

MINUTES
COUNCIL
AMERICAN CHEMICAL SOCIETY
April 3, 2019
Orlando, Florida

The Council of the American Chemical Society met in Orlando, Florida, on April 3, 2019, beginning at 8:00 a.m. Bonnie A. Charpentier, President of the Society and of the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives were present:

Ex-Officio: John E. Adams, Bruce E. Bursten, William F. Carroll, Jr., Bonnie A. Charpentier, Thomas M. Connelly, Jr., Peter K. Dorhout, Luis A. Echevoyen, Rigoberto Hernandez, Catherine T. Hunt, Paul W. Jagodzinski, Wayne E. Jones, Jr., Lee H. Latimer, Katherine L. Lee, Flint H. Lewis, Ingrid Montes, E. Ann Nalley, Donna J. Nelson, Gordon L. Nelson, Attila E. Pavlath, Dorothy J. Phillips, Barbara A. Sawrey, Diane Grob Schmidt, Kathleen M. Schulz, Bassam Z. Shakhshiri, Marinda Li Wu.

Divisions: *Agricultural & Food Chemistry*, Michael Appell, John W. Finley, Michael C. Qian*, Michael H. Tunick. *Agrochemicals*, Rodney M. Bennett, Jeanette M. Van Emon. *Analytical Chemistry*, Michelle V. Buchanan, Bryant C. Nelson, Susan J. Olesik, Emily A. Smith. *Biochemical Technology*, Arindam Bose, Cynthia H. Collins, Sadettin Ozturk, Sharon P. Shoemaker. *Biological Chemistry*, Barbara L. Golden, 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 Peden. *Cellulose and Renewable Materials*, Kevin J. Edgar, Lucian A. Lucia, Sheila M. Murphy. *Chemical Education*, Roxana Allen, Laura J. Anna*, Iona Black, Sally B. Mitchell. *Chemical Health & Safety*, Debbie M. Decker, Frankie K. Wood-Black. *Chemical Information*, Svetlana Korolev, Bonnie A. 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. *Computers in Chemistry*, Christine M. Aikens, Emilio X. Esposito, Terry R. Stouch. *Energy & Fuels*, Joe D. Allison, Elise B. Fox, Lisa Houston, Randall E. Winans*. *Environmental Chemistry*, V. Dean Adams, George P. Cobb, III, Alan W. Elzerman, Jillian L. Goldfarb*. *Fluorine Chemistry*, David A. Dixon. *Geochemistry*, Anastasia G. Ilgen. *History of Chemistry*, Roger A. Egolf, Mary Virginia Orna. *Industrial & Engineering Chemistry*, Spiro D. Alexandratos, Mary K. Engelman, Janet Smith*, Peter M. Smith. *Inorganic Chemistry*, Debbie C. Crans, Karen Goldberg, Clark R. Landis. *Medicinal Chemistry*, Jane V. Aldrich, William J. Greenlee, Carrie Haskell-Luevano, Michael A. Walters*. *Nuclear Chemistry & Technology*, Silvia S. Jurisson, Graham F. Peaslee. *Organic Chemistry*, David A. Conlon, Huw M.L. Davies, Karl B. Hansen, Katherine N. Maloney. *Physical Chemistry*, Victor S. Batista, Judy E. Kim, Theresa L. Windus. *Polymer Chemistry*, Mary Ann Meador, Laura M. Stratton*, Gregory N. Tew, Kathryn E. Uhrich. *Polymeric Materials: Science & Engineering*, Anthony J. Dias, Benny D. Freeman, Theodore Provder*, 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*. *Ames*, Javier Vela-Becerra. *Auburn*, Anil C. Banerjee*. *Baton Rouge*, Bryan K. Franklin. *Binghamton*, Alexsa Silva. *Brazosport*, Carolyn Ribes. *California*, G. Bryan Balazs, Michael T.H. Cheng, Mark D. Frishberg, Sushila Kanodia, Alex M. Madonik*, Eileen M. Nottoli, James M. Postma, Elaine S. Yamaguchi. *California Los Padres*, Justin A. Russak. *Carolina-Piedmont*, Matthew K. Chan, Marilynn J. Sikes. *Central Arizona*, Douglas J. Sawyer. *Central Arkansas*, Martin D. Perry, Jr. *Central Massachusetts*, Meledath Govindan. *Central New Mexico*, Alexander S. Edgar*, Donivan R. Porterfield. *Central New York*, Alyssa C. Thomas. *Central North Carolina*, Robert A. Yokley. *Central Ohio Valley*, Gary D. Anderson. *Central Pennsylvania*, Lori R. Stepan. *Central Texas*, Raychelle M. Burks, Barry J.

