

DRAFT
MINUTES
COUNCIL
AMERICAN CHEMICAL SOCIETY
August 13, 2014
San Francisco, California

The Council of the American Chemical Society met in San Francisco, California, on August 13, 2014, beginning at 8:00 a.m. Tom J. Barton, President of the Society and of the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives were present:

Ex-Officio: John E. Adams, Tom J. Barton, George M. Bodner, Bruce E. Bursten, William F. Carroll, Jr., Bonnie A. Charpentier, Pat N. Confalone, Ned D. Heindel, Rigoberto Hernandez, Catherine T. Hunt, Nancy B. Jackson, Madeleine Jacobs, Thomas H. Lane, Flint H. Lewis, Ingrid Montes, E. Ann Nalley, Gordon L. Nelson, Attila E. Pavlath, Elsa Reichmanis, Barbara A. Sawrey, Diane Grob Schmidt, Kathleen M. Schulz, Bassam Z. Shakhshiri, Edel Wasserman, Marinda Li Wu.

Bylaw: Judith H. Cohen, Catherine C. Fenselau.

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-Hearst, Michelle V. Buchanan, M. Bonner Denton, Roland F. Hirsch. *Biochemical Technology*, Arindam Bose, Theresa A. Good, Sharon P. Shoemaker. *Biological Chemistry*, Michelle C. Chang, Christine S. Chow, Thomas J. Magliery, Nicole S. Sampson. *Business Development & Management*, Janet L. Bryant, Michael Hurrey. *Carbohydrate Chemistry*, Derek Horton, John R. Vercellotti. *Chemical Education*, Renée S. Cole, Melanie M. Cooper, Resa M. Kelly, Ellen J. Yezierski. *Chemical Health & Safety*, Robert H. Hill, Jr., Russell W. Phifer. *Chemical Information*, Bonnie Lawlor, Andrea B. Twiss-Brooks. *Chemical Toxicology*, Frederick A. Beland. *Chemistry & The Law*, James C. Carver, Alan M. Ehrlich. *Colloid & Surface Chemistry*, Tina M. Nenoff, Maria M. Santore, Robert D. Tilton. *Computers in Chemistry*, Emilio X. Esposito, Peter C. Jurs, Ralph A. Wheeler, Henry L. Woodcock, III*. *Energy & Fuels*, Archibald C. Buchanan, III, Semih Eser, Elise B. Fox*, Lisa Houston. *Environmental Chemistry*, V. Dean Adams, Alan W. Elzerman, Kenneth E. Smith*, Martha J.M. Wells. *Fluorine Chemistry*, David A. Dixon. *Geochemistry*, R. Lee Penn. *History of Chemistry*, Roger A. Egolf, Mary Virginia Orna. *Industrial & Engineering Chemistry*, Martin A. Abraham, Spiro D. Alexandratos, Melanie J. Lesko, Mary K. Moore. *Inorganic Chemistry*, James K. McCusker, Marina A. Petrukhina, Silvia Ronco, William B. Tolman. *Medicinal Chemistry*, Jane V. Aldrich, William J. Greenlee, Amy S. Ripka, David P. Rotella. *Nuclear Chemistry & Technology*, Silvia S. Jurisson, Graham F. Peaslee. *Organic Chemistry*, Huw M.L. Davies, P. Andrew Evans, Scott R. Gilbertson, Cynthia A. Maryanoff. *Physical Chemistry*, Michael R. Berman, Ellen B. Stechel, Angela K. Wilson. *Polymer Chemistry*, Frank D. Blum, William H. Daly, Mary Ann Meador, John Pochan. *Polymeric Materials: Science & Engineering*, Julie L.P. Jessop, David J. Lohse, Dean C. Webster. *Professional Relations*, Lynne P. Greenblatt, R. Daniel Libby. *Rubber*, John M. Long. *Small Chemical Businesses*, Sharon V. Vercellotti.

Local Sections: *Akron*, James E. Duddey, Daryl L. Stein. *Alabama*, Tracy P. Hamilton. *Alaska*, Lisa A. Hoferkamp. *Ames*, Malika Jeffries-El. *Auburn*, Orlando Acevedo. *Baton Rouge*, Bryan K. Franklin. *Binghamton*, Wayne E. Jones, Jr. *Brazosport*, Carolyn Ribes. *California*, G. Bryan Balazs, Michael T.H. Cheng, Sheila Kanodia, Lee H. Latimer, Alex M. Madonik, Eileen M. Nottoli, Paul F. Vartanian, Elaine S. Yamaguchi. *California Los Padres*, Albert C. Censullo. *Carolina-Piedmont*, Matthew K. Chan, Daniel Rabinovich. *Central Arizona*, Douglas J. Sawyer. *Central Arkansas*, Martin D. Perry. *Central*

