ratify interim actions on editors for three ACS journals; approve an ACS Science & Human Rights Recognition honoring Scholars at Risk; approve the continuation of the Shanghai and Thailand International Chemical Sciences Chapters; and approve the schedule and location of the June and December Board of Directors meetings in 2018.
- On the recommendation of the Planning Committee, the Board voted to approve the proposed ACS *Strategic Plan for 2018 and Beyond*. Substantive changes to the plan include: modifying Goal 1 and its descriptor to read "Provide Information Solutions: deliver indispensable chemistry-related information and solutions and to address issues facing the world's scientific community;" and modifying Goal 2 to read "Provide access to opportunities, resources, skills training, and networks to empower our members and member communities to thrive in the global economy." The plan will be posted at <http://strategy.acs.org/>
- On the recommendation of the Committee on Executive Compensation, the Board voted to approve several actions relative to compensation for the Society's Executive staff. The compensation of the Society's executive staff receives regular review from the Board in fulfillment of its fiduciary responsibilities.
- On the recommendation of the Committee on Budget and Finance, the Board voted to approve a 2018 ACS Operating Budget with a Net Contribution of \$29,625,000, and to approve the 2018 Proposed Capital Budget of \$36,387,000.
- The Board approved several recommendations from the Financial Planning Conference conducted in November 2017 to strengthen and update financial guidelines.
- On the recommendation of the Development Advisory Board, the Board voted to approve a 2018 fundraising goal of \$3.5M; and to designate Project SEED (50th Anniversary 2018), Project SEED Endowment; the ACS Scholars Program and Scholars Program Endowment; and Advancing Chemistry Teaching as fundraising priorities for 2018. The Board also approved a new ACS Naming Policy and revisions to the ACS Gift Acceptance Policy.
- On the recommendation of the Executive Director & CEO and the Secretary, the Board voted to approve amendments to the Board Regulations on the ACS Green Chemistry Institute® Governing Board and the Board Standing Committee on Corporation Associates.
- The Board passed a resolution for recently deceased ACS past president Ronald Breslow and also approved resolutions for Board members William F. Carroll, Jr., Pat N. Confalone, and Donna J. Nelson, who are leaving the Board this year, for their many contributions to the Board and to the Society.

The Board's Discussions

- The Board of Directors received and discussed reports from the Committee on Strategic Planning, the Committee on Executive Compensation, the Committee on Budget and Finance, the Development Advisory Board, the Governing Board for Publishing, the Committee on Corporation Associates, and the Joint Board-Council Policy Committee Task Force on Governance Design. For the latter task force, the Board reached consensus in support of having the task force engage other ACS units to develop actionable proposals relating to simplification of the governing documents, redesign the committee structure, and clarifying the Board and Council's roles and responsibilities.
- As part of its initial onboarding process the Board conducted a facilitated orientation session to acclimate new members to the Board and to share experiences of the ongoing Board members. The Board will continue its orientation session at the ACS Leadership Institute in January 2018, Dallas, Texas.
- Executive Director and CEO Tom Connelly updated the Board on issues relating to Membership, Human Resources, Finances, Information Technology, and the ACS Governing Board for the Green Chemistry Institute®.
- The presidents of Chemical Abstracts Service and the ACS Publications Division discussed with the Board new product development highlights, and challenges and opportunities facing the respective divisions.
- The Board heard reports from members of the Presidential Succession on their key priorities and activities as they relate to those of the Board and for the purposes of coordinating their ongoing activities on behalf of the Society. Peter K. Dorhout, ACS President 2018, announced several presidential programs for the spring meeting in New Orleans: "The Nexus of Energy, Food, and Water"; "Water, Water Everywhere, but Not a Drop to Drink"; and "Café du Monde and chemistry – how can beignets get us talking about science to the public?" Another activity will promote ACS Scholars and Fundraising, with an "ACS Scholar of the Day" featured on the ACS website.

Pat N. Confalone

REPORT OF THE EXECUTIVE DIRECTOR

We entered 2017 with great expectations for ACS. These expectations were largely realized, and the year set a number of records for ACS. We advanced our Vision through our work providing information, focusing on members, advancing chemistry education, and communicating chemistry's value.

Our Core Values were enriched by the actions of the Board to add Safety and Ethics to our Core Values in late 2016. During the past year, our staff has worked with our volunteers to emphasize safety and ethics in everything that we do. We are living these core values in our programming and our actions. For example, ACS established a centralized web presence for Chemical Laboratory Safety and created our first full-time staff position dedicated to chemical safety. C&EN published an article "Confronting sexual harassment in chemistry". 2017 was also an important year for the ACS Strategic Plan. Staff worked closely with the Board to update both the Plan and the planning process. The Change Driver methodology was introduced to be used along with our Environmental Scans to assure that we are looking broadly and far into the future. ACS staff did its own work on planning. ACS also produced the *1st Edition of The Legal Resources Manual for Divisions and Local Sections* to help them operate more efficiently and provides more information about legal issues.

In April, the March for Science gave us an additional opportunity to communicate chemistry's value. The March coincided with our usual Chemists Celebrate Earth Day (CCED) events. Many of our local sections were able to combine the two events. In Washington, in addition to the Chemical Society of Washington CCED event, our headquarters staff organized a CCED on the Mall during the March – the only venue targeting the thousands of children who were present.

The Office of the Secretary and General Counsel (OSGC) includes the Office of External Affairs & Communications, Legal, Innovation and Collaboration, and Secretary Support to Governance. We continued to make progress with our advocacy work in Washington. The Senate Chemistry Caucus was launched and grew to 15 members. We now have both House and Senate Chemistry Caucuses. Meanwhile, the House Chemistry Caucus grew to 53 members. We successfully supported three bills covering STEM-related subjects. Late in the year, ACS, among many others, supported the renewal of continued tax exemptions for grad student tuition waivers. The OSGC video series Reactions surpassed 500,000 followers on its social media channels on YouTube, Facebook, Twitter and Instagram. Reactions is, by a large margin, ACS's second largest social media brand after the main ACS account, and has become one of the most popular video series ever launched by a scientific organization. The series is regularly featured in major media outlets such as The Washington Post, The Today Show and others. Since the series was launched in 2014, these videos have been viewed more than 35 million times. Two National Historic Chemical Landmark designations were held in 2017. On April 18, a dedication ceremony of the University of California, Irvine Landmark for CFCs/ozon depletion took place as the centerpiece of a day-and-a-half symposium. On May 15, a dedication ceremony for the University of California, Berkeley Landmark for the Mars Mariner Infrared Spectrometer took place in conjunction with the College of Chemistry's commencement ceremony. There are now more than 80 NHCL in the U.S. and globally. For 2017, OSGC media outreach resulted in more than 13,000 articles in print and online news media outlets. These articles appeared on websites with a total of 20.7 billion *potential* unique monthly visits. ACS Experts engaged more than 240 times with the news media and general audiences including The Today Show, Good Morning America, CBS Evening News, CNN and the WSJ. In addition, the 2017 Entrepreneur Summit was successfully held November 15-16, 2017, between OSGC and Membership staff. The Summit achieved 46 new members, a first-ever net contribution, nearly triple the number of sponsors from prior Summits, and a strong attendee rating that they found the speakers knowledgeable and professional and would recommend the ACS Entrepreneur Summit to a chemical entrepreneur.

The new Scientific Advancement unit started well, with real progress on matters related to the ACS Green Chemistry Institute (GCI). We had a successful transition of leadership, conducted a strategy refresh, and before yearend, the ACS Board voted to streamline and transition the GCI Governing Board into an advisory board. The 21st Annual Green Chemistry & Engineering Conference was very well attended in Reston, Virginia. And, traffic on the GCI website grew 28%.

Our Education Division also had some significant milestones. AACT membership grew to nearly 5000 in 2017. For the first time ever, the U.S. team to the International Chemistry Olympiad brought home four gold medals. The Online Career Planning Tool ChemIDP™ became fully mobile compatible in 2017. Since the launch of the pilot program in March 2014, 46 ACS International Student Chapters have been chartered in 23 countries, exceeding the yearend goal for 2017. Compared to 2016, when four chapters were chartered, 18 new chapters were added in 2017. This year, ACS Festival Grants were awarded for 12 events, supporting new programs in Australia, Brazil, South Korea, Tanzania, and Thailand and continuing outreach programs in Chile, China, Colombia, Hungary, Malaysia, Mexico, and Peru. The 9th Postdoc to Faculty (P2F) workshop, held immediately prior to the 254th ACS National Meeting, attracted 107 applicants and helped 40 attendees prepare to apply for and succeed in faculty positions. Predominantly undergraduate institutions were the focus of the Postdoc to PUI Professor (P3) workshop hosted by Trinity University in San Antonio, TX from March 3-4. In 2017, the P3 workshop opened up participation to senior graduate students and attracted 70 applicants, 35 of whom were selected, and 33 of whom attended.

The ACS Scholars program continues to grow. Since 1995, nearly 3,000 students have participated. Of these, 1,651 have earned bachelor's degrees and more than 280 have earned doctoral degrees in chemistry, chemical engineering, or a related discipline. Since 1968, Project SEED has placed nearly 10,600 students from economically disadvantaged backgrounds in academic, industrial, and governmental laboratories for research experiences. In 2017, 411 high school students were placed with over 400 volunteer scientists and coordinators from more than 130 institutions in 36 states. At the 254th ACS National Meeting, 35 students from seven local sections presented their research. Project SEED College Scholarships were awarded to 27 alumni entering their freshman year, and three-year renewable Ciba Specialty Chemicals scholarships were awarded to three Project SEED College Scholars beginning their sophomore year.

We invested significantly in staff development through our HR Leadership Center. We completed our Leadership in Action training program for staff in supervisory roles. Training was done in classes that mixed leaders from multiple units, combining DC with Columbus staff. Our focus will now shift to training courses to develop our non-supervisory staff. We continued our development for our Executive Leadership, working on strategic thinking and collaboration. Over the summer, we conducted an expanded session that included about 15 additional senior leaders, to broaden the training impact and to build for the future. Our relaunched summer intern program may be an additional source of future leaders.

Both CAS and ACS Publications had very strong performance in record years. CAS continues to make progress with its new product launches. A new version of SciFinder®, SciFinderⁿ™ received an enthusiastic response from the customers who have adopted it. CAS also commercialized the first upgrade to STN®, called STNNext™. It has proven to be very well received by patent experts around the world. On the strengths of these new product introductions, plus growth of other recently-introduced products, such as PatentPak® and MethodsNow®, CAS grew 4.8% - its fastest rate in more than a decade. 2018 should see continued growth from SciFinderⁿ and new service offerings.

ACS Publications launched *ACS Earth and Space Chemistry* and *C&EN Global Enterprise* early in the year, and *ACS Energy Materials* and *ACS Nano Materials* late in the year. And *ACS Omega*, after a comparatively slow start in 2016, gained momentum in 2017 and finished the year strongly, with more than 1000 articles published. Total citations and downloads of ACS Publications both set new records, as did author submissions and articles published. Our efforts to protect our copyrighted materials met with some

notable successes. Our legal action against SciHub resulted in a favorable judgement in the US, and, as a result, we succeeded in closing a number of illegally pirated/spoofed mirror sites. Our efforts against ResearchGate in Germany have succeeded in forcing takedowns of >100,000 articles from ACS journals that had been posted in violation of our copyrights. Significantly, our actions have encouraged other scientific publishers to join that ongoing enforcement initiative.

ChemRxiv™, a chemical sciences preprint server that was announced as a possibility in August 2016, became a reality within 12 months. More than 100,000 accesses and downloads occurred during the last four months of 2017.

Financially, I am pleased to report that 2017 will be a record year, positioning the Society on a very strong base. Subject to audit by KPMG, we ended 2017 with revenues of \$553.2 million, growing by 5.0% in the course of the year. Net from Operations exceeded last year's record level by 20.1%, finishing 2017 at \$28.6 million. Our operating results, combined with solid investment gains allowed ACS to end the year with unrestricted net assets of \$284.4 million, up 37.7% from \$206.5 million at December 31, 2016. Significantly, the Society is expected to achieve all five of its financial metrics for the first time in a decade. These results were enabled by a strong focus on growth, prudent cost management, and favorable capital market performance.