*Alternate Councilor

**Temporary Substitute Councilor

Streusand. *Central Utah*, Jennifer B. Nielson. *Central Wisconsin*, David E. Lewis**. *Chattanooga*, Rebecca Riggs. *Chemical Society of Washington*, Allison A. Aldridge, Alan J. Anderson, Joseph M. Antonucci, Christopher W. Avery*, John M. Malin, Sara V. Orski, Judith F. Rubinson, Bradley A. Scates, Jennifer Y. Tanir. *Chicago*, Charles E. Cannon, Kenneth P. Fivizzani, Russell W. Johnson, Fran K. Kravitz, Josh W. Kurutz*, Margaret S. Levenberg, Milton Levenberg, Inessa Miller, Susan Shih. *Cincinnati*, Kathleen Gibboney, Susan A. Hershberger, Richard J. Mullins. *Cleveland*, Dwight W. Chasar, Michael J. Kenney. *Coastal Georgia*, Will E. Lynch. *Colorado*, Lawrence J. Berliner, Sandra J. Bonetti, Connie Gabel, Brian W. Michel*, Susan M. Schelble, Rebecca Shircliff. *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 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, Mary Kay Heidtke, James M. Landis, Jr. *East Central Illinois*, Amy Nicely. *East Tennessee*, Alan A. Hazari, John Z. Larese. *East Texas*, Michael Sheets*. *Eastern New York*, Mary K. Carroll, Warren D. Hull, Jr. *Eastern North Carolina*, Satinder Ahuja. *Erie*, Matthew Heerboth*. *Florida*, Carmen V. Gauthier, Leslie J. Murray. *Georgia*, Holly L. Davis*, Lissa Dulany, David S. Gottfried, Mark B. Mitchell, Joseph P. Stoner. *Greater Houston*, Carolyn A. Burnley, Lawrence W. Dennis, Amber S. Hinkle, Mamie W. Moy, Laurent Pirolli, David M. Singleton, Sunny C. Tang. *Green Mountain*, Willem R. Leenstra. *Hampton Roads*, Lisa S. Webb. *Huron Valley*, Ellene T. Contis, Lawrence H. Kolopajlo. *Idaho*, Joshua J. Pak. *Illinois Heartland*, Gregory Ferrence. *Illinois-Iowa*, Richard G. Rogers. *Indiana*, Beth Lorsbach, Brian M. Mathes, Robert A. Pribush, Robert E. Sammelton. *Indiana-Kentucky Border*, Jeff Seyler. *Inland Northwest*, Jeffrey A. Rahn. *Kalamazoo*, Lydia E.M. Hines. *Kanawha Valley*, Madan M. Bhasin. *Kansas City*, Gary E. Clapp*, Sarah J. Leibowitz. *Kansas State University*, Viktor Chikan. *Kentucky Lake*, Robbie Montgomery. *LaCrosse-Winona*, Molly Wilker*. *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*, Steven E. Keinath*, Dale J. LeCaptain. *Milwaukee*, Katherine Bichler, Scott A. Schlipp. *Minnesota*, Marilyn D. Duerst, Rebecca Guza, Lynn G. Hartshorn, Sarah M. Mullins, James Wollack. *Mississippi*, Leslie Robinson. *Mobile*, William M. Reichert. *Mojave Desert*, Peter Zarras. *Mo-Kan-Ok, The Tri-State*, Khamis S. Siam. *Montana*, John W. Hartman. *Nashville*, Judith M. Iriarte-Gross. *Nebraska*, James M. Takacs. *New Haven*, Olivier Nicaise, Gerald J. Putterman. *New York*, Brian R. Gibney, Barbara R. Hillery, Alison G. Hyslop, Neil D. Jespersen, Pamela K. Kerrigan, Patricia A. Redden, JaimeLee I. Rizzo, Frank Romano, Marc A. Walters. *North Alabama*, Katherine M. Bazemore*. *North Carolina*, Dorian A. Canelas, C. Clair Claiborne*, Melissa A. Pasquinelli, Laura S. Sremaniak. *North Jersey*, Amjad Ali*, Jeannette E. Brown, Mohammed R. Elshaer*, Jacqueline A. Erickson, Miriam Gulotta, Elizabeth M. Howson, Diane Krone, Amanda K. Mann, Les W. McQuire, Monica R. Sekharan, Steven M. Silverman*. *Northeast Georgia*, Trevor R. Mitchell*. *Northeast Tennessee*, John Engelman II. *Northeast Wisconsin*, Martin D. Rudd. *Northeastern*, Catherine E. Costello, Michael P. Filosa, Thomas R. Gilbert, Patrick M. Gordon*, Morton Z. Hoffman, Leland L. Johnson, Jr., Patricia A. Mabrouk, Carol Mulrooney, Ashis K. Saha*, Sofia A. Santos, Andrew Scholte, Mary Jane Shultz, Michael Singer, Anna W. Sromek, Ruth E. Tanner. *Northeastern Indiana*, Dennis A. Roberts. *Northeastern Ohio*, Sarah S. Preston. *Northern New York*, Rajesh Sunasee. *Northern Oklahoma*, Randall L. Heald. *Northern West Virginia*, Edwin L. Kugler*. *Northwest Central Ohio*, Amelia Anderson-Wile. *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. *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*, Georgia Arbuckle-Keil, Melissa B. Cichowicz, Deborah H. Cook, Judith Currano, Ella L. Davis, Rick Ewing, Mark A. Forman*, Kathryn A. Lysko, Marge A. Matthews,

