

**MINUTES**  
**COUNCIL**  
**AMERICAN CHEMICAL SOCIETY**  
March 21, 2018  
New Orleans, Louisiana

The Council of the American Chemical Society met in New Orleans, Louisiana, on March 21, 2018, beginning at 8:00 a.m. Peter K. Dorhout, 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, Bonnie A. Charpentier, Thomas M. Connelly, Jr., Peter K. Dorhout, Ned D. Heindel, Rigoberto Hernandez, Nancy B. Jackson, Paul W. Jagodzinski, Wayne E. Jones, Jr., Thomas H. Lane, Lee H. Latimer, Flint H. Lewis, Ingrid Montes, E. Ann Nalley, Donna J. Nelson, Gordon L. Nelson, Attila E. Pavlath, Laura E. Pence, Dorothy J. Phillips, Barbara A. Sawrey, Diane Grob Schmidt, Kathleen M. Schulz, Bassam Z. Shakhshiri, Edel Wasserman, and Marinda Li Wu.

**Bylaw:** Lissa Dulany

**Divisions:** *Agricultural & Food Chemistry*, Michael Appell, Lauren Jackson, Agnes M. Rimando. *Agrochemicals*, Rodney M. Bennett, Jeanette M. Van Emon. *Analytical Chemistry*, Karl S. Booksh, Michelle V. Buchanan, Roland F. Hirsch, Susan J. Olesik. *Biochemical Technology*, Arindam Bose, Cynthia H. Collins, Sadettin Ozturk, Sharon P. Shoemaker. *Biological Chemistry*, Barbara L. Golden, 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, Sheila M. Murphy, Scott H. Rennekar. *Chemical Education*, Roxie Allen, Iona Black, Patrick L. Daubenmire\*. *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, Andrew V. Teplyakov\*. *Computers in Chemistry*, Christine M. Aikens, Christopher J. Cramer, Emilio X. Esposito. *Energy & Fuels*, Joe D. Allison, Elise B. Fox, Lisa Houston, Michelle Kidder\*. *Environmental Chemistry*, V. Dean Adams, Alan W. Elzerman, Jurgen H. Exner, Jillian L. Goldfarb\*. *Fluorine Chemistry*, David A. Dixon. *Geochemistry*, James D. Kubicki. *History of Chemistry*, Roger A. Egolf, Mary Virginia Orna. *Industrial & Engineering Chemistry*, Mary K. Engelman, Janet Smith\*, Peter M. Smith, George G. Stanley\*. *Inorganic Chemistry*, Debbie C. Crans, Clark R. Landis, Chip Nataro\*, Silvia Ronco. *Medicinal Chemistry*, Jane V. Aldrich, William J. Greenlee, Carrie Haskell-Luevano. *Nuclear Chemistry & Technology*, Paul D. Benny\*, Silvia S. Jurisson. *Organic Chemistry*, David A. Conlon, Huw M.L. Davies, Cynthia A. Maryanoff. *Physical Chemistry*, Christine K. Payne, Ellen B. Stechel, Theresa L. Windus. *Polymer Chemistry*, Joseph M. Mabry, Mary Ann Meador, Gregory N. Tew, Kathryn E. Uhrich. *Polymeric Materials: Science & Engineering*, Anthony J. Dias, 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. *Alaska*, Patrick Tomco\*\*. *Auburn*, Christian R. Goldsmith. *Baton Rouge*, Bryan K. Franklin. *Binghamton*, Aleksandra Silva. *Brazosport*, Carolyn Ribes. *California*, G. Bryan Balazs, Daniel F. Calef\*, Michael T.H. Cheng, Mark D. Frishberg, Sheila Kanodia, Paul F. Vartanian, Elaine S. Yamaguchi. *California Los Padres*, Justin A. Russak. *Carolina-Piedmont*, Matthew K. Chan, Marilynn J. Sikes. *Central Arizona*, Richard C. Bauer, Douglas J. Sawyer. *Central Massachusetts*, Chittoor R. Narahari\*. *Central New Mexico*, Bernadette A. Hernandez-Sanchez, Donovan R. Porterfield. *Central New York*, Miriam M.