Significant benefits accrued from our efforts on Operational Excellence. A principle thrust of this effort was the updated financial IT systems that were introduced in April 2017, in our Enterprise Financial Systems Project. Work on our new HR information system also began in 2017, and will be completed this year. In addition to the software systems, considerable work was undertaken to standardize and simplify our underlying Finance and HR policies and processes.

A number of upgrades were completed at the ACS-Washington site. Solar panels were installed on the roofs of both buildings. Significant improvements to the building access and security systems were completed at both locations. Cyber security was also an important focus. We hired our first Chief Information Security Officer and took important next steps to enhance our security.

For our Membership and Society Services (M&SS) Division, 2017 was a year of significant changes. Early in the year, Kate Fryer arrived succeeding Denise Creech. She immediately went to work understanding our membership society programs, and our internal membership opportunities. Her team identified many opportunities for improvement. And in September, significant personnel changes were made in our Membership Marketing and our Meetings and Expositions teams. In another significant change, the Web Strategy and Operations group was shifted from IT to M&SS. This move recognized that the key decisions for ACS.org are largely determined by M&SS.

Despite these renewal efforts, ACS ended the year with fewer members for the 6th consecutive year. Of greatest concern is the 'regular dues paying' members, which declined for the 11th consecutive year, and 15 of the last 17 years. 2018 must be the breakout year for ACS Membership Growth. I have said that 'Membership is Everyone's Responsibility'. With this as our rallying cry, we will reverse the decade-long decline this year.

In closing, I would like to announce that the [ACS Strategic Plan for 2018 and Beyond](http://strategy.acs.org) is available for your review at <http://strategy.acs.org>. The Plan highlights the work we do every day on behalf of chemistry and the chemistry enterprise. It is a roadmap for how we will achieve a future where our Vision of "**Improving people's lives through the transforming power of chemistry**" can be fulfilled through our dynamic Mission, Core Values, and Goals.

Thomas M. Connelly, Jr.

REPORT OF THE GOVERNING BOARD FOR PUBLISHING
TO ACS COUNCIL

The following is a brief summary of the July and November 2017 meetings of the Governing Board for Publishing.

CAS (Chemical Abstracts Service)

CAS President Manuel Guzman provided an executive summary of financial and operating highlights for 2017 and a performance update on the Strategic Plan for Growth and related key initiatives. Overall, financial performance is on track with high confidence in achieving the Net Contribution. The CAS Leadership Team is executing on its plan to significantly grow a Services offering from CAS.

ACS Publications

ACS Publications President Dr. Brian Crawford summarized highlights of the Division's progress against management objectives for 2017. His presentation included an update on operational issues being addressed with respect to the performance of *ACS Omega* against its strategic business plan, as well as the status of ongoing development efforts to assemble *ChemRxiv* in partnership with CAS and other professional societies and publishers active in the marketplace for chemistry publishing. The Governing Board for Publishing (GBP) encouraged management to further streamline manuscript transfer and editorial decision-making by the journal's co-editors, per guidance already received from the Joint Board-Council Committee on Publications.

Dr. Thomas Connelly, Jr., Chair

DRAFT
MINUTES
COUNCIL POLICY COMMITTEE
AMERICAN CHEMICAL SOCIETY
Washington, District of Columbia
August 22, 2017

The Council Policy Committee (CPC) of the American Chemical Society met in Washington, District of Columbia, on August 22, 2017, beginning at 8:00 a.m. Vice-Chair Mary K. Carroll presided. Other voting members present were: Lawrence Barton, Frank D. Blum, Karl S. Booksh, Thomas M. Connelly, Jr., Ella Davis, Peter K. Dorhout, Lissa Dulany, Lisa Houston, Donna J. Nelson, Sally B. Peters, Martin D. Rudd, Andrea Twiss-Brooks, and Linette M. Watkins. Flint H. Lewis served as Secretary.

The following chairs of Society, Elected, and Standing Committees of the Council, all non-voting members of CPC, attended all or portions of the meeting: Rodney M. Bennett, James C. Carver, Wayne E. Jones, Diane Krone, Les McQuire, Jason E. Ritchie, and Margaret J. Schooler. Several Councilors, ACS staff, and others were present as observers at various times during the meeting.

Approval of Minutes

1. VOTED that the Council Policy Committee approve the minutes of the April 4, 2017, meeting of the committee.

Reports of Committee Chairs and Society Officers

The Council Policy Committee divided into four subgroups for the purpose of reviewing the proposed oral reports to Council of officers and committee chairs. The subgroups met from 8:15 to 9:15 a.m.; Linette Watkins (for Allison Campbell), Donna Nelson, Peter Dorhout, and Mary Carroll served as chairs of the subgroups.

Upon reconvening at 9:35 a.m., the committee received reports from the chairs of the subgroups; the reports included items for which Council's action would be required on August 23. In the subgroups, reports were presented by the officers and by the chairs of the Elected Committees on Committees and on Nominations and Elections; the Society Committees on Budget and Finance and on Education; the Standing Committees on Constitution and Bylaws, Divisional Activities, Economic and Professional Affairs, Local Section Activities, Meetings and Expositions, and on Membership Affairs; the Other Committees on Ethics and on Project SEED; and the Joint Board-Council Committees on Chemical Abstracts Service, Chemical Safety, Chemists with Disabilities, Community Activities, Environmental Improvement, International Activities, Minority Affairs, Public Relations and Communications, Science, Senior Chemists, and on Younger Chemists. The reports included progress and recommendations resulting from work during these sessions held in Washington, DC, prior to the CPC meeting.

2. VOTED that the Council Policy Committee authorizes the use of projected graphics as part of the reports to Council by the Committees on Budget and Finance, Chemical Abstracts Service, Chemical Safety, Chemists with Disabilities, Committees, Community Activities, Constitution and Bylaws, Divisional Activities, Economic and Professional Affairs, Education, International Activities, Local Section Activities, Meetings and Expositions, Minority Affairs, and Younger Chemists.

3. VOTED that the Council Policy Committee authorize the use of projected graphics as part of the reports to Council by the President, the Immediate Past President, and the Chair of the Board of Directors.

4. VOTED that the Council Policy Committee authorize additional time for the report to Council by the Committees on Chemical Abstracts Service and Nominations and Elections.
5. VOTED that the Council Policy Committee authorize the Chair of the Board of Directors and the Committee on Community Activities to place brochures or cards on the table in the rear of the Council meeting.
6. VOTED that the Council Policy Committee deny authorization of a presentation to Council, with projected graphics, by the proponents of a petition to establish the probationary Division of Space Chemistry.

On behalf of Subgroup I, Linette Watkins reported that primary responsibility for the Petition on the Composition of Society Committees will be assigned to the Council Policy Committee, rather than the Committee on Committees.

Report of the Council Policy Committee Vice-Chair

Vice-Chair Mary Carroll reported that she would not duplicate information that came out of various subcommittee reports but provided an overview of the activities of the Board-CPC Task Force on Governance Design. The Task Force is developing a framework, a roadmap, and a timeline for change. Recent discussions have focused on clearly defining national governance roles that would enable ACS to efficiently achieve the Objects and Strategic Goals of the Society. The Task Force anticipates presenting an overall national governance model that articulates a high-level framework for change and a roadmap by which various governance bodies (including CPC, the Board, and individual committees) are each empowered to undertake the detailed design of specific components of the governance structure. The Task Force has already been coordinating with committees engaged in parallel activities, including CPC, the Committee on Committees, and the Committee on Constitution and Bylaws. The Task Force will present its report to the Board and CPC in December, and discuss the framework, roadmap, and timeline with Councilors in appropriate venues during the spring 2018 national meeting in New Orleans.

Reports of Subcommittees and Task Forces

A. Report of the Subcommittee on Petitions, Constitution and Bylaws

Andrea Twiss-Brooks reported for subcommittee chair Harmon B. Abrahamson, who could not be present, that the subcommittee met the day before and discussed three petitions on the Council agenda (two for action and one for consideration), and on the failed petition from the spring national meeting. The subcommittee recommended: (1) that CPC endorse the petition on International Chemical Sciences Chapters; and (2) that CPC take no position on the two petitions for consideration: the Petition on the Composition of Society Committees and the Petition for Election of Committee Chairs.

The subcommittee also discussed the failed Petition for Removal of Officers and Councilors and noted several "lessons learned" that may be applicable when and if the Council Policy Committee proposes future petitions.

7. VOTED that the Council Policy Committee, on recommendation of its Subcommittee on Petitions, Constitution and Bylaws, endorse the petition on International Chemical Sciences Chapters.

The committee accepted the subcommittee's recommendation that it not take action on the Petition on the Composition of Society Committees.

B. Report of the Subcommittee on Long-Range Planning

Subcommittee chair Mary Carroll reported on discussions and actions by the subcommittee, which met by teleconference July 17 and face-to-face on August 21. Participants of the subcommittee's Working Group on Future Council Representation were invited to the August 21 meeting to discuss further a proposed Council model (tiered structure) and on the procedural aspects of changing the structure of Council. Another meeting of the group will be scheduled in the fall to discuss the outcomes of such a change and to create a prioritized list of models and outcomes.

The subcommittee reviewed the overall evaluation report from the activities held for new Councilors and Alternate Councilors, and to work on a plan for the next orientation. It had been suggested that CPC host a Strategy Café event for all Councilors; the subcommittee discussed the possibility of doing so at the national meeting in New Orleans in spring 2018. More information will be gathered and discussed at the subcommittee's fall meeting.

C. Joint Board-CPC Task Force on Governance Design

(This update was covered in Dr. Carroll's Vice-Chair's Report.)

Summary of Councilor Travel Expenses

Dr. Carroll called attention to the Councilor travel reimbursement program summary for the spring 2017 national meeting and noted that it is in the committee's agenda.

Summary of Non-Councilor Travel Expenses

Dr. Carroll reported that the detailed summary of travel expenses reimbursed for non-Councilors was available in the agenda for the committee's information.

8. VOTED to approve an amendment to the Non-Councilor Travel Reimbursement Policy to allow a non-Councilor covered by this policy that (1) attends the spring meeting, (2) submits a reimbursement request for an amount less than the limit set for the spring meeting, and (3) subsequently attends the fall meeting, to accumulate the difference (underspent) and apply it to the fall meeting, even though the total exceeds the limit set for the individual fall meeting, effective January 1, 2018.

9. VOTED, on the recommendation of the Committee on Committees, that the Council Policy Committee approve an amendment to the Non-Councilor Travel Reimbursement Policy to offer reimbursement of an additional night's expenses in excess of the limit set for that national meeting to all non-Councilors with multiple Council-related committee appointments that necessitate additional days of travel.

Schedule of Business Sessions

The following schedule of activities at the spring 2018 national meeting is the result of previous authorization by the Council Policy Committee:

Board of Directors:	Sunday, March 18
Council Policy Committee:	Tuesday, March 20
Council:	Wednesday, March 21

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

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

Council Agenda

10. VOTED on a motion from the floor to authorize presentation to Council of the motion on whether to create a Space Chemistry Division as follows: "Shall the Council create a probationary Space Chemistry Division?

1. Yes
2. No"

to be conducted via "clicker" vote.

11. VOTED that the Council Policy Committee approve the Council Agenda for the August 23, 2017 meeting of the Council.

CPC and Council 2017 Budgets

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

Open Forum

Margaret Schooler, chair of the Committee on Membership Activities (MAC), offered a brief update on MAC's intention to submit a petition to Council to amend the Society's Bylaws to provide more flexible recruitment and retention market testing, and to establish alternative membership categories. Current Bylaw restrictions related to membership and dues categories are viewed by many as overly bureaucratic and unnecessarily thwarting efforts to engage in innovative strategies to recruit and retain ACS members. The amendments would permit a duly authorized Council Committee (along with the Board of Directors) the flexibility to implement innovative new membership and dues categories quickly to halt and reverse a persistent decline in ACS membership.

New Business

There being no additional new business or old business, the meeting was adjourned at 11:50 a.m.

Flint H. Lewis
Secretary

ORIGINAL

FOR ACTION

Petition on the Composition of Society Committees

Bylaw III, Sec. 3, e, (3), (4), and (8)

Petition

We, the undersigned Councilors of the American Chemical Society, hereby petition to amend the SOCIETY Bylaws as follows (additions **underlined**; deletions ~~struck through~~):

**Bylaw III
Council**

Sec. 3

Committees of the Council

...

e. Society Committees

...