Christine McInnis, Kathleen A. Thrush Shaginaw. **Pittsburgh**, Richard Danchik*, Robert Mathers, Kimberly A. Woznack, Edward P. Zovinka. **Portland**, Angela Hoffman. **Princeton**, Allen N. Jones, Louise M. Lawter. **Puerto Rico**, Angel G. Colón*, Jorge L. Colón, Edmy Ferrer Torres, Brenda J. Ramos-Santana*. **Puget Sound**, Carole A. Berg*, A. M. Ranjika P. Bopegedera, Gary D. Christian, Craig B. Fryhle, 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**, Maria de la Paz Carpio-Obeso, William J. Miller. **St. Louis**, Lisa M. Balbes, Eric A. Bruton, Donna G. Friedman, Natalie A. LaFranzo. **San Antonio**, Larry C. Grona. **San Diego**, Thomas R. Beattie, Hui Cai, Desiree Grubisha, J. Kenneth Poggenburg, Jr., John W. Schindler*, David M. Wallace. **San Geronio**, Eileen M. DiMauro, J. Ernest Simpson. **San Joaquin Valley**, Hubert Muchalski. **Savannah River**, Christopher J. Bannochie. **Sierra Nevada**, Lawrence T. Scott. **Silicon Valley**, Linda S. Brunauer, Jane E. Frommer, Matthew J. Greaney, George J. Lechner, Natalie L. McClure, Sally B. Peters, 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**, Jennifer L. McCulley. **South Plains**, Robert D. Long. **South Texas**, Ludivina Avila. **Southeastern Pennsylvania**, Gregory P. Foy. **Southern Arizona**, Brooke B. Massani. **Southern California**, Brian B. Brady, Veronica I. Jaramillo*, Sofia Papatheodorou, Armando M. Rivera-Figueroa*, Eleanor D. Siebert, Barbara P. Sitzman. **Southern Illinois**, Lichang Wang. **Southern Nevada**, Tammy L. Jones-Lepp. **Southwest Georgia**, Linda de la Garza. **Susquehanna Valley**, Dee Ann Casteel. **Tampa Bay**, Susan E. Del Valle, Kimberly B. Fields. **Texas A&M**, David E. Bergbreiter. **Toledo**, Frank J. Butwin. **Trenton**, Benny C. Chan, Matthew C. Crowe. **University of Arkansas**, Robert H. Coridan. **University of Missouri**, Justin R. Walensky. **Upper Ohio Valley**, Kevin Pate. **Upper Peninsula**, Glenn M. Larkin. **Virginia**, Janet A. Asper*, 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**, L. Kraig Steffen. **Western Maryland**, James D. Stickler. **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. **Wyoming**, Brian M. Leonard.

Nonvoting Councilors: Jens Breffke, Amber Charlebois, Brian D. Crawford, Kate Fryer, Arlene Garrison, LaTrease E. Garrison, Matthew Grandbois, Albert Horvath, Mary M. Kirchhoff, Martin G. Kociolek.

Noncouncilors: Magid Abou-Gharbia, Elizabeth P. Beckham, Kimberly Browne, H.N. Cheng, Carol A. Duane, Alicia E. Harris, Steven R. Meyers, Christi Pearson, Barbara F. Polansky, Max B. Saffell, David T. Smorodin, Frank E. Walworth, Marleen G. Weidner, Christopher Welch.

The preceding list of attendees at the Council meeting includes the following: 25 Ex- Officio Councilors; 85 Division Councilors (76 elected, 9 alternate); 336 Local Section Councilors (303 elected, 32 alternate, 1 temporary); and 24 Nonvoting/Noncouncilors. Approximately 55 observers were in attendance.

Resolutions

The Council ADOPTED the following resolution as presented by Council Policy Committee (CPC) Vice-Chair Lisa Houston:

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. Edward M. Burgess, known for the Burgess reagent that is used for selective dehydration of alcohols, and Councilor for the Organic Division from 1979 to 1989.