\*Alternate Councilor

\*\*Temporary Substitute Councilor

Gillett-Kunnath\*\*. *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*, Michael J. Dabney\*. *Chemical Society of Washington*, Allison A. Aldridge, Alan J. Anderson, Joseph M. Antonucci, Christopher W. Avery, John M. Malin, Kim M. Morehouse, Sara V. Orski, Judith F. Rubinson, Jennifer Y. Tanir. *Chicago*, Charles E. Cannon, David S. Crumrine, Kenneth P. Fivizzani, Russell W. Johnson, Michael G. Koehler, Fran K. Kravitz, Margaret S. Levenberg, Milt Levenberg, Inessa Miller, Barbara E. Moriarty. *Cincinnati*, Kathleen Gibboney, Susan A. Hershberger, Richard J. Mullins. *Cleveland*, Dwight W. Chasar, Michael J. Kenney. *Colorado*, Susan MacGregor Batenhorst, Lawrence J. Berliner, Sandra J. Bonetti, Ryan M. Richards, Susan M. Schelble, Rebecca Shircliff. *Columbus*, Joan M. Esson, Donald C. Songstad\*, 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 Anderson, Linda D. Schultz, E. Thomas Strom, Stephanie M. Taylor\*. *Dayton*, Steven Trohalaki. *Decatur-Springfield*, Harry J. Elston. *Delaware*, Tiffany N. Hoerter, Martha G. Hollomon, Nora S. Radu\*, 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*, Matthew S. Heerboth\*. *Florida*, Carmen V. Gauthier, Leslie J. Murray. *Georgia*, Lissa Dulany\*, Jason Lye\*, Mark B. Mitchell\*, Terence E. Say, Charles D. Sherrill. *Greater Houston*, Carolyn A. Burnley, Lawrence W. Dennis, Amber S. Hinkle, Thomas B. Malloy\*, Mamie W. Moy, Laurent Pirolli, David M. Singleton. *Green Mountain*, Willem R. Leenstra. *Hampton Roads*, Lisa S. Webb. *Heart O'Texas*, Darrell G. Watson. *Huron Valley*, Ellene T. Contis, Harriet Lindsay. *Idaho*, Joshua J. Pak. *Illinois Heartland*, Gregory Ferrence. *Illinois-Iowa*, Richard G. Rogers. *Indiana*, Beth Lorsbach, Brian M. Mathes, Robert A. Pribush, Robert E. Sammelson. *Indiana-Kentucky Border*, Jeffery W. Seyler. *Iowa*, Sara E. Mason. *Kalamazoo*, Lydia E.M. Hines. *Kanawha Valley*, Madan M. Bhasin. *Kansas City*, William G. Gutheil\*, Sarah J. Leibowitz. *Kansas State University*, Viktor Chikan. *Kentucky Lake*, Robbie Montgomery. *LaCrosse-Winona*, Ben Haenni. *Lake Superior*, Donald K. Harriss. *Lehigh Valley*, Jeanne R. Berk, Kelley C. Caflin. *Lexington*, Margaret Ndinguri\*. *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. *Michigan State University*, Susanne M. Lewis\*. *Middle Georgia*, Robert J. Hargrove. *Mid-Hudson*, Mary E. Dery. *Midland*, Tina M. Leaym, Dale J. LeCaptain. *Milwaukee*, Scott A. Schlipp. *Minnesota*, Marilyn Duerst, Rebecca Guza, Lynn G. Hartshorn, Sarah M. Mullins, James Wollack. *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, Ruth Ann Woodall. *Nebraska*, James M. Takacs. *New Haven*, Gerald J. Putterman, Kap-Sun Yeung. *New York*, Barbara R. Hillery, Alison G. Hyslop, Neil D. Jespersen, Pamela K. Kerrigan, Patricia A. Redden, JaimeLee I. Rizzo, Frank Romano, Marc A. Walters, Justyna Widera-Kalinowska. *North Carolina*, Dorian A. Canelas\*, James M. Harrington, Melissa A. Pasquinelli, Laura S. Sremaniak. *North Jersey*, Mirlinda Biba, Jeannette E. Brown, Mohammed R. Elshaer\*, Jacqueline A. Erickson, Elizabeth M. Howson, Diane Krone, Cecilia E. Marzabadi\*, Les W. McQuire, Amanda K. Peterson Mann, John J. Piwinski\*, Monica R. Sekharan. *Northeast Georgia*, Susan D. Richardson. *Northeast Tennessee*, John Engelman II. *Northeast Wisconsin*, Martin D. Rudd. *Northeastern*, Catherine E. Costello, Thomas R. Gilbert, Morton Z. Hoffman\*, Malika Jeffries-El\*, Leland L. Johnson, Jr., Katherine L. Lee, Patricia A. Mabrouk, Lisa A. Marcaurrelle, Carol Mulrooney, S.B. Rajur\*, Ashis K. Saha\*, Andrew Scholte\*, Mary Jane Shultz, Anna W. Sromek, Ruth E. Tanner. *Northeastern Indiana*, Dennis A. Roberts\*. *Northeastern Ohio*, Sarah S. Preston. *Northern New York*, Rajesh Sunasee\*. *Northern Oklahoma*, Maziar Sardashti\*. *Northern West Virginia*, Edwin L. Kugler\*. *Northwest Central Ohio*, Tevye Celius\*\*. *Northwest Louisiana*, Brian A. Salvatore. *Oklahoma*, Allen W. Apblett. *Ole Miss*, Jason E. Ritchie. *Omaha*, Richard Lomneth. *Orange County*, Robert S. Cohen, Rabin D. Lai, Sanda P. Sun. *Orlando*, Darlene K. Slattery. *Ouachita Valley*, Danny E. Hubbard. *Ozark*, Eric Bosch. *Panhandle Plains*, Nick O. Flynn. *Penn-Ohio Border*, Doris L. Zimmerman. *Pensacola*, Allan M. Ford. *Permian Basin*, Kathryn Louie. *Philadelphia*, Georgia A. Arbuckle-Keil, Michael J. Castaldi\*, Deborah H. Cook, Ella L. Davis, Anne S.