(3) The Chair of each Society Committee shall be ~~a voting Councilor and~~ appointed jointly by the President and the Chair of the Board, with the advice of the Committee on Committees, for one calendar year, each individual being limited to three successive one-year terms as Chair of the same Committee. However, a Chair shall continue to serve until a successor has been appointed. ~~(1/1/78)~~

(4) Each Society Committee annually shall elect one of its members ~~who is a voting Councilor~~ to serve as Vice-Chair. ~~(1/1/82)~~

...

(8) Appointees shall be selected such that at the time of appointment ~~the Chair and at least two thirds (2/3) of each Society Committee~~ **a majority of the members** are qualified voting Councilors. ~~(1/1/78)~~

Explanation

Society Committees, which are the Committee on Budget and Finance (B&F), and the Committee on Education (SOCED), are composed of Councilors and non-Councilors. Committee appointments are made adhering to the requirement that two-thirds (2/3) of the committee members are qualified voting Councilors. The Society's Bylaws also require the Chair and Vice-Chair of Society Committees to be Councilors.

B&F requires members with significant budget and financial experience and expertise. SOCED strives for a balance of members with expertise across many facets of chemical education. They include

chemical education researchers as well as active educators at four-year colleges and universities, graduate schools, two-year colleges, and high schools. Councilors who are educators at two-year colleges or high schools are few in number.

To comply with the Society’s Bylaws, it is not unusual for an active, contributing member of a Society Committee to be removed from the committee member roster as a result of a change in status from Councilor to non-Councilor. It is also not unusual for a non-Councilor to be removed from the committee member roster because of another committee member undergoing a change in status from Councilor to non-Councilor.

This petition changes the Councilor requirement of Society Committee members from at least two-thirds (2/3) to a majority in order to provide for greater flexibility in member appointments and continuity of committee membership.

Number of committee members	Minimum number of Councilors required by current Bylaws	Minimum number of Councilors required by this petition
12	8	7
13	9	7
14	10	8
15	10	8
16	11	9
17	12	9
18	12	10
19	13	10
20	14	11

This petition also removes the Councilor requirement for the Chair and Vice-Chair of a Society Committee. Committee members with expertise and strong leadership abilities should not be disqualified to serve as Chair or Vice-Chair because of status as a non-Councilor.

Signed:

Dr. Christopher J. Bannochie	Dr. Alan B. Cooper	Dr. Wayne E. Jones, Jr.
Dr. Iona Black	Dr. Milagros Delgado	Ms. Diane Krone
Dr. Mitchell R.M. Bruce	Dr. Donna G. Friedman	Ms. Bonnie Lawlor
Dr. Dee Ann Casteel	Dr. Carmen Gauthier	Dr. Carolyn Ribes
Dr. Bonnie A. Charpentier	Ms. Kathleen Gibboney	Ms. Susan M. Shih
Dr. Deborah Cook	Dr. Joseph A. Heppert	

(This petition has been referred to the ***Council Policy Committee**, Committee on Committees, Society Committee on Budget and Finance, Society Committee on Education, and Committee on Constitution and Bylaws.)

***Committee having primary substantive responsibility**

FINAL STATEMENT OF FINANCIAL IMPACT

The Society Committee on Budget and Finance has examined this petition and concludes that it will have no impact on the finances of the Society (\$0).

FINAL REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws has reviewed the petition and finds it to be legal and consistent with other provisions of the Society's documents. The Committee agrees with the original language in the petition when it was presented to Council for consideration.

A two-thirds (2/3) vote of Council is required for approval of amendments to the Bylaws. If approved by Council, the amendments will become effective upon confirmation by the Board of Directors.

Dr. V. Dean Adams
Chair

REPORT OF THE COMMITTEE ON COMMITTEES

The Committee on Committees (ConC) submitted its final recommendations for 2018 Committee Chairs, members, associates, and consultant appointments for consideration by the President-Elect and the Chair of the Board of Directors. The committee appointment letters were sent by year-end.

The ConC Leadership Development Subcommittee conducted its annual training session for new Committee Chairs and their staff liaisons in Dallas, Texas, in mid-January 2018, as a component of the ACS Leadership Institute. Thirteen new Chairs, with their staff liaisons, attended. The training received favorable reviews from participants.

During the meeting in New Orleans, members of ConC will visit with the Councilor and Division Officers Caucuses to discuss the Petition on the Composition of Society Committees and the Petition for Election of Committee Chairs that will be up for action during Council.

Councilors and other interested parties are invited to attend the committee's open meeting on Monday, March 19, from 1:30-2:00 p.m. to offer their views on any topics on the agenda, and other matters of interest. There will also be an interactive session for the Chairs of all Council-related committee chairs on Monday from 4:00-5:00 p.m. to discuss committee issues that are of mutual interest. Please note the new time for the interactive session.

In closed executive session, ConC will receive reports and consider recommendations from its subcommittees and task forces on leadership development, committee systems and structure, diversity, and Society Committee Bylaws. ConC will also receive updates on scheduled performance reviews for the Committees on Chemical Safety, Chemistry and Public Affairs, Community Activities, Environmental Improvement, International Activities, Minority Affairs, Nomenclature, Terminology & Symbols, Professional Training, and Senior Chemists and expects to seek Council approval in New Orleans on recommendation for the continuance of the Committees on Ethics, Publications, and Younger Chemists. The committee will also develop recommendations for the 2019 Committee Chairs for the Society, Standing, Joint Board-Council and Other Committees of Council.

The committee is once again collaborating with CPC on the New Councilor Orientation on Saturday, March 17, from 3:00-7:00 p.m.

All Councilors are reminded to complete their online committee preference form for 2018, during the period of March 26-June 8, 2018 at <https://www.yellowbook.acs.org/>. Please remember committee associates, and especially those finishing a term or who will reach the statutory limit on a committee, are strongly encouraged to complete the online form to reaffirm your interest and commitment to service in the Society. You can also use this system to update your Yellow Book contact and biographical information throughout the year.

Carolyn Ribes, 2018 Chair
Wayne E. Jones, Jr., 2017 Chair

Mr. Flint H. Lewis
Secretary, American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036

Dear Mr. Lewis:

I propose the following MEMBERS for consideration by the Committee on Committees for service on the following committees for 2019:

Standing Committees (Appointed by the President)

Constitution and Bylaws (C&B) _____
Divisional Activities (DAC) _____
Economic and Professional Affairs (CEPA) _____
Local Section Activities (LSAC) _____
Meetings and Expositions (M&E) _____
Membership Affairs (MAC) _____

Other Committees (Appointed by the President)

Analytical Reagents (CAR) _____
Ethics (ETHX) _____
Nomenclature, Terminology and Symbols (NTS) _____
Project SEED (SEED) _____
Technician Affairs (CTA) _____

Society Committees (Appointed by the President and Board Chair)

Budget and Finance (B&F) _____
Education (SOCED) _____

Joint Board-Council (Appointed by the President and Board Chair)

Chemical Abstracts Service (CCAS) _____
Chemical Safety (CCS) _____
Chemistry and Public Affairs (CCPA) _____
Chemists with Disabilities (CWD) _____
Community Activities (CCA) _____
Environmental Improvement (CEI) _____
International Activities (IAC) _____
Minority Affairs (CMA) _____
Patents and Related Matters (CP&RM) _____
Professional Training (CPT) _____
Publications (PUBS) _____
Public Relations and Communications (CPRC) _____
Science (ComSci) _____
Senior Chemists (SCC) _____
Women Chemists (WCC) _____
Younger Chemists (YCC) _____

Sincerely,

(Senders Name/Email)

(Senders Affiliation)

FOR ACTION

Petition for Election of Committee Chairs

Bylaw III, Sec. 3, c, (1); d, 3, (3), (8); e, (3), (8); g, (3); i (3)

Petition

We, the undersigned Councilors of the American Chemical Society, hereby petition to amend the SOCIETY Bylaws as follows (additions **underlined**; deletions ~~struck through~~):

REVISED

**Bylaw III
Council**

Sec. 3

Committees of the Council

...

c. Committee on Committees

(1) The duties of the Committee on Committees shall include:

VERSION

(a) acting for the Council in the selection of Council-related SOCIETY bodies by assisting and advising in the appointment of the ~~chairs and~~ members of such SOCIETY bodies; (~~6/10/78~~)

...

FOR

(e) appointing members to fill vacancies that have existed longer than sixty days on Council-related SOCIETY bodies whose members ~~or chairs~~ are normally appointed by the President; (~~9/15/78~~)

COUNCIL

(f) participating as members of a group ~~which~~ **that** acts to fill vacancies that have existed longer than sixty days on Council-related SOCIETY bodies whose members ~~or chairs~~ are normally appointed jointly by the President and the Chair of the Board; all members of the Executive Committee of the Board of Directors who are not appointing authorities comprise the other members of said group. (~~9/15/78~~)

d. Standing Committees of the Council

...

ACTION

(3) **At the fall meeting of the SOCIETY, The Chair-members** of each Standing Committee shall ~~be appointed by the President, with the advice of the Committee on Committees,~~ **elect their Chair from among the committee's own members** be appointed by the President, with the advice of the ~~Committee on Committees,~~ for one calendar year; **beginning January 1 of the following year.** ~~each individual being~~ **Each elected Chair will be** limited to three successive one-year terms as Chair of the same ~~Committee.~~ **However, a Chair will continue to serve until a successor has been elected or**

appointed. Each Standing Committee shall choose the method to select its nominees for Chair. If the committee fails to agree on a Chair, the President of the SOCIETY, in consultation with the Committee on Committees, shall appoint a Chair. (11/19/74)

REVISED

...
(8) ~~The Chair and other m~~Members of each Standing Committee must be qualified voting Councilors when appointed. If any member of a Standing Committee becomes disqualified, that member shall be dropped and a vacancy declared, except that the President may postpone until the end of the calendar year dropping from the ~~C~~committee a Councilor so disqualified and the simultaneous declaration of a vacancy if such postponement will significantly benefit the operations of the ~~C~~committee. If the elected Chair becomes disqualified, the Chair will be ineligible to continue on the committee, and the President of the SOCIETY, in consultation with the Committee on Committees, shall appoint a Chair. (6/8/94)

VERSION

e. Society Committees

FOR

...
(3) The Chair of each Society Committee shall be a voting Councilor. At the fall meeting of the SOCIETY, the members of each Society Committee shall elect their Chair from among the committee's own members and shall be appointed jointly by the President and the Chair of the Board, with the advice of the Committee on Committees, for one calendar year; beginning January 1 of the following year. ~~each individual being~~ Each elected Chair will be limited to three successive one-year terms as Chair of the same ~~C~~committee. However, a Chair shall will continue to serve until a successor has been elected or appointed. Each Society Committee shall choose the method to select its nominees for Chair. If the committee fails to agree on a Chair, the President of the SOCIETY, in consultation with the Committee on Committees, shall appoint a Chair. (4/1/78).

COUNCIL

ACTION

...
(8) The committee Appointees shall be selected such that at the time of appointment, ~~the Chair and~~ at least two-thirds (2/3) of each Society Committee are qualified voting Councilors. (4/1/78)

g. Other Joint Board-Council Committees

...
(3) At the fall meeting of the SOCIETY, ~~the Chair~~ members of each Other Joint Board-Council Committee; shall elect their Chair from among the committee's own members shall be appointed jointly by the President and the Chair of the Board, with the advice of the Committee on Committees, for one calendar year; beginning January 1 of the following year. ~~Each individual elected Chair being~~ will be limited to three successive one-year terms as Chair of a ~~given~~ the same committee. However, a Chair shall will continue to serve until a successor has been elected or appointed. Each Other Joint Board-Council Committee shall choose the method to select its nominees for Chair. If the committee fails to agree on a Chair, the President of the SOCIETY, in consultation with the Committee on Committees, shall appoint a Chair. (3/1/79)

REVISED

...
i. Other Committees of the Council

VERSION

...
(3) At the fall meeting of the SOCIETY, the Chair-members of each Other Committee shall ~~be appointed by the President, with the advice of the Committee on Committees,~~ elect their Chair from among the committee's own members for one calendar year, beginning January 1 of the following year, ~~each individual being~~ Each elected Chair will be limited to three successive one-year terms as Chair of a ~~given~~ the same Committee. ~~However, the President may waive this three term limit in specific instances.~~ A Chair shall will continue to serve until a successor has been elected or appointed. Each Other Committee shall choose the method to select its nominees for Chair. If the committee fails to agree on a Chair, the President of the SOCIETY, in consultation with the Committee on Committees, shall appoint a Chair. (11/12/87)

FOR

COUNCIL

ACTION

Explanation

The petitioners propose changes to the ACS's Bylaws to allow the voting members of all ACS committees to select their own Chairs. The members of the committees have the career and ACS experience as well as the judgment to select their own Chairs. This will free up the President, the Chair of the ACS Board, and the Committee on Committees to focus on priorities only they can deliberate and act upon. The proposed Bylaw changes will also make the Society, in a small way, more representative and democratic, and less bureaucratic.