*Alternate Councilor

**Temporary Substitute Councilor

Massachusetts, Christopher Masi. *Central New Mexico*, Kristin M. Omberg, Donivan R. Porterfield. *Central New York*, Alyssa C. Thomas. *Central North Carolina*, Timothy D. Ballard, Robert A. Yokley. *Central Ohio Valley*, Gary D. Anderson. *Central Pennsylvania*, Lori S. Van Der Sluys. *Central Texas*, Diane M. Kneeland, Barry J. Streusand. *Central Utah*, Jennifer B. Nielson. *Central Wisconsin*, David E. Lewis**. *Chattanooga*, Verrill M. Norwood, III. *Chemical Society of Washington*, Joseph M. Antonucci, Elise A. Brown, Regina J. Cody, Richard M. Goodman*, John M. Malin, N. Bhushan Mandava*, Kim M. Morehouse, Jason E. Schaff. *Chicago*, Charles E. Cannon, Irene G. Cesa*, David S. Crumrine, Kenneth P. Fivizzani, Herbert S. Golinkin, Michael G. Koehler*, Fran K. Kravitz, Inessa Miller, Barbara E. Moriarty, Susan M. Shih. *Cincinnati*, Bruce S. Ault, Kathleen Gibboney, Roger A. Parker. *Cleveland*, David W. Ball, Dwight W. Chasar. *Coastal Georgia*, Will E. Lynch. *Colorado*, Sandra J. Bonetti, David L. Dillon, Connie Gabel, Helen B. Gerhard*, Susan M. Schelble. *Columbus*, Donald C. Songstad, Virginia H. Songstad. *Connecticut Valley*, Ronald D. Archer, David R. Myers*, Sharon M. Palmer*, Julianne M.D. Smist, Frank J. Torre. *Cornell*, Thomas Ruttledge**. *Corning*, Roger F. Bartholomew. *Dallas-Fort Worth*, Mary Anderson, Linda D. Schultz, E. Thomas Strom. *Dayton*, Steven Trohalaki. *Decatur-Springfield*, Anne M. Rammelsberg. *Delaware*, Tiffany N. Hoerter, Martha G. Hollomon, Nora S. Radu*, Margaret J. Schooler. *Detroit*, Mark A. Benvenuto, James M. Landis, Jr., Walter O. Siegl. *East Central Illinois*, Ellen A. Keiter. *East Tennessee*, Alan A. Hazari. *East Texas*, Michael Sheets. *Eastern New York*, Mary K. Carroll, Warren D. Hull, Jr. *Eastern North Carolina*, Satinder Ahuja. *Erie*, Betty Jo Chitester*. *Florida*, Béla S. Buslig, Carmen V. Gauthier. *Georgia*, Lissa Dulany, David S. Gottfried, Terence E. Say, C. David Sherrill. *Greater Houston*, Amber S. Hinkle, Mamie W. Moy, Kerry K. Spilker, Izabela Tworowska*. *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 M. Ferrence. *Illinois-Iowa*, Richard G. Rogers. *Indiana*, Dawn A. Brooks, David Mitchell, Robert A. Pribush. *Indiana-Kentucky Border*, Jeffery W. Seyler. *Inland Northwest*, Jeffrey A. Rahn. *Joliet*, William J. Peacy. *Kalamazoo*, Lydia E.M. Hines. *Kanawha Valley*, Madan M. Bhasin. *Kansas City*, William G. Gutheil, Eckhard Hellmuth. *Kansas State University*, Daniel A. Higgins. *Kentucky Lake*, Charles M. Baldwin. *Lake Superior*, Donald K. Harriss. *Lehigh Valley*, Pamela D. Kistler, Carol B. Libby. *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*, Robert J. Hargrove. *Mid-Hudson*, George W. Ruger. *Midland*, Bob A. Howell, Tina M. Leaym. *Milwaukee*, Kevin W. Glaeske. *Minnesota*, Marilyn Duerst, Sarah M. Mullins, Wade A. Neiwert*, Danae R. Quirk Dorr, Wayne C. Wolsey. *Mojave Desert*, Peter Zarras. *Mo-Kan-Ok, The Tri-State*, Khamis S. Siam. *Montana*, Anthony P. Haag**. *Nashville*, Judith M. Iriarte-Gross, Ruth A. Woodall. *Nebraska*, James M. Takacs. *New Haven*, Gerald J. Putterman. *New York*, Donald D. Clarke*, Ronald P. D'Amelia, Brian R. Gibney, Barbara R. Hillery, Hiroko I. Karan, Joan A. Laredo-Liddell, Patricia A. Redden, Frank Romano, Hessy L. Taft*. *North Carolina*, James L. Chao, Alvin L. Crumbliss, Sara N. Paisner*, Laura S. Sremaniak. *North Jersey*, Jeannette E. Brown, Amber F. Charlebois, Alan B. Cooper, Jacqueline A. Erickson, Stan S. Hall, Elizabeth M. Howson, Diane Krone, Les W. McQuire, Joseph A. Potenza, Monica R. Sekharan, William H. Suits. *Northeast Georgia*, Maurice E. Snook*. *Northeast Tennessee*, John Engelman, II. *Northeast Wisconsin*, Martin D. Rudd. *Northeastern*, Michaeline F. Chen, Mukund S. Chorghade*, Catherine E. Costello, Michael P. Filosa, Patrick M. Gordon, Morton Z. Hoffman, Christine H. Jaworek-Lopes*, Leland L. Johnson, Jr.*, Doris I. Lewis, Robert L. Lichter, Jackie J. O'Neil, Andrew Scholte*, Mary Jane Shultz, Michael Singer, Ruth E. Tanner. *Northeastern Indiana*, Ruth E. Nalliah. *Northeastern Ohio*, Carol A. Duane. *Northern New York*, Martin A. Walker. *Northern Oklahoma*, Kristi Fjare. *Northern West Virginia*, Edwin L. Kugler*. *Northwest Central Ohio*, Michael D. Edmiston. *Northwest Louisiana*, Brian A. Salvatore. *Oklahoma*, Allen W. Apblett. *Ole Miss*, Jason E. Ritchie. *Omaha*, D. David Smith**. *Orange County*, Robert S. Cohen, Sanda P. Sun. *Oregon*, Richard L. Nafshun. *Orlando*, Darlene K. Slattery. *Ozark*, Eric Bosch. *Penn-Ohio Border*, Doris L. Zimmerman. *Pensacola*, Allan M. Ford. *Permian Basin*, Kathryn Louie. *Philadelphia*, Anthony W. Addison, Deborah H. Cook, Judith N. Currano, Ella L. Davis, Anne S. DeMasi, Mark A. Forman, Douglas B. Hausner*,