DeMasi, Rick Ewing, Lee W. Hoffman\*, Margaret A. Matthews, Christine McInnis, Russell W. Phifer\*, Kathleen Thrush Shaginaw. **Pittsburgh**, Richard S. Danchik, Robert Mathers, Ali O. Sezer\*, Kimberly A. Woznack. **Portland**, Angela Hoffman. **Princeton**, Allen N. Jones, Louise M. Lawter. **Puerto Rico**, Néstor M. Carballeira, Jorge L. Colón, Angel G. Colon Santiago\*, Edmy J. Ferrer Torres. **Puget Sound**, Dharshi Bopegedera, Craig B. Fryhle, Gregory L. Milligan, David L. Patrick, Despina Strong. **Purdue**, George M. Bodner\*\*. **Red River Valley**, Harmon B. Abrahamson. **Rhode Island**, Peter J. Bonk. **Richland**, Anna G. Cavinato. **Rio Grande Valley**, Michael D. Johnson. **Rochester**, D. Richard Cobb, Stephen G. Tajc. **Rock River**, William J. Doria\*. **Sabine-Neches**, John A. Whittle. **Sacramento**, Janan Hayes\*\*. **St. Louis**, Lisa M. Balbes, Eric A. Bruton, Theodore C. Gast, Natalie A. LaFranzo\*. **Salt Lake**, Peter J. Stang. **San Antonio**, Larry C. Grona. **San Diego**, Thomas R. Beattie, Hui Cai, Desiree Grubisha, Valerie J. Kuck, J. Kenneth Poggenburg, Jr., David M. Wallace. **San Gorgonio**, Eileen M. DiMauro, J. Ernest Simpson. **San Joaquin Valley**, Hubert Muchalski. **Savannah River**, Christopher J. Bannochie. **Sierra Nevada**, Laina M. Geary. **Silicon Valley**, Linda S. Brunauer, Matthew J. Greaney, Natalie L. McClure, Howard M. Peters\*, Sally B. Peters, Madalyn Radlauer\*, Ean Warren. **Sioux Valley**, Jetty L. Duffy-Matzner. **Snake River**, Don L. Warner. **South Carolina**, William H. Breazeale, Jr., Scott R. Goode. **South Central Missouri**, Nathan D. Leigh. **South Florida**, Milagros Delgado, George H. Fisher, Zaida C. Morales-Martinez. **South Jersey**, Gregory A. Caputo\*. **South Plains**, Robert D. Long. **South Texas**, Ludivina Avila. **Southeastern Pennsylvania**, Gregory P. Foy. **Southern Arizona**, Charles H. Weidner\*. **Southern California**, Brian B. Brady, Robert M. de Groot, Virgil J. Lee, Sofia Pappatheodorou, Eleanor D. Siebert, Barbara P. Sitzman. **Southern Illinois**, Lichang Wang. **Southern Indiana**, Kenneth G. Caulton. **Southern Nevada**, Kazumasa Lindley. **Southwest Georgia**, Donna Gosnell\*\*. **Susquehanna Valley**, Dee Ann Casteel. **Tampa Bay**, Marie Bourgeois, Susan E. Del Valle. **Texas A&M**, David E. Bergbreiter. **Toledo**, Andrew D. Jorgensen. **Trenton**, Benny C. Chan, Matthew C. Crowe. **University of Arkansas**, Stefan M. Kilyanek. **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. **Wabash Valley**, Edward A. Mottel. **Wakarusa Valley**, Joseph A. Heppert. **Washington-Idaho Border**, Richard V. Williams. **Western Carolinas**, Timothy W. Hanks, George L. Heard. **Western Connecticut**, 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 Hofacker Coffman. **Wisconsin**, Allen D. Clauss, Scott A. Wildman. **Wooster**, James D. West. **Wyoming**, Jane V. Thomas.

**Non-Councilors:** Brian A. Bernstein, Jens Breffke, Mark C. Cesa, Kate Fryer, Alicia E. Harris, Mary M. Kirchhoff, Steven R. Meyers, Barbara F. Polansky, Max B. Saffell, David T. Smorodin, Simanco R. Staley, Frank E. Walworth, Marleen G. Weidner.

The preceding list of attendees at the Council meeting includes the following: 29 Ex- Officio Councilors; 82 Division Councilors (74 elected, 8 alternate); 335 Local Section Councilors (290 elected, 38 alternate, 7 temporary); and 13 Non-Councilors (staff and others). Approximately 55 observers were in attendance.