Signed:

Dr. Peter J. Bonk	Ms. Mary K. Engelman	Dr. Mary Jane Shultz
Dr. Mukund Chorghade	Dr. Sheila Kanodia	Dr. Kristine S. Smetana
Dr. Mary E. Dery	Ms. Jackie J. O'Neil	Dr. Ann M. Sullivan
Dr. Harry J. Elston	Dr. Mary Virginia Orna	Ms. Jane V. Thomas
Dr. John Engelman II	Dr. Roger Alan Parker	

(This petition has been referred to the *Committee on Committees, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws.)

***Committee having primary substantive responsibility**

FINAL STATEMENT OF FINANCIAL IMPACT

The Society Committee on Budget and Finance has examined this petition and concludes that it will have no impact on the finances of the Society (\$0).

FINAL REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws revised the petitioners' version because the petitioners did not account for procedures in case any of the committees could not reach agreement on who should be Chair. Also, the details of how Chairs are elected continue to be ambiguous and without procedures in place, this could lead to difficulty. In some cases, Chairs have been appointed from other committees,

which has worked well. Some committee members might not be aware of other eligible, qualified candidates from outside the committee who would be appropriate candidates for Chair.

The Committee finds the revised petition to be legal and consistent with other provisions of the Society's documents.

A two-thirds (2/3) vote of Council is required for approval of amendments to the Bylaws. If approved by Council, the amendments will become effective upon confirmation by the Board of Directors.

Dr. V. Dean Adams
Chair

REPORT OF THE COMMITTEE ON NOMINATIONS AND ELECTIONS

At its fall meeting in Washington, DC, the Committee on Nominations and Elections (N&E) developed slates of potential candidates for President-Elect, 2019; Directors-at-Large, 2019-2021; and Directors from Districts I and V, 2019-2021.

A “President-Elect Nominee Town Hall Meeting” will be held in New Orleans on Sunday, March 18, from 4:30 p.m. – 5:30 p.m. This well-attended forum is designed to facilitate interaction among the 2019 President-Elect nominees, Councilors and other members using a moderated question and answer format.

The 2018 election cycle began in February with the primary elections to determine candidates for Districts I and V. The elections were conducted for the Society by Survey and Ballot Systems, Inc., of Eden Prairie, Minnesota.

In executive session at this meeting, N&E will develop slates of potential candidates for the Council Policy Committee and the Committee on Committees for 2019-2021. As in the past, N&E welcomes suggestions from Councilors of qualified members as potential candidates for all elected ACS offices - please let us hear from you.

We will have a staffed N&E table at the rear of the Council meeting room, as well as an open meeting on Monday, March 19, from 11:30 a.m. - 12:00 noon, to receive your suggestions or hear your concerns. As an alternative means of communication with N&E, please visit the ACS Web Site at <http://www.acs.org/>; under “Governance” click on “Committees” and then select “Nominations & Elections” or send an email to us at nomelect@acs.org.

Les W. McQuire, Chair

REPORT OF THE COMMITTEE ON BUDGET AND FINANCE

The Society Committee on Budget and Finance met on Friday and Saturday, December 1 and 2, 2017, to review the Society's probable financial results for 2017 and review the 2018 proposed operating and capital budgets. ACS is projected to end 2017 with a net contribution from operations of \$26.1 million, or \$2.9 million favorable to the Approved Budget. The Society is projected to end the year in compliance with all Board-established financial guidelines.

The committee received a report on key outcomes and recommendations from the 2017 Financial Planning Conference (FPC) held on November 5-6. Dr. Heppert briefly reviewed the background and rationale for the eight recommendations that emerged from the conference and reported that the FPC recommendations were presented to the ACS Board of Directors for consideration on December 2.

The committee reviewed the 2018 Proposed Operating and Capital Budgets. After discussion, the committee voted to recommend to the ACS Board of Directors that it approve the 2018 Proposed Operating Budget with a projected net contribution of \$29.6 million. The committee also voted to recommend to the ACS Board that it approve the 2018 Proposed Capital Budget of \$36.4 million.

Joseph Heppert, Chair

REPORT OF THE COMMITTEE ON EDUCATION

This report updates the Council on SOCED's progress in implementing the actions to which it agreed in Washington, and highlights significant accomplishments of the Society's education programs.

The 2018 ACS Guidelines and Recommendations for the Teaching of Middle and High School Chemistry was completed in December 2017.

The American Association of Chemistry Teachers (AACT) ended 2017 with 4,821 members, 88% of whom are K-12 teachers of chemistry. An increasing percentage of those members are in their first five years of teaching.

On September 29–October 1, 2017 ACS hosted a second workshop on creating general chemistry performance expectations. Thirty-seven faculty members from fifteen diverse institutions (including research-intensive, primarily undergraduate, and community colleges) attended the workshop and a series of webinars following a competitive application process. Fifteen teams were formed during the workshop and the teams began sharing the substantial progress they have made during the first two webinars in November and December.

Since launching in the fall of 2010, *middleschoolchemistry.com* has received more than 12 million visits from 234 countries and territories.

A new generation of Kids & Chemistry kits were developed to meet the unique needs of chemists presenting chemistry lessons to elementary and middle school students in a school setting. Features include reusable kits with refills available for consumables, a take-home object and safety/info card for each student, a 30-minute presentation, streamlined materials management for hands-on activities, connections to the curriculum, and focus on a developmentally appropriate foundational concept in chemistry.

At the end of December 2017, there were 18,694 student members, compared to 19,942 at the end of December 2016. There are currently 513 active student chapters (1,123 in total). With five new chapters chartered in December, there are now 46 international student chapters in 23 countries, exceeding the 2017 goal of 45 chapters.

The International Student Chapter Activity Grant (ISCAG) program was introduced in September 2017. A total of eight awards have been given. In November 2017, three student chapters attended the International Chapter Summit in Jeju, South Korea, participating in leadership training with International Chemical Sciences Chapter leaders from the Asia-Pacific region and beginning planning for future regional meetings and events. Other ISCAG grants will support research symposia and workshops, community outreach events, and travel to the inaugural Atlantic Basin Conference on Chemistry in January 2018.

Since the ChemIDP™ program launched in Fall 2015, extensive enhancements and updates have been made to the web-based tool. Over 2623 accounts have been created, and 20 workshops were held to increase use and understanding of the tool directed toward graduate students and postdoctoral scholars. Additionally, a newly developed joint ChemIDP/ACS Career Pathways workshop was held in December at the University of Puerto Rico, Rio Piedras.

Collaborative activities continue to enhance progress towards fulfilling the educational goals and objectives of the ACS strategic plan. A partnership with the Younger Chemists Committee facilitated the involvement of undergraduate students at the 2018 ACS Leadership Institute. SOCED also continues coordinating programming with the Division of Chemical Education.

At the 255th ACS National Meeting in New Orleans, events for students and educators will include the Chemistry Teachers Day Program (Sunday, March 18). Councilors and national meeting attendees are encouraged to attend the ACS Undergraduate Student Chapter Awards ceremony (Sunday, March 18), the Undergraduate Research Poster Sessions (Monday, March 19), the Graduate and Postdoctoral Reception (Monday, March 19), and other sessions focused on undergraduate and graduate students.

Jennifer Nielson, 2018 Chair
Diane Krone, 2017 Chair

REPORT OF THE COMMITTEE ON SCIENCE

This report updates the Council on the activities of the Committee on Science (ComSci) since the ACS National Meeting in Washington, DC.

ComSci remains active on science and policy. In New Orleans, ComSci will hold a roundtable discussion on hydraulic fracturing. This discussion will help inform the revision of the ACS policy statement on “The Science and Technology of Hydraulic Fracturing”. ComSci members provided input on a draft policy statement on “Preventing the Reemergence of Chemical Weapons”. The committee is collaborating with the Committee on Environmental Improvement and the Committee on Corporation Associates to develop a series of fact sheets on synthetic biology.

In February, ComSci will hold a strategic planning retreat offered by the ACS Leadership Development System™. The retreat will help ComSci define its stakeholders, create mission and vision statements, and develop a portfolio of actionable goals and strategies consistent with the overall ACS strategic plan.

Looking ahead to the Fall National Meeting in Boston, ComSci is organizing a symposium on the Make-It Program of the U. S. Defense Advanced Research Projects Agency, DARPA. The focus of this session will be on “Automating Small Molecule Route Design, Optimization, and Synthesis”.

Mark C. Cesa, Chair

REPORT OF THE COMMITTEE ON LOCAL SECTION ACTIVITIES

The Committee on Local Section Activities hosted the local section track of the ACS Leadership Institute, January 19-21, 2018 in Dallas, TX. All incoming chairs-elect, as well as other interested local section officers were invited to attend this important training. A total of 138 delegates representing 111 local sections participated in the institute. Twenty-one local sections sent more than one representative and one section sent three representatives. LSAC, once again, hosted a special workshop: "Getting Your Section Back on Track" to support those leaders who need assistance with re-invigorating their sections. In addition, LSAC offered collaborative project mini-grants to support joint local section projects that were developed during the Leadership Institute. Local sections are encouraged to prepare to send at least one representative to the 2019 Leadership Institute (January 25-27, 2019)

LSAC is pleased to report the following progress since the Washington D.C. national meeting:

- 43 Innovative Program Grants (IPGs) were submitted in 2017. Of those, LSAC approved 36 IPGs for a total of \$72,000. The IPGs, now in their 15th year, will continue in 2018 with a budget of \$80,000. Local sections are encouraged to submit proposals for the June 30, 2018 deadline. Program information and grant applications are available at www.acs.org/getinvolved (click on "Local Section Volunteer Resources" and then "Funding and Financials").
- Three local sections hosted ACS Leadership Development System (ACS-LDS) courses and two local sections conducted ACS-LDS Strategic Planning Retreats in 2017. LSAC provided funding to support these activities.
- Eleven local sections submitted and were awarded Local Section Members Engaging Through Technology (METT) Grants, totaling \$16,000. The METT grant aims to assist local sections to harness technology in order to engage members, to fulfill section's goals and activities, and to improve member recruitment efforts.
- The Forms Online Report Management System (FORMS) opened on November 1st for the 2017 Local Section Annual Report submission process. In addition to a newly designed landing page and functional improvements, a series of five short help videos were created and posted within the FORMS application.
- Local Section allotments will be processed (starting March 1st) as Annual Reports are submitted.
- LSAC hosted the Local Section Pre-Leadership Institute webinar on January 9th with 91 local section officers in attendance. A link to the recorded webinar is available at www.acs.org/getinvolved (Click on Local Sections and then Training and Support).
- All 2017 local section chairs received a Past Chair pin and a letter from the committee recognizing their efforts as chair.

Jason E. Ritchie, Chair

REPORT OF THE COMMITTEE ON MEMBERSHIP AFFAIRS

The Membership Affairs Committee (MAC) continues to focus on new efforts to recruit and retain members. The Society ended 2017 with 150,862 members and an overall retention rate of 82.9%.

Over 21,000 new members were recruited in 2017, including 4,246 from the continuing success of the Member-Get-a-Member program. International membership held steady at 27,253 members in 2017. MAC is also pleased to report that programs targeting retention of Graduate Student members have resulted in an overall retention rate of 75.2%, a slight decrease versus 2016.

The Executive Committee of MAC completed a Strategic Planning retreat in August 2017, in order to refocus the committee and align to the ACS Strategic Plan. Champions were named and tasks were assigned. The Executive Committee met in Dallas to review and update the plan and ensure that the committee's subcommittees continued to operate effectively in completing MAC's duties and responsibilities.