- Mr. William F. Kuhn, Retired Director of Applied Research at Philip Morris USA, and Councilor for the Virginia Section from 1992 to 1997.
- Dr. Claude A. Lucchesi, Emeritus Sr. Lecturer and Director of Analytical Services, Northwestern University, and Councilor for the Chicago Section 1974 to 2009.
- Dr. Glenn A. Crosby, Retired Professor, Washington State University, and Councilor for the Chemical Education Division from 1989 to 1991, and Councilor Ex Officio, District VI from 1994 to 2002.
- Dr. Paul R. Jones, Retired Professor of Organic Chemistry, University of New Hampshire, and Councilor for the Huron Valley Section from 2004 to 2009.
- Dr. C. Marvin Lang, Emeritus Professor of Chemistry, University of Wisconsin-Stevens Point, and Councilor for the Central Wisconsin Section from 1973 to 1988 and 1997 to 2019, and Councilor Ex Officio, Director-at-Large from 1989 to 1994.

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 August 22, 2018.

Report of Interim Action, Council Policy Committee

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

Nominations and Elections

Amber S. Hinkle, 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 2020: Magid Abou-Gharbia, H. N. Cheng, Carol A. Duane, and Christopher J. Welch.

4. After the nominees spoke to Council, the Council selected by electronic ballot H. N. Cheng and Carol A. Duane as candidates for President-Elect 2020.

Dr. Hinkle introduced the candidates for the Board of Directors, chosen by voting Councilors in District II and District IV for the election to be conducted this fall for the term 2020-2022: District II, Christina C. Bodurow and Dawn Mason; and District IV, Rigoberto Hernandez and Lisa Houston.

Dr. Hinkle then announced the following candidates for Director-at-Large on the Board of Directors: Harmon B. Abrahamson, G. Bryan Balazs, D. Richard Cobb, and Dorothy J. Phillips. The two successful candidates will fill 2020-2022 terms.

Reports of Society Officers

President Bonnie A. Charpentier reviewed her overarching presidential theme of collaboration across ACS units, and with external partners including scientific societies in the U.S. and around the world. Dr. Charpentier reported on her international collaboration including participating in the International Year of the Periodic Table of Chemical Elements (IYPT) celebration in Paris, a chemistry festival at the new Jordan International Chemical Sciences Chapter, and the 84th Israel Chemistry Society Meeting. At the Orlando meeting, she met with representatives of the Organization for the Prohibition of Chemical Weapons (OPCW). Dr. Charpentier also reported meeting with members at the Columbus, Northeastern and Georgia Local Sections.

Dr. Charpentier highlighted her efforts in the area of advocacy, including requesting local sections to reach out to their state legislators to seek proclamations for IYPT, and working with staff to develop an online toolkit for members who are considering running for office.

She shared the details on the second ACS Safety Summit that she co-sponsored with Immediate Past President Peter K. Dorhout, and asked Councilors to read her ACS Comment on the outcomes of the summit, which will be published in C&EN on April 15, 2019. She concluded her report by highlighting her presidential symposia, both in Orlando and upcoming in San Diego.

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

President-Elect Luis Echegoyen reported on his desire to leverage his international travel to support ACS initiatives. He is looking to host a member event while on a trip in Spain, and is working with staff to develop a multi-leg trip through Latin America to visit with students, international chapters, and sister chemical societies in countries where ACS does not currently have strong ties.

Referencing his Council written report, Dr. Echegoyen stated that he is working to develop a Lasting Encounters between Aspiring and Distinguished Scientists (LEADS) meeting for younger scientists in the United States. The meeting would be modeled off other similar ones including the Lindau Meeting in Germany, the GYSS Meeting in Singapore, and the HOPE Meetings in Japan. The LEADS Meeting would align with the ACS strategic goals, link with the United Nations 2030 Sustainable Development Goals, and potentially attract new members to the Society.

He concluded his report by encouraging Councilors to contact him with advice and ideas regarding his presidential initiatives.

Immediate Past-President Peter K. Dorhout provided an update on the ACS Scholars Program, which he has been promoting during his term in the Presidential Succession.

He reported on a symposium he organized at the Orlando meeting on inclusive excellence in leadership development to build diverse leadership in chemistry and physics programs. Dr. Dorhout mentioned that inclusiveness and respect allow researchers to pursue their passions in chemistry without discomfort or fear of intimidation. He reported that following the ACS meeting in Boston, a group of leading societies, including the American Geophysical Union (AGU), the American Association for the Advancement of Science (AAAS), and ACS came together to form a consortium that is working together to create model policies and procedures for society honors and awards, behavior at meetings, and developing an environment of respect in academic and professional settings.

He concluded his report on the theme of safety, referencing a safety webinar he moderated and his continued work with various committees and divisions to promote a culture of safety.

Board Chair John E. Adams briefed the Council on the issues discussed and actions taken at the Board of Directors meetings on Friday and Saturday, March 29 and 30.

Among the actions taken by the Board at this meeting were the approval of recommendations from its Committee on Executive Compensation; reappointments of Editors-in-Chief for several ACS journals; and screened lists of nominees for the 2020 Priestley Medal and the ACS Award for Volunteer Service.