### Resolutions

The Council ADOPTED the following resolution as presented by Ex Officio Councilor Thomas Lane:

1. BE IT RESOLVED That the Board of Directors, Council, Members, and Staff of the American Chemical Society note with profound sorrow the passing of their colleague and friend, Ronald Breslow, a longtime dedicated and active member of the Society, remembering with deep appreciation his service to the Society as its president in 1996, a member of the Board of Directors from 1995 - 1997, a Councilor for 22 years, a member or chair of numerous ACS bodies, and a member of the Society for 66 years.

Ron Breslow worked tirelessly throughout his distinguished professional career as an exemplary teacher and mentor who trained a generation of physical organic and bioorganic chemists. He will be remembered during his time in the ACS Presidential Succession for his optimistic, contagious enthusiasm for chemistry and his dedication to the improvement of its image, his personal commitment and leadership in

the arena of public communications, his successful championing of a new ACS Award for Public Service, his authorship of a readable and informative book on the contributions of chemistry, and his forceful representation of the Society to government officials at all levels and to fellow chemists and their societies in other countries.

The Society's members and leaders honor his memory and his contributions to chemistry and to the ACS, and extend sincere condolences to his wife Esther, family, colleagues, and friends.

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

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

- Ms. Marsha Anne Phillips, retired from Farragut Career Academy, and Councilor for the Chicago Section from 1998 to 2008.
- Dr. Mark Wicholas, professor emeritus from Western Washington University, and Councilor for the Puget Sound Section from 1990 to 2017.
- Dr. William Klemperer, Erving Professor of Chemistry, emeritus, Harvard University, and Councilor for the Northeastern Section from 2000 to 2003.
- Dr. George E. Heinze, retired Rockland Technimed Ltd. President & COO, and Councilor for the North Jersey Section from 1970 to 1983 and 1986 to 2010, and Councilor Ex Officio, District III from 1983 to 1984.
- Dr. Herbert B. Silber, retired, professor, San Jose State University, and Councilor for the Santa Clara Valley Section from 1996 to 2016.

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

#### Approval of Minutes

3. VOTED to approve, as distributed, the minutes of the meeting of August 23, 2017.

#### Report of Interim Action, Council Policy Committee

4. VOTED to receive the report of an interim action from the Council Policy Committee (CPC).

#### Nominations and Elections

**Les W. McQuire**, chair, Committee on Nominations and Elections (N&E), in accordance with the provisions of Bylaw III, Sec. 3, b, (1), (b), presented the following nominees for selection as candidates for President-Elect 2019: Harmon B. Abrahamson, Luis A. Echegoyen, Thomas R. Gilbert, and Mary Virginia Orna.

5. After the nominees spoke to Council, the Council selected by electronic ballot Luis A. Echegoyen and Thomas R. Gilbert as candidates for President-Elect 2019.

Dr. McQuire introduced the candidates for the Board of Directors, chosen by voting Councilors in District I and District V for the election to be conducted this fall for the term 2019-2021: District I, Katherine L. Lee and Laura E. Pence; and District V, John E. Adams and Joseph A. Heppert.

Dr. McQuire then announced the following candidates for Director-at-Large on the Board of Directors: Frank D. Blum, Lee H. Latimer, Ingrid Montes, and Angela W. Peters. The two successful candidates will fill 2019-2021 terms.

Reports of Society Officers

**President Peter K. Dorhout** reviewed a sampling of presidential programs that took place at this national meeting, ranging from Science Cafés and discussions on water and the environment, to starting a critical dialog, led by the Committee on Women Chemists, around sexual harassment in our learning and professional settings.

Dr. Dorhout also highlighted several initiatives and events for his presidential year. He described his continuing campaign to promote the outstanding contributions to the chemical sciences by nearly 3,000 ACS Scholars alumni; sharing a screenshot of the improved Scholars website, which now features two alumni each week; promoting them through social media and featuring them in a virtual yearbook of Project SEED and Scholars alumni.

He concluded by sharing the goals coming from a Safety Summit held in February, where stakeholders in and outside ACS discussed ways in which members can advance the core value of safety, particularly within our colleges and universities. Over the remaining months of this year, he will be sharing the outcomes of this Summit with committees, divisions, and other stakeholder groups to act on safety.

**President-Elect Bonnie A. Charpentier** provided a brief summary of the areas she plans to focus on in 2019. The first is Advocacy; she stated that the times demand it. More specifically, she would like to see ACS become more effective in advocacy at the state level. The second emphasis in advocacy is to provide information and best practices for those members who would like to run for elected office, be it school board, local, state, or national.

Another area of focus is Safety and the Environment. Dr. Charpentier said she has been speaking with divisions and committees about potential programming in this broad area, and plans to continue the efforts of her immediate predecessors in the Presidential Succession.