MAC has continued market testing to understand the rapidly changing membership landscape. These important trials have provided invaluable information to support decisions on the future of the organization. The current test results are as follows:

1. ACS International Chemical Science Chapters were challenged to recruit new members, and are offered a \$15 commission for each new paid ACS member they recruited. The chapters have cumulatively recruited 71 new ACS members under this program. Eight of the 19 international chemical science chapters have participated. The test is still in operation and it was extended by action of Council to April 2019.
2. In an effort to increase the number of reinstating Regular Members, past members are offered the opportunity to re-join ACS for one year at a 15% discount, two years at a 20% discount, or three years at a 25% discount. Lapsed members receive the discount when they reinstate using the Online Membership Application after responding to a dedicated email campaign. This effort has resulted in 808 returning members. At its last meeting, MAC opted to discontinue this test as a standalone effort, instead positioning it under a larger price adjustment test as outlined below.
3. Based upon the success of the introductory program in India, MAC approved a test to implement the World Bank income classification model to provide pricing discounts to countries with an established ACS International Chemical Sciences Chapter or an ACS International Student Chapter. Furthermore, as reported in spring of 2017, MAC approved the merger of the India-specific testing with the broader global program to ease the tracking of membership data. The World Bank model allows for dues rate discounts of 50%, 66% or 75% for upper-middle, lower middle, or lower income countries respectively. Following implementation of web-based membership applications and payment capabilities, the Society has increased international membership over the past 18 months by 1,577 members (25.5%) in countries that received a reduced rate. (Launched June 2016)
4. In 2016, MAC approved a test to discount dues by a percentage or dollar amount based on industry best practices as part of promotional offers for annual or multi-year dues packages. Examples of this include: the returning membership offer as described in item 2 above; discounts on for new members for joining onsite at meetings/events such as IUPAC, CRSI; and a 50% discount to highly engaged non-member authors. To date, 638 members have been recruited under these tests. (Launched August 2016)

5. The Committee on Membership Affairs approved a test to include bundled memberships as part of institutional packages with other offerings of the Society. Such offerings include bundled packages pairing ACS membership with professional education courses, publication subscriptions, event/conference registrations, and CAS products amongst others. Examples of this discount are the Tactic 1 Awardees, Industry Symposium in India, Publications Symposium in China, GC&E Conference, and the Chemistry Class Beta Test. This testing is ongoing, and staff will continue to update MAC annually on the progress of these programs. To date, 948 new members were added through these efforts. As we will not be adding additional Tactic 1 Engaged Author Awardees, and the test due to expire in June 2018, our last report concerning this count to Council is 1,786. (Tactic 1 Launched June 2015) (Bundled Discounts Launched June 2016)

Margaret J. Schooler, Chair

REPORT OF THE COMMITTEE ON 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.

The committee has begun to implement the strategic plan established in 2017. The committee accepted the mission, vision, goals, and objectives. The vision is that ACS members have fulfilling professional lives, and the mission is to support members in their professional lives. The strategic goals of the committee are: 1) Identify, support, deliver, evaluate, relevant programs, 2) Improve, update, develop, curate and disseminate relevant policies and codes of conduct and 3) recommend, develop and evaluate critical resources and services to support members.

CEPA reviews, updates and amends ACS policy statements on a revolving schedule. The ACS policy statement on Retirement Security has been approved ACS Board of Directors. The resulting policy statement can be viewed online at:

<https://www.acs.org/content/acs/en/policy/publicpolicies/education/retirement.html>.

The 2015 ACS statement on Healthcare Policy is currently under review for renewal. The policy statement can be viewed online at: <https://www.acs.org/content/acs/en/policy/publicpolicies/education/healthcare.html>

Please send any comments and/or feedback about the process or guidelines to cepa@acs.org.

In an effort to ensure that all ACS members have access to important career resources regardless of where they live, CEPA is pleased to announce the portfolio of online career service programming is sustainably expanding in 2018 with additional events and workshops offered online and regionally for ACS members. While these programs will continue to be offered at both national meetings, the increase in virtual opportunities and upcoming short program & career fair event series will provide members with more opportunities in their current area.

The ACS Career Fair changes initiated in 2017 will continue following the decade-long records that were set for the number of publicly accessible booths, numbers of employers opting to recruit with a booth, private interview offices booked, and revenue. All meeting attendees are invited to visit the rejuvenated ACS Career Fair without the need for advanced registration for the event; however, the ability to schedule interviews with Career Fair Employers remains an exclusive member benefit.

In 2017, CEPA convened a cross-committee working group to investigate if an ACS policy statement on the topic of immigration and work-related visas could be recommended to the ACS Board of Directors. The working group has representation from the ACS Committees on: Chemistry and Public Affairs, Corporation Associates, Economic and Professional Affairs, Education, International Activities, and Science. This working group reported progress in an ACS Comment entitled, "Working group looks at immigration's impact on chemistry," ([Chemical & Engineering News. 2018.96,2,53](#)) and is requesting feedback from the broader society via the survey located <http://www.acs.org/policyinput>. Any comments on their efforts or on the topic of immigration and work visas should be sent to policy@acs.org.

In late 2016, in an effort to combat declining response rates and over-communication to our members, the ACS Research & Product Development team rolled out a modular-style survey. The modular survey serves as a replacement for the annual Comprehensive Salary & Employment survey and achieves the following goals: collecting missing demographic data for ACS members, tracking brand health metrics and perceptions of the chemical enterprise and gathering feedback on communication preferences. The modular

survey sampling schematic also ensures that ACS members aren't being asked to answer the same survey questions more than once a year. 2017 was the first full year that the modular survey was in effect and is proving to be successful at helping us better understand our members. As we continue to collect data via the modular survey, we will be better positioned to provide and communicate membership value.

Layoffs continue to be a concern for ACS members. To monitor and appropriately respond to these job actions, CEPA has worked with ACS staff to provide information to ACS Local Section leaders about ACS resources that may be available to them should a mass layoff occur in their section. Any Councilors or Section Officers that know of a layoff in their geography should contact careers@acs.org to discuss response options.

Tiffany Hoerter, 2018 Chair
Rick Ewing, 2017 Chair

REPORT OF THE COMMITTEE ON MEETINGS AND EXPOSITIONS

More than 9,000 scientific contributions were made to the 254th National Meeting & Exposition in Washington, DC. The Exposition had 421 booths and 282 exhibiting companies. The total attendance was 12,944.

As part of M&E's comprehensive sustainability plan, fewer print copies of the program book were produced for sale. Only 1,499 program books were sold, while the mobile app was downloaded 8,594 times.

The Expositions Subcommittee identified key strategic initiatives that include identifying non-opposed Exposition hours, attracting more buyers and decision makers, and retaining first-time exhibitors. In addition, M&E approved a \$10 overall expo-only flat fee rate for Boston in fall of 2018 to encourage local attendance. The Regional Meetings Subcommittee will host the 2018 Regional Meeting Planning Conference during the January 2018 Leadership Conference. The Early Member Registration Fee for 2018 national meetings was approved for \$475.

M&E will hold a strategic planning meeting at the spring meeting in New Orleans, including discussion of the following areas: enhancing national meetings; meeting space and cost concerns; analysis of the Exposition; functionality of the mobile app; and elimination of Thursday technical programming. M&E voted to carry out an experiment by eliminating Thursday programming during the ACS Meeting in Atlanta, Georgia in 2021.

After the San Francisco meeting, at the Board's request, M&E participated in task force that was created to consider how to respond to the Texas bathroom bill. The group composed a Freedom to Meet without Limitations position statement, indicating strong ACS opposition to such efforts to discriminate against transgender individuals, backed up by potential withdrawal of national meetings and conferences from Texas.

Kevin J. Edgar, Chair

REPORT OF THE COMMITTEE ON DIVISIONAL ACTIVITIES

At least once every three years, at a spring national meeting, the Committee on Divisional Activities (DAC) is required to bring to Council a formula for allocating dues funds for the divisions. Although DAC presented a formula to Council only one year ago at the San Francisco National Meeting, the committee is seeking Council approval for a revised formula in New Orleans (details on the formula appear on pages 79-80 of this Council agenda).

DAC has announced a new initiative called “Division Row” that will debut at Sci-Mix in New Orleans. The objective is to provide divisions with more exposure to national meeting attendees—particularly the younger chemists divisions are eager to engage, and who appear in such large numbers at Sci-Mix. Participation on the part of divisions is optional. DAC will provide divisions with a standard 4’x8’ poster board (as well as a 6’ table) and position them in a well-trafficked area of Sci-Mix. Participating divisions will place on the board and tables whatever information they would like. DAC will monitor the results of this pilot program.

In order to facilitate collaboration among divisions in the area of future programming at national meetings, DAC will debut in February a new online tool within the ACS Network. It is designed to permit divisions to quickly identify primary programming contacts for the upcoming four national meetings, and easily connect with them to investigate possible areas of cooperation.

DAC is working with staff to develop some novel approaches to persuade a higher percentage of new ACS members to take advantage of the offer to join one division free for one year. Based on the most current data, 35% of new ACS members join a division at no cost. The committee is eager to partner with staff to dramatically increase that number in 2018. On a related note, starting in September, new ACS members will be able to join up to three divisions at no cost for the first year.

Rodney Bennett, Chair

FOR COUNCIL ACTION

Approval of the Distribution Formula for Division Funding

The purpose of the revision is to encourage – and financially reward – divisions to more fully participate in ACS regional and international meetings. The current formula provides no incentive for participation in either category of meeting. ACS national meetings is the only type of meeting for which divisions receive a financial incentive. DAC seeks to change that with this proposal, which we think will more fully advance the mission of the Society.

While the committee’s primary concern is ACS Divisions, DAC believes this proposal will also result in even more vibrant and successful ACS Regional Meetings, as well as ACS international meetings.

The current and proposed formulas appear below.

ACS Bylaws state that 9% of the ACS Member Dues Pool is allocated to the technical divisions.

Allotment Category	Current	Proposed
Base Amount:	15%	15%
Per Member:	12.5%	12.5%
Innovative Projects:	10%	10%
# of Attendees at NM Oral Sessions:	31.25%	25%
# of Members at NM:	15.625%	12.5%
# of Posters presented at NM:	15.625%	12.5%
ACS Regional Meeting Participation:		
# of ½ day sessions organized	-	2.5%
# of Division Members registered	-	5%
ACS Sponsored/Affiliated International Meeting Participation: (Meetings held outside the Continental United States):		
# of ½ day sessions organized	-	5%

As you can see, DAC proposes to reduce from 62.5% to 50% the amount it allocates to divisions for their performance at ACS national meetings. The 12.5% created from this change would be allocated in the following manner: 7.5% would be directed at division participation in ACS Regional Meetings and 5% in ACS international meetings.

More specifically, the 7.5% directed at ACS Regional Meetings would reward divisions based on the number of division members registered for regional meetings (5%), and the number of ½- day sessions divisions contribute to regional meetings (2.5%).

With respect to international meetings, the initial task confronting DAC, as it worked on this new formula, was defining such meetings. For the purpose of this formula, the committee defines such meetings as the following:

- Held outside the continental United States
- ACS-Sponsored or ACS-Affiliated *by virtue of formal approval by the ACS Executive Director; this approval typically takes the form of an MOU or an official co-sponsorship.* Examples of such meetings include Pacifichem, Atlantic Basin Conference on Chemistry (ABCCChem), and division-specific meetings such as the recently approved MOU between the ACS Biochemical Technology Division and the European Society of Biochemical Engineering Sciences.

In terms of how this would impact each division, making such a projection is extremely difficult to do in any meaningfully accurate way. We would need to forecast not only how much of *one division's* engagement with regional and international meetings would change, but also, how each of the *other 31 divisions'* level of activity in this area would change as well. In short, the divisions – acting individually and collectively – will determine how the changes will impact them.

If you have any feedback for DAC regarding this proposal, please direct it to rodbennettdac@gmail.com. Thank you.

REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

In 2017, the Committee on Constitution and Bylaws (C&B), acting for the Council, issued 21 certified bylaws to 15 Local Sections and 6 Divisions: Erie, Georgia, Illinois Heartland, Mark Twain, Mid-Hudson, New Haven, North Alabama, Rio Grande Valley, Silicon Valley, South Plains, St. Joseph Valley, St. Louis, Upper Peninsula, Wakarusa Valley, Wichita, BIOT, BMGT, CELL, COLL, ENFL, and RUBB. Also during 2017, C&B reviewed 26 proposed bylaws. In January 2018, C&B certified bylaws for the Princeton Section and the FLUO Division.

Certified bylaws are posted online at www.acs.org/bulletin5 (click on unit bylaws), along with the certification dates of bylaws for Divisions, Local Sections, and International Chemical Sciences Chapters.