Kathryn A. Lysko, James K. Murray, Jr., Kathleen T. Shaginaw, James E. Tarver, Jr*. **Pittsburgh**, Michelle Coffman, Richard S. Danchik, Robert Mathers, Vincent M. Mautino. **Portland**, Bill Baghdanov*, Marcie J. Merritt*. **Princeton**, Louise M. Lawter, Khalid Mahmood*. **Puerto Rico**, Néstor M. Carballeira. **Puget Sound**, Gary D. Christian, Jennie K. Mayer*, Gregory L. Milligan, Mark Wicholas. **Purdue**, Adam C. Myers**. **Red River Valley**, Harmon B. Abrahamson. **Rhode Island**, Peter J. Bonk. **Richland**, Richard A. Hermens. **Rio Grande Valley**, Michael Johnson*. **Rochester**, D. Richard Cobb, Richard W. Hartmann. **Rock River**, Dennis N. Kevill. **Sabine-Neches**, John A. Whittle. **Sacramento**, John R. Berg, Janan M. Hayes. **St. Louis**, Lisa M. Balbes, Lawrence Barton, Donna G. Friedman. **Salt Lake**, Thomas G. Richmond, 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 Geronio**, Eileen DiMauro*, J. Ernest Simpson. **San Joaquin Valley**, Melissa L. Golden. **Santa Clara Valley**, Linda S. Brunauer, Abigail Kennedy, George J. Lechner, Ashley Piekarski*, Peter F. Rusch, Herbert B. Silber, Ean Warren. **Savannah River**, Christopher J. Bannochie. **Sierra Nevada**, Ana de Bettencourt-Dias. **Sioux Valley**, Jetty L. Duffy-Matzner. **Snake River**, Don L. Warner. **South Carolina**, William H. Breazeale, Jr., Scott R. Goode. **South Central Missouri**, Shawna M. Rickard**. **South Florida**, Milagros Delgado, George H. Fisher, Zaida C. Morales-Martinez. **South Jersey**, Guenter Niessen. **South Plains**, Bill Poirier. **South Texas**, Thomas R. Hays. **Southeastern Pennsylvania**, Gregory P. Foy. **Southern Arizona**, Brooke B. Massani*. **Southern California**, Rita R. Boggs, Thomas R. LeBon, Virgil J. Lee, Sofia Pappatheodorou*, Eleanor D. Siebert, Barbara P. Sitzman. **Southern Illinois**, Rachel Morgan Theall. **Southern Indiana**, Steven L. Tait*. **Southern Nevada**, Onofrio G. Gaglione. **Southwest Georgia**, Subhash C. Goel. **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, Matthew C. Crowe. **University of Missouri**, Justin R. Walensky. **Upper Ohio Valley**, Kevin Pate. **Upper Peninsula**, Joseph E. Sabol**. **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. **Western Carolinas**, Lucy P. Eubanks, George L. Heard. **Western Connecticut**, Lawrence K. Steffen. **Western Maryland**, Don B. Weser. **Western Michigan**, Mark A. Thomson. **Wichita**, D. Paul Rillema. **Wichita Falls-Duncan**, Keith R. Vitense. **Wilson Dam**, Michael B. Moeller. **Wisconsin**, Martha L. Casey, Ieva L. Reich.