Her overarching theme is Collaborations. Potential specific areas of collaboration include what works in industry and academic partnerships; international partnerships, such as collaborations between student international chapters and student chapters in the U.S.; and partnerships across ACS entities, as well as between ACS and other societies with shared goals.

Dr. Charpentier invited Councilors to continue to send their ideas and suggestions to her.

**Immediate Past-President Allison A. Campbell** announced that in conjunction with ACS staff, she hosted a second invitation only, “Speaking with Congress Advocacy Workshop”, where over 30 ACS members were trained on how to effectively engage with their members of Congress. She stated that ACS will be rolling out this program at the Northwest Regional Meeting later this year; it is her hope that this activity can be transformed into a “Program in a Box” for local sections.

Also at this meeting, she co-hosted a second workshop, “Science Communications: How Chemistry Can Earn Public Trust”, with Sir John Holman, President of the Royal Society of Chemistry and Dr. Thisbe Lindhorst, Immediate Past President of the German Chemical Society. The workshop demonstrated the importance of communications and establishing trust for the best interests of chemistry, thereby enabling chemists around the world with tools to engage within their communities.

Dr. Campbell announced she is working to establish within ACS the means by which ACS local sections and members affected by disasters to get necessary resources to recover from devastation: reaching out to affected communities, cataloging their needs, and creating a clearinghouse for donations of laboratory instruments, equipment, and supplies. She invited members to continue to share ideas and suggestions with her.

**Board Chair John E. Adams** briefed the Council on the issues discussed and actions taken at the ACS Board of Directors meetings on Friday and Saturday, March 16 and 17. The Board received an extensive briefing from the Executive Director & CEO on issues relating to the Safety and Professionalism core values of the Society, as well on Membership, ACS financial performance, Operational Excellence, and upcoming events and activities. He also led a discussion on the strategic direction of the Science History Institute (formerly the Chemical Heritage Foundation) and its ramifications for ACS. His direct reports then engaged in discussions with the Board on the activities, opportunities and challenges of the Education Division, Chemical Abstracts Service (CAS), and the ACS Publications Division.

The Board was updated on the history of the Leadership Advisory Board and the ACS Leadership Program, and was presented with key observations and strategic questions regarding the direction of the program in light of future needs of the Society and its members.

The Board also was updated on the future state of the Board Committee on Corporation Associates in the context of the landscape for chemical corporations and professional societies.

The co-chair of the Task Force on Governance Design commented briefly on an interim written report of the task force and previewed the planned presentation to the Councilor caucuses focusing on streamlining the Society's governing documents.

Other actions taken by the Board at this meeting included the approval of recommendations from its Committee on Executive Compensation; reappointments of Editors-in-Chief for several ACS journals; a Society nominee for the 2019 King Faisal International Prize for Science; and screened lists of nominees for the 2019 Priestley Medal and the ACS Award for Volunteer Service.

Finally, the Board approved a resolution recognizing and applauding the United Nations for proclaiming 2019 as the International Year of the Periodic Table, and pledged that the Society will do its utmost to recognize and participate in events celebrating this important scientific milestone and achievement.

**Executive Director & CEO Thomas M. Connelly, Jr.**, reported that the state of the Society is strong and 2017 was a year of significant accomplishments and progress: the use of Change Drive methodology as a critical component to the strategic planning process; the progress of the Task Force on Governance Design; the efforts to communicate science through National Chemistry Week, Chemists Celebrate Earth Day, and the March for Science; the bicameral, bipartisan Chemistry Caucuses in the U.S. House and Senate; increased membership in the American Association of Chemistry Teachers, and the strong contributions made by CAS and ACS Publications. He reported that ACS has stepped up its global role and has dramatically increased its global reach, with 19 International Chemical Sciences Chapters, 46 international student chapters, and more than 100 staff and contractors in 23 countries. For the first time since 2007, ACS also achieved all five of its Financial Guidelines.

Dr. Connelly concluded by stating that despite manifold accomplishments across the Society, there remains one challenging issue: ACS must grow its membership. A vibrant, growing membership is central to achieving the ACS Vision and Mission. While the Membership and Society Services team are very focused on member growth, he reminded Councilors of his previous admonition to Council: "Membership is Everyone's Responsibility"; he asked everyone to help grow the membership ranks in their local sections, technical divisions, universities, laboratories, and companies.

#### Reports of Elected Committees

##### Council Policy Committee (CPC)

**Mary K. Carroll**, committee vice-chair, reported that the Long Range Planning Subcommittee hosted a New Councilor Orientation and Reception on Saturday, March 17. Nineteen new Councilors and 14 new Alternate Councilors participated.

The Joint Board-CPC Task Force on Governance Design submitted an interim report to the Board of Directors. The task force anticipates continuing its work through 2018. The key recommendations from its end-of-2017 draft report will be staged, with the streamlining of the governing documents proceeding first. The group working on streamlining the governing documents gave a presentation on this phase of the redesign at the district and division Councilors caucuses at this meeting.