There are two fast and easy ways to update bylaws: use either the model bylaws or the questions document. Both methods give the same results. These documents are available at the above link or contact C&B at bylaws@acs.org.

The January 1, 2018 edition of the ACS Governing Documents (Bulletin 5) and a detailed change document are available at www.acs.org/bulletin5. The online edition is the authoritative version.

There are two petitions that are up for action at this meeting: Petition for Election of Committee Chairs and Petition on the Composition of Society Committees. There are two petitions for consideration: Petition on Affiliation with Other Technical Organizations and Petition to Rename and Remove Restrictions for International Chemical Sciences Chapters. These are available at the above link.

The petition deadline for new petitions to amend the Constitution and/or Bylaws must be received by the Executive Director (bylaws@acs.org) **by May 2** to be included in the Council agenda for the fall 2018 meeting in Boston, MA. We encourage you to send your draft petition to C&B before you start collecting signatures so that we can assist with petition requirements and to ensure that the suggested wording is in accordance with the ACS Governing Documents.

ACS members are invited to attend C&B's open meeting on Sunday, April 2, from 1:30 – 1:45 pm. The Committee will give a brief status report and will respond to any questions or comments you may have on committee-related matters. If you have any questions or comments and are unable to attend this meeting, please send us an email to bylaws@acs.org.

V. Dean Adams, 2018 Chair
James C. Carver, 2017 Chair

Please attend the open meetings of any of the following committees to discuss this petition, ask questions and/or hear comments. This petition has been referred to the ***Committee on Membership Affairs**, Committee on Divisional Activities, Committee on Local Section Activities, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws. (***Committee with primary substantive responsibility**)

For more information see www.acs.org/bulletin5 (click on petitions) or contact bylaws@acs.org. The deadline for written comments is September 22, 2017.

ORIGINAL

FOR CONSIDERATION

Petition on Affiliation with Other Technical Organizations

Bylaw XI, Sec. 3

Petition

We, the undersigned Councilors of the American Chemical Society, hereby petition to amend the SOCIETY Bylaws as follows (additions **underlined**; deletions ~~struck through~~):

Bylaw XI
SOCIETY Affiliation with Other Technical Organizations

Section 1.

To foster the objects of the SOCIETY, the SOCIETY or its Local Sections or Divisions may affiliate with other technical organizations, provided that such affiliation does not contravene the Charter, Constitution, Bylaws, or Regulations of the SOCIETY. (10/4/99)

...

Sec. 3.

Affiliations of SOCIETY Local Sections or Divisions shall become effective upon authorization by their governing body, **approval by their respective Council committees**, and by confirmation by the Council Committee on Constitution and Bylaws, acting for the Council, that the provisions of Section 1 of this Bylaw are met. (10/4/99)

...

Explanation

This petition proposes to add DAC and LSAC to Bylaw XI, Sec. 3, because each is charged under their respective duties in Bylaw III, Sec. 3, d, (1), (c), that DAC and LSAC act for Council, in collaboration with C&B, in approving the affiliation of Divisions/Local Sections with other technical organizations:

DAC:

(vii) acting for the Council, in collaboration with the Committee on Constitution and Bylaws, in approving the affiliation of Divisions with other technical organizations. (6/1/73)

LSAC:

(xi) acting for the Council, in collaboration with the Committee on Constitution and Bylaws, in approving the affiliation of Local Sections with other technical organizations. (11/7/07)

Signed:

Dr. Gary Don Anderson	Mr. John Michael Long	Dr. Douglas James Sawyer
Mr. Rodney Morris Bennett	Dr. Kathryn Louie	Dr. Lorena Tribe
Dr. John Engelman II	Mr. Vincent Michael Mautino	Dr. Justyna Widera-Kalinowska
Dr. John Westcott Finley	Dr. Mary Ann Meador	Dr. Elaine S. Yamaguchi
Dr. Connie Gabel	Dr. Mary Virginia Orna	
Dr. Tracy Paul Hamilton	Dr. Jason E. Ritchie	

(This petition has been referred to the ***Committee on Membership Affairs**, Committee on Divisional Activities, Committee on Local Section Activities, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws.)

***Committee having primary substantive responsibility**

PRELIMINARY STATEMENT OF FINANCIAL IMPACT

The financial implications of this petition are still being assessed. The Final Statement of Financial Impact will be available per Article XVIII, Sec. 2, d, which states in part, “The Chair of the Society Committee on Budget and Finance shall prepare a financial impact statement which also shall appear in the Council agenda when action is to be taken on the petition.”

PRELIMINARY REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws has reviewed the petition and finds it to be legal and not inconsistent with the Bylaws of the SOCIETY. The proposed Bylaw amendment accomplishes the petitioners’ goal of adding the approval from the Committees on Divisional Activities and Local Activities for the affiliation of Divisions/Local Sections with other technical organizations, since these approvals are already included in their respective duties elsewhere in the Bylaws.

Within thirty days after the Council meeting at which this petition is considered, comments and suggestions on the substance of the petition from opponents, committees, petitioners, and other interested members should be directed to the Chair of the Committee on Membership Activities which has primary substantive responsibility for the petition. Comments and suggestions may be sent to bylaws@acs.org.

Dr. V. Dean Adams
Chair

Petition to Rename and Remove Restrictions for International Chemical Sciences Chapters

Please attend the open meetings of any of the following committees to discuss this petition, ask questions and/or hear comments. This petition has been referred to the ***Committee on Membership Affairs**, Committee on Divisional Activities, Committee on Local Section Activities, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws. (***Committee with primary substantive responsibility**)

For more information see www.acs.org/bulletin5 (click on petitions) or contact bylaws@acs.org. The deadline for written comments is September 22, 2017.

ORIGINAL**FOR CONSIDERATION****Petition to Rename and Remove Restrictions for International Chemical Sciences Chapters****Constitution Article XIV, Bylaw III, Sec. 3, d, (1), (f), Bylaws IX, Sec. 4****Petition**

We, the undersigned Councilors of the American Chemical Society, hereby petition to amend the SOCIETY Constitution and Bylaws as follows (additions **underlined**; deletions ~~struck through~~):

Constitution Article XIV
International Chemical Sciences Chapters

Upon the written request of not fewer than 25 members of the SOCIETY residing in a defined geographic area outside the United States of America, the Board of Directors with the approval of the Council may authorize formation of an International Chemical Sciences Chapter, **hereinafter International Chapter**. The criteria for the formation and review of International ~~Chemical Sciences~~ Chapters of the SOCIETY are provided in the Bylaws. (~~11/18/91~~)

Bylaw III
Sec. 3

Committees of the Council

...

d. Standing Committees of the Council

(1) The names and duties of the Standing Committees of the Council shall *inter alia* include:

...

(f) *Committee on Constitution and Bylaws*

(i) performing the duties assigned in the Constitution and Bylaws of the SOCIETY;

...

(iv) reviewing and making recommendations to the Council concerning desirable changes in the charter bylaws for new Local Sections and International ~~Chemical Sciences~~ Chapters, and in the bylaws for Divisions in probationary status; (~~11/18/91~~)

[Similar changes would be made to all subsequent Bylaws.]

Bylaw IX, Sec. 4.

An International ~~Chemical Sciences Chapter shall receive no allotment of funds from the SOCIETY and shall not be entitled to elected representation on the Council.~~ A Chapter may assess its members local Chapter dues to be expended for its own purposes in harmony with the objects of the SOCIETY. (~~11/18/91~~)

Explanation

The first proposal is to allow all instances of “International Chemical Sciences Chapters” in the Constitution and Bylaws to be also known as “International Chapters.” This is to help streamline the ACS Governing Documents without changing current, Council-approved chapter bylaws.

The second proposal addresses the recent ACS Council Meeting in Washington, D.C. when a similar petition failed by fewer than eight votes; it did not receive the required two-thirds (2/3) approval. Bylaw IX was written more than twenty-five years ago when International Chemical Sciences Chapters were created. In addressing concerns raised on the Council floor in D.C., this simplified petition creates a pathway for International Chapters to have a role in the Society to help to carry out Article II, Section 3 of the ACS Constitution: “The SOCIETY shall cooperate with scientists internationally and shall be concerned with the worldwide application of chemistry to the needs of humanity.”

The International Chapters are governed and operated by ACS member volunteers in the same way as Divisions and Local Sections. International Chapter leaders are ACS members, including: U.S. citizens working and teaching abroad; chemists, chemical engineers and chemistry educators who have received their education in the U.S. or abroad; ACS award recipients, editors, authors, donors, and national/regional meeting presenters based outside the United States. In their countries, these volunteers donate their time to hold meetings and conduct activities to benefit chemistry and the Society.

The leaders and members of these International Chapters provide ACS with valuable international networks within the worldwide chemistry enterprise. The Society cannot afford to be insular considering the value that members of International Chapters bring to the Society.

The proposed, revised language removes the allotment restriction that International Chapters shall not receive funds but does not authorize any allotment of funds from ACS; this does not take away any dues funds from Divisions or Local Sections. The Board of Directors may grant funds for a specific requested purpose. The petition also removes the restriction that International Chapters are not entitled to elected representation on the Council; it does not permit them to have Councilors, but it paves the way in case this is permitted in the future.

Signed:

Dr. Madan M. Bhasin
Dr. Ellene Tratras Contis
Dr. Richard S. Danchik
Ms. Merle I. Eiss
Dr. Morton Z. Hoffman

Dr. Cynthia A. Maryanoff
Dr. Attila E. Pavlath
Dr. Agnes M. Rimando
Dr. E. Thomas Strom
Dr. Kap-Sun Yeung

Petition to Rename and Remove Restrictions for International Chemical Sciences Chapters

(This petition has been referred to the ***Committee on Membership Affairs**, Committee on Divisional Activities, Committee on Local Section Activities, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws.)

***Committee having primary substantive responsibility**

PRELIMINARY STATEMENT OF FINANCIAL IMPACT

The financial implications of this petition are still being assessed. The Final Statement of Financial Impact will be available per Article XVIII, Sec. 2, d, which states in part, “The Chair of the Society Committee on Budget and Finance shall prepare a financial impact statement which also shall appear in the Council agenda when action is to be taken on the petition.”

PRELIMINARY REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws has reviewed the petition and finds it to be legal and not inconsistent with the Constitution and Bylaws of the SOCIETY. There are a few similarities between this petition and the one that was up for action at the ACS national meeting in Washington, DC. Both petitions remove the phrases, “shall receive no allotment of funds” and “shall not be entitled to elected representation on the Council”. However, this petition 1) did not add the phrase, “may receive financial support”, which is already permitted if granted by the Board; 2) changed “may assess local dues” to “may assess its members Chapter dues”; and 3) proposed to refer to an International Chemical Sciences Chapter as an “International Chapter” in the Constitution and Bylaws. By making changes to the Constitution, this portion of the petition would be up for vote by ACS members if this petition is approved.

The deleted phrases that are mentioned above do not (yet) permit International Chemical Sciences Chapters to have elected representation on Council and to receive an allotment of funds because other provisions in the Constitution and Bylaws would have to be amended in both cases.

Within thirty days after the Council meeting at which this petition is considered, comments and suggestions on the substance of the petition from opponents, committees, petitioners, and other interested members should be directed to the Chair of the Committee on Membership Affairs, which has primary substantive responsibility for the petition. Comments and suggestions may be sent to bylaws@acs.org.

Dr. V. Dean Adams
Chair

A. Chemists with Disabilities
(joint with Board)

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

Highlights for the New Orleans, LA national meeting are as follows:

CWD Travel Award for 2018 Fall National Meeting: CWD has a new travel award that will continue in 2018. The purpose of the ACS-CWD (American Chemical Society – Committee on Chemists with Disabilities) Travel Award is to encourage the participation of undergraduate/graduate students and post-docs with disabilities who will present a talk or poster at the Fall ACS National Meeting. Up to \$3,000 will be awarded per recipient. The application deadline is May 15, 2018. We welcomed our first recipient of the CWD Travel Award, Amie Norton, at the fall national meeting in Washington, D.C.