The Next Generation ACS Leadership Program Task Force, which was appointed to reassess the leadership development needs of our members, their employers, and the Society, updated the Board on its progress to date and summarized future activities. The task force is expected to have a framework for professional development that is reflective of the ACS core values ready for preliminary discussion at the Regular meeting of the Board in San Diego, during which members' input and reactions to the framework will be invited.

The Board was briefed on the challenges to ACS's Information Services units, CAS and Publications, stemming from the rapid evolution of the publishing and information aggregation environment within which these units operate. The Board will hold a retreat in June to further delve into this topic.

Dr. Adams reported that he commissioned a second task force, which will address the formats of and support for ACS meetings of the future. He is urging this task force, consisting of representatives of the Board and a broad range of Council committees, to step back and take a fresh look at meetings and then to define a structure that will address the needs of our members as we move into the third decade of the millennium.

Dr. Adams concluded his report by thanking Dr. Susan Butts for the review of the data regarding STEM workforce immigration and its effect on the U.S. economy, which she presented during the Regular Session of the Board on March 31.

Executive Director & CEO Thomas M. Connelly, Jr., reported that the Society had a highly successful year in 2018. He mentioned that last December, the Board adopted ‘Respect’, alongside Diversity and Inclusion, as a core value of the Society. Symposia at national meetings, C&EN articles and comments, staff training, government affairs efforts, and activities with sister scientific societies have all reinforced this core value.

Dr. Connelly noted that ACS joined as a charter member an AAAS-led Consortium on Sexual Harassment in STEM, partnered with the National Science Foundation in a Bridge Program to increase the number of chemical science PhDs awarded to underrepresented minority students, and partnered with the National Organization of Black Chemists and Chemical Engineers (NOBCCChE) on a Bridge Travel Award Program.

Dr. Connelly reported that for the first time in nearly a decade, membership grew in 2018, with success from the test initiatives from the Committee on Membership Affairs to attract new members and retain existing ones.

He noted that the Society’s strong financial position was driven by record performances by both CAS and Publications, where the Society achieved record revenue. He reported that the Society received an unmodified, clean audit opinion from KPMG. He noted that 2018 was the 15th consecutive year of positive net from operations, and the second consecutive year where all five financial guidelines have been met. Dr. Connelly introduced the new Treasurer and CFO, Mr. Albert Horvath, who joined ACS in February after having served as the Smithsonian Institution’s CFO and Chief Operating Officer.

Dr. Connelly concluded his report by asking Councilors to visit www.acs.org/acshighlights to seek more information on other 2018 ACS achievements.

Reports of Elected Committees

Council Policy Committee (CPC)

Lisa Houston, committee Vice-Chair, reported that the Long Range Planning Subcommittee hosted a New Councilor Orientation and Reception on March 30, with 33 new Councilors and Alternate Councilors in attendance.

The CPC Working Group on Future Council Representation continued its discussions on how to design a Council that best serves the Society in its advisory role to the Board of Directors. The Working Group discussed the function that Council currently serves, and what its function should be in the future.

Ms. Houston reported that CPC had set the divisors for allocation of Councilors among Local Sections and Divisions for 2020-2023. The formula is based on membership numbers as of December 31, 2018. Official notification of the Councilor divisor and the number of Councilors will be sent to Local Sections and Divisions, well in advance of the required May 1 deadline, in order to accommodate elections in 2019.

She noted that along with the Board of Directors, CPC had created the Task Force on Governance Design, whose work led to the Petition to Streamline the ACS Governing Documents. Ms. Houston reiterated that CPC supports the petitioners’ intent to amend the ACS Governing Documents by moving text from the

Constitution to the Bylaws and from the Constitution and Bylaws to Standing Rules. CPC believes that these changes will simplify our governing documents and make it easier for committees and members to propose changes. CPC voted to reaffirm their support of this petition.

5. VOTED, on a motion from the floor, to approve a request for a recorded vote on an amendment to the Petition to Streamline the ACS Governing Documents.

6. VOTED, to approve the adoption of the amendment, that Standing Rule II, Sections 2, a; 2, b; and 2, g be moved to the Bylaws as new Sections 2, a; 2, b; and 2, c of proposed Bylaw III with appropriate renumbering of the other sections of Bylaw III and Standing Rule II. (377 in favor; 50 opposed)

7. VOTED, not to record the vote to approve the Petition to Streamline the ACS Governing Documents as amended.

8. VOTED, on the recommendation of the Council Policy Committee, to approve the Petition to Streamline the ACS Governing Documents, as amended.

Committee on Committees (ConC)

Carolyn Ribes, committee chair, reported that the Committee on Committees (ConC) began developing its recommendations for 2020 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.

9. VOTED, on the recommendation of the Committee on Committees, and with the concurrence of the Council Policy Committee, that the Committee on Nomenclature, Terminology, and Symbols be continued, and that the Committee on Senior Chemists, subject to concurrence by the Board of Directors, be continued.