The CPC Working Group on Future Council Representation has been moved from under the Subcommittee on Long Range Planning and will now report directly to CPC.

CPC reviewed the responses to a survey on captioning at Council, which were overwhelmingly in favor of continuing to offer the service during Council meetings.

The Subcommittee on Petitions, Constitution and Bylaws met on Monday to discuss the four petitions in the Council agenda: two for action and two for consideration. CPC voted to support the Petition on the Composition of Society Committees and to oppose the Petition for Election of Committee Chairs.

6. VOTED, on the recommendation of the Council Policy Committee, to approve the Petition on the Composition of Society Committees [Bylaw III, Sec. 3, e, (3), (4), and (8)], which will change the requirement for Councilors on Society Committees from at least two thirds (2/3) to a majority, and remove the requirement that the Chair and Vice-Chair of a Society Committee must be Councilors.

#### Committee on Committees (ConC)

**Carolyn Ribes**, committee chair, reported that the Committee on Committees (ConC) held its annual New Chairs Training Conference in January, as part of the ACS Leadership Development Institute. At this meeting, ConC began developing its recommendations for 2019 Committee Chair appointments and reappointments for consideration by the President-Elect and the Chair of the Board of Directors. The committee also participated in an orientation session that was held at this meeting for new Councilors and Alternate Councilors to better acquaint them with the Council and its structure.

Councilors were reminded to complete their online preference forms for 2019 during the period from March 26 to June 8, 2018, at [www.yellowbook.acs.org](http://www.yellowbook.acs.org).

Performance reviews for the Committee on Ethics, on Publications, and on Younger Chemists, have been completed and ConC is recommending continuation of those committees.

ConC considered the Petition for Election of Committee Chairs and opposes the petitioners' intent to allow the voting members of all ACS committees to select their own chairs.

7. VOTED, on the recommendation of the Committee on Committees, that the Committee on Ethics be continued and that the Committees on Publications and on Younger Chemists be continued contingent on approval of the Board of Directors.

8. VOTED not to approve the Petition for Election of Committee Chairs [Bylaw III, Sec. 3, c, (1); d, 3, (3), (8); e, (3), (8); g, (3); i, (3)], which would allow the voting members of all ACS committees to select their own chairs.

#### Nominations and Elections (N&E)

**Les W. McQuire**, committee chair, reported the results of the morning's elections for President-Elect 2019 (see item 5, above). All candidates, including the two elected by Council and any other petition candidates certified by the July 15 deadline will be placed on the ballot this fall.

The committee developed slates of potential candidates for CPC and ConC for the 2019-2021 terms. The names of the candidates will appear in the Boston, MA, fall Council agenda.

Dr. McQuire announced that N&E reviewed the distribution of the member population within the six electoral districts to determine equitable representation as required in the Bylaws, and found the Society to be in compliance with the Bylaws.

Councilors were invited to submit names of qualified individuals for President-Elect and/or Directors for future consideration by email to the committee at [nomelect@acs.org](mailto:nomelect@acs.org).

### Reports of Society Committees and the Committee on Science

#### Budget and Finance (B&F)

**Joseph A. Heppert**, committee chair, reported that for 2017, ACS generated a Net from Operations of \$28.6 million, which was \$4.8 million higher than 2016. Total revenues were \$553.1 million, increasing 5.0% or \$26.4 million over 2016. Expenses ended the year at \$524.5 million, which was \$21.6 million or 4.3% higher than prior year. This was attributable to strong performance from the Society's Information Services units (CAS and ACS Publications) and a continued emphasis on expense management across the ACS.

He briefly reviewed the Society's five Board-approved financial guidelines and their corresponding targets. All five guidelines were met in 2017, this is the first time the Society had full compliance in a decade.

Dr. Heppert presented information on the 2019 fully escalated dues calculation and a comparison of ACS dues amounts with those of other scientific societies; ACS falls in the middle of the list in terms of cost and likely will remain there in 2019. The committee voted to recommend to Council that member dues for 2018 be set at the fully escalated rate of \$175.

9. VOTED, on the recommendation of the Committee on Budget and Finance, and with the concurrence of the Council Policy Committee, to set member dues for 2018 at the fully escalated rate of \$175.

#### Education (SOCED)

**Jennifer Nielson**, committee chair, reported that the membership of the American Association of Chemistry Teachers (AACT) reached a milestone of 5,000 members. Almost 90% of AACT members are secondary school teachers, over 200 are international members from 50 countries, and nearly 300 are student members.

SOCED received an update on the range of activities supporting domestic and international student chapters; on the efforts to integrate research on mentoring into activities to benefit students; and on faculty development programming, which highlighted the expansion of New Faculty Workshops. The committee also held a special discussion focused on strategies for aligning informal science education with formal education.

SOCED voted to approve the completed ACS Guidelines and Recommendations for Teaching Middle and High School Chemistry.