2018 AAAS Award for Public Engagement in Science: The AAAS Award for Public Engagement with Science recognizes scientists and engineers who make outstanding contributions to the "popularization of science." CWD will consider nomination for the award for the committee's project, Chemists with Disabilities Travelling Posters that are displayed at each national meeting. These posters that showcase various chemists/scientists who have made great contributions to chemistry and science have been sent in classroom size and in bookmark form by request to K-12 schools, colleges/universities, displayed at the USDA in Denver for Disabilities Month, and have also been requested to be displayed (travel sized) at a few ACS regional meetings in 2018. A majority of these requests were a result of the posters being displayed outside the Council meeting room during national meetings. The traveling posters communicate a great deal of chemistry to the public at large and show ACS' commitment to engaging the disability community science.

ACS CWD collaboration with AIChE - Chemical Engineers with Disabilities: The American Institute of Chemical Engineers has formed the Chemical Engineers with Disabilities Task Force to promote awareness and employment of students and professionals in chemical engineering with disabilities. The new task force reached out to ACS CWD to present at their national meetings. Committee members have presented their experiences and best practices at AIChE meetings in San Francisco in 2016 and Minneapolis in 2017 and Orlando in 2018.

James Schiller, 2018 Chair
John J. Johnston, 2017 Chair

B. Community Activities
(joint with Board)

In honor of the 15th Anniversary of the Chemists Celebrate Earth Day (CCED) program, CCA is expanding the program to Chemists Celebrate Earth Week (CCEW) this year. The inaugural CCEW theme is “Dive into Marine Chemistry.” Materials will be available for Local Section CCEW Coordinators and all interested volunteers starting on February 1, 2018. CCEW 2018 will be celebrated around the world from April 22 – 28. All Local Sections are encouraged to celebrate CCEW through local outreach events, organizing local community events, and hosting an Illustrated Poem Contest. All Local Section CCEW coordinators will receive free printed copies of *Celebrating Chemistry*, in both English and Spanish, to distribute at their events. All International Chemical Sciences Chapters, International Student Chapters, and other interested volunteers can access free electronic copies of *Celebrating Chemistry* and useful resources and graphics to help host their events at www.acs.org/ccew.

The 2018 CCA Outreach Event, highlighting the CCEW Theme and the work of partner organizations in New Orleans, will take place on Saturday, March 17 from 10:00 a.m. until 1:00 p.m. at the Lyons Recreation Center. CCA will expand on the Lyons Center’s existing Science Saturdays programs to share the joy of chemistry with an even larger community in our host city.

CCA will also host, in collaboration with Undergraduate Student Programming, a workshop to prepare volunteers for their upcoming CCEW and other outreach events. The CCA CCEW Workshop will take place on Monday, March 19 from 4:00 p.m. – 5:15 p.m.

CCA celebrated the 30th Anniversary of National Chemistry Week (NCW) during the 254th ACS National Meeting and Exposition in Washington, D.C. Celebrations included an NCW-Themed CCA Outreach Event held at ACS Headquarters on Saturday, August 19 and a reception honoring NCW volunteers on Sunday, August 20. NCW 2017 took place from October 22-28 and celebrated geochemistry, with the theme “Chemistry Rocks!” In 2017, 81% of Local Sections designated and confirmed an NCW Coordinator and 10,000 more copies of *Celebrating Chemistry* were distributed than in 2016.

In addition to preparations for CCEW 2018, CCA is already preparing materials for NCW 2018. The 2018 NCW Theme will be “Chemistry is out of this World!”

Michael McGinnis, Chair

C. International Activities

The ACS Joint Board-Council Committee on International Activities (IAC) works to further the Society's constitutional commitment to "*cooperate with scientists internationally and be concerned with the worldwide application of chemistry to the needs of humanity.*" Article II, Section 3, ACS Constitution.

At its meeting in Washington, DC on Saturday, August 19, 2017, IAC welcomed ACS sister society representatives and the Minister-Counselor and Head of Section Science and Technology for the Embassy of the Federal Republic of Germany who addressed the Committee on Science Diplomacy: Opportunities for Cooperation with Professional/Learned Societies.

During his invited luncheon remarks, the 2018 ACS President Elect, challenged the committee to help

- ACS Local Sections, Divisions, Committees, and Chapters coordinate development, structure, delivery and evaluation of their international priorities and interests;
- ACS better identify and further member global scientific networks and relationships;
- engage global youth development communities to promote STEM and chemistry;
- further the contribution of chemistry to attain the UN Sustainable Development Goals;
- more broadly disseminate the contributions and successes of IAC flagship offerings and service to the Society.

The committee reviewed and accepted with thanks annual reports from ACS International Chemical Sciences Chapters in Brazil, South Africa, Nigeria, Hungary, Romania, UAE, Hong Kong, India, Shanghai, South Korea, Taiwan, and Thailand. IAC also reviewed and recommended ACS Council approval of two new chapter applications: Jordan and Qatar.

Action on these applications will be brought forward by the IAC Chair during his oral report to Council at the ACS National Meeting in New Orleans.

Finally, IAC warmly invites Council members to join us for the IAC Open Meeting, Saturday, March 17, 1:00-3:00 p.m. where we will be discussing ACS and the 2019 International Year of the Periodic Table and to attend the IAC International Reception, Sunday, March 18, 5:30-7:30 p.m. Both events take place at the New Orleans Hilton Riverside Hotel.

Jens Breffke, 2018 Chair
Ellene T. Contis, 2017 Chair

FOR COUNCIL ACTION

Petition to Charter an International Chemical Sciences Chapter (Jordan)

One legal application has been received for the formation of a new international chemical sciences chapter to be known as the Jordan International Chemical Sciences Chapter. The Jordan International Chemical Sciences Chapter will consist of the territory of Jordan and is not part of any other Chapter or Local Section of the Society.

The petition was initiated and signed by ACS members in good standing and residing in the territory. The application meets all of the requirements of Bylaw IX of the Society, and includes a statement that the applicants are familiar with and will abide by all governing documents of the Society including specifically Bylaw IX Section 2(c), which states that the Chapter and its officers as representatives of the Chapter shall not engage in political activity, shall avoid any activities that may adversely affect the interests and/or public and professional image of the Society, and shall assure that all activities of the Chapter shall be open to all members of the Society. The application includes a proposed budget for the operation of the Chapter, which includes no allotment of funds from the Society. The petition has been reviewed by the ACS Joint-Board Committee on International Activities (IAC).

This action seeks the approval of the Council and is contingent on the approval from the ACS Board of Directors, after which, the Chapter will begin operation.

Petition to Charter an International Chemical Sciences Chapter (Qatar)

One legal application has been received for the formation of a new international chemical sciences chapter to be known as the Qatar International Chemical Sciences Chapter. The Qatar International Chemical Sciences Chapter will consist of the territory of Qatar, and is not part of any other Chapter or Local Section of the Society.

The petition was initiated and signed by ACS members in good standing and residing in the territory. The application meets all of the requirements of Bylaw IX of the Society, and includes a statement that the applicants are familiar with and will abide by all governing documents of the Society including specifically Bylaw IX Section 2(c), which states that the Chapter and its officers as representatives of the Chapter shall not engage in political activity, shall avoid any activities that may adversely affect the interests and/or public and professional image of the Society, and shall assure that all activities of the Chapter shall be open to all members of the Society. The application includes a proposed budget for the operation of the Chapter, which includes no allotment of funds from the Society. The petition has been reviewed by the ACS Joint-Board Committee on International Activities (IAC).

This action seeks the approval of the Council and is contingent on the approval from the ACS Board of Directors, after which, the Chapter will begin operation.

D. Minority Affairs
(joint with Board)

The ACS Committee on Minority Affairs (CMA) is continuing the substantial progress of the past few years of increasing awareness of diversity issues via co-programming with ACS Technical Divisions and other committees. In New Orleans, CMA is co-sponsoring the symposium “How to Foster Diversity in the Chemical Sciences” with the WCC and PROF, and the symposium “LGBTQ+ Graduate Student and Postdoctoral Scholar Research Symposium.” with PROF, CWD, WCC, YCC and others. In addition, CMA is supporting a symposia and workshop on the “Science of Sexual Harassment: Working to Stop Harassment in Departments & at Meetings” with WCC, C&EN, D&IAB and YCC. Please consult the final meeting program or app for location and times.

CMA invites you to attend a luncheon on Monday, March 19th, featuring Dr. Luis M. Campos, Associate Professor in the Department of Chemistry at Columbia University. Dr. Campos’s personal and professional stories are compelling. He was born in Guadalajara, Mexico, and moved at the age of 11 to Los Angeles, California. He received a B.Sc. in Chemistry from CSU Dominguez Hills in 2001, and a Ph.D. from the Department of Chemistry & Biochemistry at UCLA in 2006 working under the supervision of M. A. Garcia-Garibay and K. N. Houk. At UCLA, he was awarded the NSF Pre-doctoral Fellowship, Paul & Daisy Soros Fellowship, and the Saul & Silvia Winstein Award for his graduate research in solid-state photochemistry. Switching to materials chemistry, he went to UCSB as a UC President's Postdoctoral Fellow to work under the supervision of C. J. Hawker at the Materials Research Laboratory. At Columbia, his group’s research interests lie in polymer chemistry, self-assembly, and organic electronic materials. To date, he has co-authored over 80 articles and 12 patents; and he has received various awards, including the ACS Arthur C. Cope Scholar Award, ONR Young Investigator Award, NSF CAREER Award, 3M Non-Tenured Faculty Award, I-APS Young Faculty Award, the Journal of Physical Organic Chemistry Award for Early Excellence, and the Polymers Young Investigator Award. In addition to these research accolades, Dr. Campos has been recognized for his pedagogical contributions by the Cottrell Scholar Award, Columbia University Presidential Teaching Award, the Camille Dreyfus Teacher-Scholar Award, as well as for many outreach programs aimed to increase diversity in the chemical enterprise and STEM.

In addition to co-programming aimed to elevate the presence of diversity at ACS National meetings (Goal 1), this year CMA is working on two additional goals to: 1. Advocate for increased recognition of racially and ethnically under-represented chemical scientists for various ACS awards; and 2. Create a pipeline of underrepresented peoples that are developed to participate in the chemical enterprise as practitioners and societal leaders. To achieve the first of these goals, CMA will continue to nominate diverse candidates, such as our successful 2017 candidate Al Ribes, for ACS Fellowships and Awards. Furthermore, CMA will address the second of these goals by working with local chapters to engage in more strategic community outreach programming for National Chemistry Week and The International Year of the Periodic Table.

Ann Kimble-Hill, 2018 Chair
Madeleine Jacobs, 2017 Chair

E. Nomenclature, Terminology, and Symbols

In its effort to restructure, consolidate, and update the Braille code for Chemical Notation, the Committee on Nomenclature, Terminology, and Symbols (NTS) has been working with representatives of the visually impaired community over the last year. The efforts have provided some efficiencies in the Braille code (last revised in 1997) that should have a significant impact on chemists, and particularly on visually impaired students at the secondary and post-secondary levels. NTS anticipates completion of the initial stages of the project to be completed by Fall 2018.

NTS has also recently participated in a focused Strategic Planning meeting in Washington DC. That effort has provided an updated vision and mission statement for the committee. The results of the meeting have also directed the committee to a series of goals it hopes to accomplish in the coming years in the areas of outreach, communication within and external to the Society, and education of chemists and the public.

NTS continues its involvement in outreach and education to the ACS membership. Numerous publications and presentations on the SI unit re-definition, InChI code definitions, element naming practices, and explanations of nomenclature rules. Those publications were found in ACS journals and in committee newsletters. Presentations at National Meetings and Regional ACS Meetings increased the communication level to groups across the U.S.

NTS's liaison activities with IUPAC Division VIII and the U.S. Adopted Names program have been particularly fruitful. For example, the interactions have resulted in a better understanding of how the USAN provides names for new therapeutic agents, particularly for those derived from monoclonal antibodies.

Finally, NTS has begun gearing up for the year of celebration of the Periodic Table's 150th anniversary in 2019. This anniversary also coincides with the 100th anniversary of IUPAC.