Dr. Ribes reported that as part of ConC's continuing effort to learn about the composition of ACS committees, broaden ACS member awareness, and provide an update on the survey conducted in 2016, the second committee demographic survey was launched February 25. The survey was sent to more than 750 committee participants of the 32 Council-related committees. As of April 2, the survey has a participation rate of 70 percent. Councilors serving on committees were encouraged to complete the survey, and were reminded that it is not ConC's intention to make the diversity topics listed in the survey the basis for an assignment on an ACS committee, but to support the ACS Core Value of "Diversity, Inclusion, and Respect".

She concluded her report by reminding Councilors to complete their online preference forms for 2020 during the period from March 18 to June 7, 2019, at www.yellowbook.acs.org, where they can also check their contact information for accuracy.

Nominations and Elections (N&E)

Amber S. Hinkle, committee chair, reported the results of the morning's elections for President-Elect 2020 (see item 4, 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.

Dr. Hinkle reported that a successful Town Hall Meeting was held on Sunday, March 31 with the nominees for President-Elect. She noted that N&E has begun to consider a new focus and strategy around the identification of candidates for ACS national offices, the challenge of cultivating a more diverse leadership pipeline that befits inclusive governance, and ultimately, the screening process for candidates.

Dr. Hinkle 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 not be in compliance with the Bylaws. N&E will recommend to Council in August 2019 redefined District boundaries as necessary to satisfy the provisions of the Bylaws.

She reminded Councilors that their Division and Local Section elections must be conducted in compliance with their bylaws and with ACS Bylaws.

Dr. Hinkle reported that N&E developed slates of potential candidates for CPC and ConC for the 2020-2022 terms. The names of the candidates will appear in the fall San Diego Council agenda.

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

Dr. Hinkle concluded by reporting that N&E had voted to endorse the Petition to Streamline the ACS Governing Documents.

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

Joseph A. Heppert, committee chair, reported that for 2018, ACS generated a net from operations of \$41 million, which was \$13.3 million higher than 2017. Total revenues were \$572 million, increasing 6.4 percent over 2017. Driving this strong performance were the Society's Information Services units, CAS and Publications, and a continued emphasis on expense management across the ACS. Expenses ended the year at \$531 million, 4.1 percent higher than the prior year.

He briefly reviewed the Society's sources of net contribution, which totaled \$101 million and included Information Services and Investments. These sources funded net expenses associated with Society Programs and other activities.

Dr. Heppert reported that the Society's financial position strengthened in 2018. Unrestricted Net Assets, or reserves, increased by \$8 million to \$292 million at year-end 2018. The increase was the result of \$41 million net from operations, which was partially offset by \$35 million in investment losses and non-cash accounting charges related to the Society's two closed postretirement benefit plans.

He reported that the five Board-approved financial guidelines and their corresponding targets were met in 2018, which is the second year in a row that the Society achieved full compliance.

Councilors were directed to the ACS public website where the Society's audited financial statements, IRS Form 990 filings, and other financial resources are posted.

Dr. Heppert reported that the committee received a presentation on the calculation of the 2020 fully escalated dues rate of \$180. Due to the Society's strong financial position, and in support of efforts to attract more members, the committee voted to suspend the dues escalator for one year.

10. 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 2020 at the current rate of \$175.

Dr. Heppert concluded his report by recommending that steps be taken to ensure that this pause in dues does not negatively impact allocations to Local Sections and Divisions of the Society.

Education (SOCED)

Jennifer Nielson, committee chair, reported that the committee ratified the vote to approve its 2019-2021 strategic plan. She noted that SOCED was pleased to be among the committees and divisions represented on the organizing committee for the 2019 Safety Education Summit held by the Committee on Chemical Safety.

Dr. Nielson reported that the committee voted to pilot a recognition program for ACS's international Student Chapters, further promoting inclusive global student engagement in the SOCED awards program.

She noted that a record number of 151 Local Sections and International Chemical Sciences Chapters are participating in the 2019 U.S. National Chemistry Olympiad, and the New Faculty Workshop continues to expand with two workshops being offered in 2019.

The committee voted to establish a new Outstanding Partnership with the American Association of Chemistry Teachers (AACT) award and to change the name of the Outstanding Kids & Chemistry award to Outstanding Engagement with K-8 Students.

Dr. Nielson concluded by reporting that SOCED voted to propose that the Board of Directors adopt the Workforce Immigration statement as public policy of the Society. Revisions to the ACS Science Education Policy Statement, which expires at the end of 2019, are being considered.

Science (ComSci)

Martin G. Kociolek, committee chair, reported that ComSci voted to endorse the Workforce Immigration statement. ComSci plans to make minor updates to the existing forensic science policy statement, and continues its work to develop a new policy statement on synthetic drugs. Several policy statements will expire in 2020, and ComSci has formed review teams to begin gathering background information on the issues underlying these statements.

He stated that he met with the chair of the Committee on Divisional Activities (DAC) to share information about DAC's work and identify potential areas for collaboration.