#### Science (ComSci)

**Mark C. Cesa**, committee chair, reported that ComSci voted to endorse and approve a new strategic plan that features four goals focused on public policy, emerging areas of chemistry, communication, and awards. The plan also emphasizes collaborations with ACS technical divisions and committees.

ComSci is collaborating with other committees to review expiring policy statements on energy and hydraulic fracturing. The committee voted to approve a new statement on "Preventing the Reemergence of Chemical Weapons".



Working with colleagues at the Defense Advanced Research Projects Agency (DARPA), ComSci is organizing a symposium at the fall national meeting in Boston on the “DARPA Make-It Program: Automating Small Molecule Route Design, Optimization and Synthesis,” along with a roundtable on emerging issues in pharma.

ComSci is preparing nominations for the U.S. National Medal of Science and the Grand Prix Prize for 2018.

### Reports of Standing Committees

#### Local Section Activities (LSAC)

**Jason E. Ritchie**, committee chair, recognized the following sections for their anniversaries in 2018: 50th, Heart O’Texas, LaCrosse-Winona, and Northeast Georgia; 75th, Carolina-Piedmont, Lake Superior, and Sabine-Neches; and 125th, Chemical Society of Washington and Lehigh Valley.

He reported that the committee approved the funding of 19 Innovative Projects Grants (IPG) for sections totaling nearly \$44,000; local section annual reports for 2017 have been completed by 146 sections; and a revised edition of the Legal Resources Guides for Local Sections and Divisions is available online.

#### Membership Affairs (MAC)

**Margaret J. Schooler**, committee chair, reported that MAC continues to focus on efforts to recruit and retain members. The Society ended 2017 with over 150,000 members, which represents a continuing decline in overall membership for the sixth year in a row. The primary driver of this trend is the loss of members from the regular paid membership category, the largest segment of ACS members, which has seen additional year of decline since 2006. The numbers in all other membership categories, such as emeritus, student, and the like, have otherwise remained relatively flat.

MAC has been working with Council, the Board of Directors, the Committee on Budget and Finance, ACS staff, and other stakeholders to halt this trend and return ACS to a growing and engaged membership. Initiatives and projects, extending well beyond the dues discount tests already approved by MAC, are currently underway to address the challenges of recent years, and the committee will report on additional initiatives and outcomes at upcoming Council meetings.

#### Economic and Professional Affairs (CEPA)

**Tiffany N. Hoerter**, committee chair, reported that the modular survey methodology implemented in 2017 has completed its first full year of reporting. CEPA asks all Councilors to participate and encourage the participation of their local section and division members to ensure the survey provides a robust and representative sampling of ACS membership.

Moving forward, CEPA has the ability to report the unemployment rate at each national meeting. The current ACS domestic member unemployment is 2.9%. Response rates on the new graduate survey continue to be very low. Collaboration with NSF and other like-minded collectors of graduate data is underway to address the response decline.

The ACS onsite career fair continues to be integrated with the Exposition to provide employers and candidates a seamless and high traffic experience. To provide as many career opportunities to as many members as possible, the need to check-in onsite was eliminated and the registration process was removed for many participants.

Meetings and Expositions (M&E)

**Kevin J. Edgar**, committee chair, reported that 13,236 scientific contributions have been made to this national meeting. As of March 19, the total attendance for this meeting was 16,585, a record for New Orleans. The Exposition had 370 booths with 231 exhibiting companies, including the career fair; 1,000 program books had been sold; the mobile app had received more than 12,000 downloads, the highest number since its inception; and the online planner had been accessed nearly 30,000 times.

In compliance with the National Meeting Long Range Financial Plan, and the recommendations of the 2015 Task Force on Implementing National Meeting Financial Targets, M&E will recommend that the Early Member Registration Fee for the 2019 national meetings be set at \$505.

The Regional Meetings Subcommittee hosted its Regional Meeting Planning Conference during the January 2018 Leadership Conference, and will continue to be concurrent with the Leadership Conference moving forward.

As announced at Council last fall in Washington, DC, the fall 2021 national meeting in Atlanta will feature an experiment of eliminating Thursday programming.

Divisional Activities (DAC)

**Rodney M. Bennett**, committee chair, reported that DAC is proposing an updated formula for allocating dues funds to the divisions. The primary reason for the revision is to provide divisions with financial incentives to increase their engagement with regional and international meetings. The current formula provides no rewards for either of these activities.

The committee voted to fund eight Innovative Project Grants (IPG) totaling \$57,250; has introduced a new poster board and table event at Sci-Mix called "Division Row"; is piloting an online tool to help division program chairs identify and collaborate with one another and to promote programmatic cooperation and coordination.

10. VOTED to recommit to the Committee on Divisional Activities the formula for allocating dues funds to divisions.

In the discussion prior to the preceding vote, Councilors expressed concerns about reductions in incentives for poster sessions at national meetings; not being provided adequate time or enough information for divisions to discuss or analyze the ramifications; and the feasibility of all divisions participating in regional and international meetings.