Michael D. Mosher, Chair

F. Public Relations and Communications
(joint with Board)

The Joint Board-Council Committee on Public Relations and Communications (CPRC) is focused on providing tools and resources for ACS members, local sections and divisions to more effectively communicate about their activities and the value of chemistry, to a variety of audiences. Recent progress includes the following:

- The CPRC Chair provided an ACS Comment in the January 15, 2018 Edition of C&EN titled: Public relations makeover: Rebranding for the digital age which provides an overview of the Public Relations Makeover initiative that CPRC is piloting for interested local sections and divisions in 2018 and promotes the Social Media 101 workshop the committee has organized for the upcoming ACS National Meeting in New Orleans. Local section and division officers are encouraged to send an appointed representative to the Social Media 101 workshop which will be held Sunday March 18, 2018 at the Hilton New Orleans Riverside, Grand Salon A, Sec 4 from 9am-12pm.
- CPRC is continuing the process they started in 2017 of creating a series of CPRC branded videos. The first video released in 2018 will be a guide to ACS Public Relations Awards that CPRC canvasses for and/or sponsors.
- CPRC is co-sponsoring “How Chemistry Can Earn Public Trust,” which will be held Monday, March 19 from 1:30 pm to 5:00 pm in the Convention Center (room needed). The interactive workshop is a collaboration between ACS, the Royal Chemistry Society and the German Chemical Society. It is designed to help attendees learn how trust is built and lost, what effect this has on science communication, and what those communicating science must do to engender trust with non-scientific audiences.
- CPRC co-sponsored “Science Cafes and Engaging the Public: Techniques for Hosting Successful Events,” which will be held on Sunday, March 18. This Presidential symposium explore best practices for engaging the public through lively science cafes.
- Any section that needs help communicating with public audiences is urged to contact CPRC staff liaison Sue Morrissey for assistance, s_morrissey@acs.org.

Jennifer Maclachlan, Chair

G. Publications
(joint with Board)

The Joint Board-Council Committee on Publications (JBCCP) met and discussed the following:

The journal monitoring reports for *Accounts of Chemical Research*, *ACS Chemical Neuroscience*, *Chemistry of Materials* and *Organic Letters* were presented, discussed thoroughly and accepted with thanks. Editor reappointments were reviewed and recommendations were made to the ACS Board of Directors. The next publications to be monitored in Spring 2018 will be the *Journal of Chemical Information and Modeling* and *Industrial & Engineering Chemistry Research*.

It was announced that upon the Editor Search Committee's recommendation, the ACS Board of Directors had approved the appointment of Dr. Shana Sturla (ETH Zurich) to serve as the Editor-in-Chief of *Chemical Research in Toxicology*, effective August 1, 2017 to December 31, 2022.

The JBCCP discussed the proposed amendments to the Petition for Election of Committee Chairs, specifically with respect to the proposed process for elected appointment of chairs of Joint Board-Council Committees. The committee voted to express its support for the proposed amendments.

The committee reviewed and discussed the 2017 ACS Strategic Plan; no proposed additions or changes were offered for consideration for inclusion in the current plan.

The Division President presented an overview of the ACS Publications Division's operational highlights and new innovation initiatives, including the new ACS Reviewer Lab to provide free online instruction for researchers on the completion of peer reviews, and the recent launch of *ChemRxiv*, a new chemistry preprint server being undertaken by the Society in partnership with the Royal Society of Chemistry and the German Chemical Society. The committee was encouraged to review *ACS Axial* for additional highlights, and to visit the ACS Publications exhibition during the meeting for events and publications being featured there.

The Editor-in-Chief of *C&EN* presented a summary of editorial highlights that were covered in the magazine's editorial board meeting held earlier in the day. The JBCCP was also informed about the progress made against key priorities set out last November in *C&EN*'s strategic plan for the period 2017-2020. In particular, the reorganization of the editorial and production staff and recruitment to fill newly created positions is now near completion, as is the revamping of *C&EN*'s content management system, which will be operational with the August 28th issue. The introduction of the new digital edition took place at the beginning of May and has coincided with *C&EN* securing a new digital distribution vendor to provide enhanced presentation features for readers, as well as enabling significant publishing cost savings. It was reported also that the redesign of *C&EN Online* is proceeding well; several early user testing sessions were conducted during the ACS Washington National Meeting.

Nicole S. Sampson, Chair

H. Senior Chemists
(joint with Board)

The Senior Chemists Committee (SCC) continues to work to progress its strategic goals.

In 2017, the SCC Mini-Grant Program received 21 applications from Local Sections (an increase of more than 100%) looking to establish new senior groups and host special events to recognize senior chemists and encourage engagement. Awards were given to all of the applicants; 11 of the 21 Local Sections have reported on very successful events. Some of the highlights include the Corning Section touring the Corning Research Labs with presentations on optical wave-guide and glass research, and a social event hosted by Ole Miss on how to facilitate interactions between older and younger members from different areas of chemistry with participants from the University of Mississippi's Departments of Chemistry & Biochemistry, Chemical Engineering, and Bio-molecular Sciences. Central Texas hosted a dinner with Kate Fryer (EVP, ACS Membership) presenting a plaque to the section and ACS Director Paul Jagodzinski making a special presentation to honor senior chemists for their many years of service in ACS.

The number of members on the Senior Chemists Group on the ACS Network has increased with about 250 members and even more followers. The group has achieved an increased level of engagement also – some posts have received as many as 2,000 views and 10-12 comments. A promotion of the ACS Scholars Program, a special video of the 75th Anniversary of the Isolation of Plutonium celebrating Michael Cefola, and announcements of Local Section events were featured on the network group as well.

With an increase in both readership and articles submitted in 2017 for *The Newsletter for Senior Chemists*, SCC members voted unanimously to shorten future issues at its meeting in DC (August 2017) in response to a suggestion made at a regional meeting to further encourage readership. However, the number of issues released annually will increase from two to three (distributions in March, July, and November). The most recent issue of the newsletter was released in November 2017; the next release is scheduled for March 2018. SCC also discussed plans for a symposium titled *Senior Chemists Tell Their Tales* to be held at the New Orleans national meeting in collaboration with the Small Chemical Businesses Division.

SCC members attended, and assisted with planning events for senior chemists at the 2017 Southeastern, Mid-West, Rocky Mountain, and Central Regional Meetings. An article with highlights of the events will be featured in the next issue of the SCC newsletter. SCC will continue its efforts to include senior chemists' activities in regional meeting planning. A brief proposal describing this was presented by the SCC chair to regional meeting officers at the ACS 2018 Leadership Institute held in Dallas, TX in January.

SCC welcomes Dr. Calvin Mackie as the keynote speaker for its upcoming Senior Chemists Breakfast in New Orleans. Dr. Mackie is the CEO of Channel ZerO Group, LLC and Executive Director of STEM NOLA. He holds a Ph.D. in Mechanical Engineering from Georgia Tech and is an award-winning mentor, inventor, author, and entrepreneur. His talk will focus on efforts to engage students, communities, and policymakers in New Orleans about STEM opportunities and how to get involved in your communities.

Thomas R. Beattie, Chair

I. Women Chemists
(joint with Board)

The Women Chemists Committee is now implementing the recommendations resulting from the strategic planning process completed in 2017. The strategic plan made it clear that WCC must continue to advocate for women chemists on various issues.

It was evident in the past year, not only in realms such as entertainment and politics, but also within the sciences, that awareness and prevention of sexual harassment is a topic of enormous importance. WCC is pleased to partner with Chemical & Engineering News (C&E News) to feature a full-day symposium, on Monday March 19th, entitled “Science of Sexual Harassment”. The symposium features expert speakers interviewed for the September 18th, 2017 C&E News article published by Linda Wang and Andrea Widener, “Confronting sexual harassment in chemistry”. This symposium has garnered significant financial support from C&E News, the Committee on Minority Affairs, the Diversity & Inclusion Advisory Board, the Division on Professional Relations, and the Younger Chemists Committee. This symposium, also co-sponsored by 2018 ACS President Peter Dorhout, will be followed up with a ticketed workshop on the morning of Tuesday March 20th, “No Means No: How to Stop Harassment” presented by consultant Sherry Marts.

Other WCC national meeting events to be held in New Orleans include the following:

- The 2017 Francis P. Garvan-John M. Olin Medal award winner Valerie Kuck, will be honored at the WCC Luncheon on Tuesday, March 20th, with a symposium to follow at the Fall national meeting in Boston.
- Recipients of the 2018 Spring WCC/Eli Lilly Travel Award will share their accomplishments at a poster session prior to the WCC luncheon.
- Dr. Rebecca Ruck, recipient of the 2018 ACS Award for Encouraging Women into Careers in the Chemical Sciences, will be honored during a WCC-sponsored half-day symposium, Tuesday morning, March 20th.
- Winners of the 7th annual WCC Rising Star award, which recognizes early to mid-career women with exceptional accomplishments in their fields, will speak at a half-day symposium, Tuesday afternoon, March 20th. Following their symposium, they will be honored at the WCC “Just Cocktails” networking reception and Open Meeting.
- The Women in the Chemical Enterprise Breakfast will take place on Monday March 19th. The theme is “At the center of industrial, academic, government, and non-profit employers ... is you! Making connections is part of the foundation to get to the next level.” The breakfast will feature facilitated table networking discussions with representatives from different employment sectors.

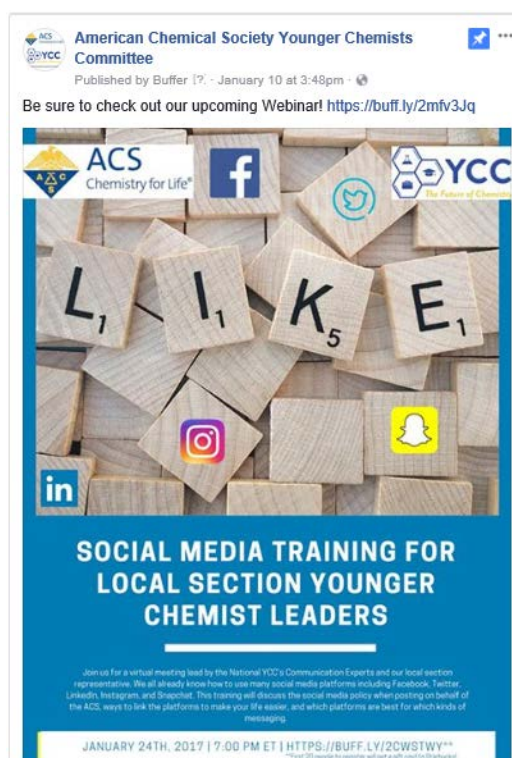
Kimberly A. Woznack, 2018 Chair
Laura Sremaniak, 2017 Chair

J. Younger Chemists
(joint with Board)

The Younger Chemists Committee (YCC) met in Washington, DC on August 18-19, 2017 as part of the 254th National Meeting of the American Chemical Society. The YCC is comprised of young and early career chemists who have already demonstrated great leadership potential and are in the early stages of their journey with the Society. As such, we are often asking questions about how and why the Society operates, as well as channeling our passion for making the world better, in order to learn more about our current community and help it grow into the future. We are grateful for the many people who, formally and informally, provide mentorship to our Committee, while simultaneously allowing us to retain autonomy and supporting us as we strive to make an impact for chemists everywhere. Despite the YCC being the only committee where members “age off”, we have a long history of alumni leaving the YCC to provide an impact throughout the Society, so I encourage you to consider engaging YCC members, old and new, in all your efforts, as I’m certain we will continue to be an asset to your work.

The YCC continues to utilize its large social media presence to help connect with younger chemists across the Society on a variety of fronts. During the 2017 ACS Presidential Election, the Committee hosted our 2nd annual *Catalyze the Vote* initiative to drive awareness and interest of younger chemists towards the ACS National Election and the benefits of being ACS members. This involved hosting another successful **Live Virtual Town Hall** where ACS members logged in to hear from the two Presidential Candidates, Dr. Bonnie Carpenter and Dr. Willie May, to ask them specific questions about what they hoped to accomplish if elected ACS President. The event was also recorded and provided as a view on demand service to reach an even broader audience than during the live edition.

The YCC has also launched a series of webinars aimed at helping Local Section YCC groups to better engage their local constituents, make an impact in their local sections, and empower chemists from a grassroots level. We recently hosted a training webinar on how to improve social media presence and utilization for local sections (right image) and we look forward many more in the coming months.



The location for the most up-to-date information on our efforts is the YCC website (<http://ycc.sites.acs.org/>). Here, we feature both YCC-led awards, initiatives, and news, as well as other societal information that is relevant to younger chemists. If you wish to share information with our constituency through our website or active online presence (including Facebook, LinkedIn, and Twitter), please submit the relevant information via our online form (bit.ly/YCC-COM-FORM), and a member of the YCC Communications Subcommittee will provide assistance. We’re happy to help drive interest and awareness to your activities, awards, and resources.