ComSci discussed chemistry's role in the UN Sustainable Development Goals (SDGs), and considered how ACS might address the SDGs. Dr. Kociolek reported that the committee organized a symposium in Orlando on "Exploring the Frontiers of Chemistry through NASA Research", and is planning a "Water for Two Worlds" symposium in San Diego.

ComSci is preparing nominations for the U.S. National Medal of Science and the National Medal of Technology and Innovation. The committee submitted a nomination for the Dreyfus Prize on behalf of the Society earlier this year.

Dr. Kociolek concluded by noting that ComSci voted to support the Petition to Streamline the ACS Governing Documents.

Council Special Discussion

President Charpentier introduced and led a special discussion on "ACS Relevance to Current and Future Members: Challenges and Opportunities". There were two goals for the discussion: to receive input from Councilors to help design better ways to understand members' needs and aspirations, and to hear from Councilors on what they had heard from their Local Section and Division constituents. She noted that ACS membership has been trending downward for several years and a significant number of members, around 25,000, do not renew each year. President Charpentier noted that the Society needs to do more to demonstrate value to our current and potential members to ensure growth and membership renewal.

To help inform the discussion, prior to the Council meeting Councilors were asked to solicit input from their constituents and bring forth their ideas to add value to ACS membership. Councilors were asked to speak to three different questions for the special discussion:

- How can we improve the value that ACS provides to its members?
- What benefits does ACS provide that our members want and need? What should we provide that we are not providing today?
- How can we attract future members of the chemistry enterprise to join ACS?

Twenty-nine Councilors shared their observations, comments, and suggestions. Dr. Charpentier concluded the discussion by thanking the Council for contributing to this important conversation, and encouraged more communication to a dedicated email address at engage@acs.org.

Reports of Standing Committees

Membership Affairs (MAC)

Brian M. Mathes, committee chair, reported that MAC continues to focus on the value provided to ACS members. He noted that in 2018, the Society saw a net membership growth of one tenth of one percent. This is the first membership growth that ACS has recorded in the better part of a decade.

Mr. Mathes noted that about 20 percent of the 25,000 new members last year were incentivized by market testing initiatives; without these new members, the Society would have seen continued declines.

He elaborated on the international country pricing test that provides reduced dues for international members residing in emerging nations. It is estimated by MAC that the test's financial impacts have been minimal to positive. The market test of the international dues discount program based on the World Bank's country income levels is set to expire in August 2019.

11. VOTED, on the recommendation of the Committee on Membership Affairs, and with the concurrence of the Council Policy Committee, that the market test of the international dues discount program based on the World Bank's country income levels be extended for an additional three years.

Meetings and Expositions (M&E)

Kevin J. Edgar, committee chair, reported that 12,830 scientific contributions have been made at this national meeting. As of April 2, the total attendance for this meeting was 15,605. The Exposition had 369 booths with 235 exhibiting companies, including the Career Fair; the mobile app had received more than 11,000 downloads, the highest number since its inception; and the online planner had been accessed nearly 160,000 times.

Due to the success of ongoing meeting cost reduction efforts, including concentration of the program in the convention center, M&E recommended not to enact the final \$15 registration escalator, therefore setting the Early Member Registration Fee for the 2020 national meetings at \$505.

Dr. Edgar reported that the Technical Program subcommittee is focusing on setting later deadlines by enacting early room assignments for the fall 2020 meeting. He noted that the technology used to provide audio in the theaters proved to be unexpectedly insufficient to deliver needed performance. M&E apologized for any inconvenience that this caused speakers and organizers, and ensured that the situation will improve for San Diego.

The Exposition and Industry subcommittee continues to work on the M&E strategic goal of increasing industrial participation in the Exposition. Over 40 different industry-recommended programs and events were identified in Orlando, many of which took place on the show floor in the theaters, the ACS booth, and in the Career Fair area.

Dr. Edgar reported that more than 4,400 attendees participated in nine regional meetings in 2018. The Regional Meeting subcommittee and ACS staff will continue to create and implement resources to support Local Section volunteers, who create the regional meetings. The Regional Meeting Planning Conference once again took place in conjunction with the Leadership Institute, held this past January in Atlanta.

He concluded his report stating that M&E voted unanimously to endorse the Petition to Streamline the ACS Governing Documents.

Divisional Activities (DAC)

James M. Takacs, committee chair, reported that DAC is working with staff to develop novel approaches to persuade a higher percentage of new ACS members to join Divisions.

The committee voted to fund nine Innovative Project Grants (IPG) totaling \$59,904; has continued a poster board and table event at Sci-Mix called "Division Row"; and is developing tools to enhance collaborative programing between Divisions on emerging topic areas.

Dr. Takacs noted that DAC continues to collect data on Division participation in ACS regional and international meetings, and a new formula for allocating dues to Divisions would not be proposed in Orlando.