Constitution and Bylaws (C&B)

**V. Dean Adams**, committee chair, reported that last year C&B certified 21 unit bylaws, and six additional unit bylaws have been certified since the beginning of this year.

Bulletin 5 (ACS Governing Documents) was updated as of January 1, 2018. The online version is the authoritative version. Councilors were reminded that certified bylaws and status reports are posted for referral on ACS's website at [www.acs.org/bulletin5](http://www.acs.org/bulletin5).

Dr. Adams reminded Council there are two petitions for consideration at this meeting: the Petition on Affiliation with Other Technical Organizations (Bylaw XI, Sec. 3) and the Petition to Rename and Remove Restrictions for International Chemical Sciences Chapters (Constitution Article XIV, Bylaw III, Sec. 3,d,(1), (f), Bylaw IX, Sec. 4). Both petitions will be up for action at the fall 2018 meeting in Boston.

New petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than May 2 to be included in the Council agenda for consideration in Boston.

## Reports of Other and Joint Board-Council Committees

### International Activities (IAC)

**Jens Breffke**, committee chair, reported that at this meeting the Committee on International Activities (IAC) welcomed dignitaries from sister societies and partners from Canada, Germany, Hungary, Nigeria, the UK, as well as leadership of the U.S. National Committee of the International Union of Pure and Applied Chemistry (IUPAC), and the Federation of African Societies of Chemistry. The committee also heard remarks from the Director General of the Organization for the Prohibition of Chemical Weapons.

Also at this meeting, the committee: heard a final report on the ACS Asian Pacific International Chapters Conference, held November 2017 in Jeju, South Korea; the US National Committee of IUPAC shared their planning interests and priorities for the 100<sup>th</sup> Anniversary of IUPAC and celebration of the International Year of the Periodic Table in 2019; and reviewed an application from Colombia to establish an ACS Chapter there and recommended it move forward for Council consideration and action in Boston. IAC also created a working group to assure International Student Chapters efforts are nurtured and co-aligned with the interests of ACS International Chemical Sciences Chapters and the national chemical societies in their respective countries.

IAC approved the establishment of ACS International Chemical Sciences Chapters in Jordan and Qatar. The applications were initiated and signed by ACS members in good standing and residing in the respective countries, meet all requirements of Bylaw IX of the Society, and include statements that the applicants are familiar with and will abide by all governing documents of the Society.

11. VOTED, on the recommendation of the Committee on International Activities, to approve the establishment of the Jordan International Chemical Sciences Chapter, subject to concurrence by the ACS Board of Directors.

12. VOTED, on the recommendation of the Committee on International Activities, to approve the establishment of the Qatar International Chemical Sciences Chapter, subject to concurrence by the ACS Board of Directors.

### Women Chemists (WCC)

**Kimberly A. Woznack**, committee chair, reported that the committee observed its 90th anniversary in 2017. WCC is now implementing the recommendations from a 2017 strategic planning process, including the implementation of a new committee structure.

WCC partnered with Chemical & Engineering News (C&EN) to sponsor a full-day symposium entitled “Science of Sexual Harassment”, and is grateful for the financial support from C&EN, the Committee on Minority Affairs, the Diversity & Inclusion Advisory Board, the Division on Professional Relations, and the Committee on Younger Chemists. The symposium was followed by a bystander intervention workshop, “No Means No: How to Stop Harassment”.

In addition to new updates and changes, WCC is happy to continue the 29<sup>th</sup> year of the WCC/Eli Lilly Travel Award and the WCC Rising Star Award, in its seventh year.

The committee is looking forward to a year filled with continued advocacy efforts in the areas of sexual harassment prevention and awareness, lab safety for reproductive health, and the status of non-tenure track faculty.

## New Business

### Resolution

The Council adopted the following resolutions:

13. BE IT RESOLVED That the Council of the American Chemical Society express to the officers and members of the Louisiana Local Section, host Section for the 255<sup>th</sup> 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 255<sup>th</sup> National Meeting.

14. BE IT RESOLVED That the Council of the American Chemical Society congratulates Dr. Harry P. Schultz, University of Miami professor emeritus, on his 100<sup>th</sup> birthday on March 9th, 2018. In addition to a distinguished 45-year academic career including serving as chemistry department chair for 12 years, Dr. Schultz was also active in ACS, serving as the chair of the Florida Section in 1964, Councilor 1974-1977, and currently an emeritus 75-plus-year member. Congratulations to Dr. Schultz on this remarkable occasion.

Following the resolutions, comments from the floor included a question on expected travel disruption due to inclement weather on the east coast and the extra expenses to be incurred by Councilors; and a word of gratitude to Council from the Louisiana Section that New Orleans was chosen for this meeting.

There being no further business, the meeting adjourned at 11:48 a.m.

Flint H. Lewis  
Secretary