DAC acknowledged the efforts of the Divisions and the Multidisciplinary Program Planning Group in organizing and delivering a wide range of excellent programming in support of the Orlando theme: “Chemistry for New Frontiers”.

Local Section Activities (LSAC)

Jason E. Ritchie, committee chair, recognized the following sections for their anniversaries in 2019: 25th: Tampa Bay; 50th: Central Utah; 75th: Hampton Roads, Northeastern Ohio, Southern Nevada, Wabash Valley; 100th: Midland and Oklahoma; and 125th: Lehigh Valley.

He reported that the committee approved the funding of 13 Innovative Projects Grants (IPG) for sections totaling nearly \$38,000; Local Section annual reports for 2018 have been completed by 153 Sections; and a joint meeting was held with the Committee on Community Activities (CCA) to organize around the theme of this year’s Chemists Celebrate Earth Week.

Dr. Ritchie concluded his report noting that M&E reviewed the procedures for calculating Local Section allocations and recommended maintaining the existing allocation formula.

Economic and Professional Affairs (CEPA)

Frank Romano, committee chair, reported that there was a low response rate to the employment survey, which will be reverting to previous methodology this year to increase the number of responses, and requested that all Councilors complete the survey.

He noted that the onsite Career Fair continued to improve, with members now being able to select career counselors to match with their professional goals. Mr. Romano concluded his report by asking Councilors to recommend career consultants to the committee, and to give input on the draft, “The Chemical Professional Code of Conduct”, for which Council’s action will be sought in San Diego.

Constitution and Bylaws (C&B)

V. Dean Adams, committee chair, reported that C&B certified three unit bylaws since the beginning of this year, in addition to the eight that were certified after ACS’s national meeting in Boston last year.

Bulletin 5 (ACS Governing Documents) was updated as of January 1, 2019. 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.

Dr. Adams thanked Councilors for voting in favor of the Petition to Streamline the ACS Governing Documents.

He reminded Councilors that new petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than May 8 to be included in the Council agenda for consideration in San Diego.

Reports of Other and Joint Board-Council Committees

Chemical Safety (CCS)

Ralph Stuart, committee chair, reported on three key activities: the committee organized a second Safety Summit in March; working with the Division of Chemical Health and Safety (CHAS) and ACS’s Office of Safety Programs, the committee has been developing short videos to address key chemical safety concepts in the laboratory; and the committee has partnered with CHAS and the Division of Chemical Information to develop a teaching exercise for risk assessment in undergraduate organic teaching laboratories.

Dr. Stuart concluded his report by mentioning that the committee will hold a strategic retreat, and asked all Councilors to send ideas and suggestions to the committee.

International Activities (IAC)

Jens Breffke, committee chair, reported that at this meeting the committee welcomed dignitaries from sister societies and partners from Brazil, Israel, and the European Chemical Society (EuChemS), as well as representatives from the Organization for the Prohibition of Chemical Weapons (OPCW).

He noted that the committee reviewed an application from the Republic of Georgia to establish an ACS International Chemical Sciences Chapter and recommended it move forward for Council consideration and action in San Diego. Also, the International Welcome Reception was a success with several hundred attendees.

12. VOTED, on the recommendation of the Committee on International Activities, and with the concurrence of the Council Policy Committee, to approve the establishment of the Pakistan International Chemical Sciences Chapter, subject to concurrence by the Board of Directors.

Women Chemists (WCC)

Kimberly A. Woznack, committee chair, reported that the committee partnered with ACS Webinars on the program, “Advocating for Yourself: Stop Looking for Yoda to Advance your Career”. She noted that the committee is celebrating the 30th Anniversary of the WCC/Eli Lilly & Company Travel Award, which has supported more than 700 scientists to attend and present at ACS’s national meetings.

Dr. Woznack noted that WCC luncheon speaker, Dr. Lisa McElwee-White, was honored during a multi-day symposium sponsored by the Division of Inorganic Chemistry; Dr. Ruth Baltus, recipient of the 2019 ACS Award for Encouraging Women into Careers in the Chemical Sciences, was honored during a half-day symposium; and the winners of the 8th annual WCC Rising Star award spoke at a half-day symposium.

She reported that the committee continued to advocate in the areas of nominating women for national technical awards, supporting non-tenure track faculty members, sexual harassment prevention and awareness, and supporting the rights and safety of women chemists who are pregnant or breastfeeding.

New Business

Resolution

The Council adopted the following resolution:

13. BE IT RESOLVED That the Council of the American Chemical Society expresses to the officers and members of the Orlando Local Section, host Section for the 257th 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 conveys special thanks to the divisional program chairs and symposium organizers responsible for the outstanding technical sessions, as well as headquarters staff, for the planning and execution that have assured the success of the 257th National Meeting.

There being no further business, the meeting adjourned at 12:00 p.m.

Flint H. Lewis
Secretary