Nonvoting Councilors: Rudy M. Baum, Elizabeth P. Beckham, Brian A. Bernstein, James D. Burke, Susan B. Butts, H.N. Cheng, Brian D. Crawford, Denise L. Creech, Brian J. Dougherty, Katherine C. Glasgow, Alicia E. Harris, David E. Harwell, George E. Heinze, John C. Katz, Mary M. Kirchhoff, Susan S. Marine, Anne B. McCoy, Christi Pearson, Laura E. Pence, Barbara F. Polansky, Sophie L. Rovner, 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: 25 Ex- Officio Councilors; 2 Bylaw Councilors; 83 Division Councilors (80 elected, 3 alternate); 321 Local Section Councilors (281 elected, 33 alternate, 7 temporary); and 26 Nonvoting Councilors (staff and others). Approximately 55 observers were in attendance

Resolution

The Council ADOPTED the following resolution as presented by Council Policy Committee (CPC) Vice-Chair Alan M. Ehrlich:

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. Daniel J. Antion, retired University of South Carolina administrator, and Councilor for the South Carolina Section from 1996-2001.

- Dr. John M. Ruth, former research chemist for the USDA, and Councilor for the Chemical Society of Washington from 1978-1992, 1994-2008 and 2010-2012.
- Dr. Bruce Burnham, professor in the Department of Chemistry, Biochemistry and Physics at Rider University, and Councilor for the Trenton Section from 2013-2014.
- Dr. Frederick R. Lemke, chemistry professor at Ohio University, and Councilor for the Upper Ohio Valley Section from 1995-1997.
- Dr. Joe W. Hightower, retired professor in the department of chemical engineering at Rice University, and Councilor for the Southeastern Texas Section from 1975-1992, and Councilor for the Greater Houston Section from 1994-2007.

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 March 19, 2014.

Election of Elected Committees

D. Richard Cobb, chair, Committee on Nominations and Elections (N&E), introduced the candidates for election to the Council Elected Committees:

3. 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 2015: Spiro D. Alexandratos, Mark A. Benvenuto, Mitchell R.M. Bruce, Judith N. Currano, Jetty L. Duffy-Matzner, Kathleen Gibboney, Helen A. (Bonnie) Lawlor, Zaida Morales-Martinez, Robert A. Pribush, and Patricia A. Redden. By electronic ballot, the Council ELECTED Mitchell R.M. Bruce, Judith N. Currano, Helen A. (Bonnie) Lawlor, Zaida Morales-Martinez, and Robert A. Pribush for the 2015-2017 term.

4. 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 (CPC) beginning in 2015: Lawrence Barton, Dwight W. Chasar, Lynne P. Greenblatt, Martha G. Hollomon, Peter C. Jurs, Pamela D. Kistler, Doris I. Lewis, Christopher Masi, Andrea Twiss-Brooks, and Linette M. Watkins. By electronic ballot, the Council ELECTED Lawrence Barton, Lynne P. Greenblatt, Peter C. Jurs, and Linette M. Watkins for the 2015-2017 term, and Andrea Twiss-Brooks for the remainder of a 2014-2016 term.

5. 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 2015: Anthony W. Addison, John W. Finley, Lydia E.M. Hines, Roland F. Hirsch, Robert L. Lichter, Mamie W. Moy, Anne T. O'Brien, Eleanor D. Siebert, Herbert B. Silber, and Ralph A. Wheeler. By electronic ballot, the Council ELECTED Lydia E.M. Hines, Robert L. Lichter, Mamie W. Moy, Anne T. O'Brien, and Eleanor D. Siebert for the 2015-2017 term.

Reports of Society Officers

President Tom Barton reported that the two presidential symposia held at this meeting –“Hydraulic Fracturing” and “Photocatalytic Conversion of Water” – were very successful. The most personally fulfilling trips in recent months were to Golden, Colorado for the ACS Green Chemistry Sumer School, and to Vancouver, British Columbia for a meeting of the Canadian Society of Chemistry, where he was asked to

serve on a panel and present his views on the future of chemistry. He stated he feels much better about the future of chemistry after listening to the 50 graduate students at the summer school in Colorado eagerly and excitedly discussing all the various aspects of “green chemistry.” He further believes that there is a bright future for analytical chemistry, in particular.

President-Elect Diane Grob Schmidt focused her remarks on three areas, including two presidential symposia planned for the ACS National Meeting in Denver next year. “Nanotechnology: Delivering on the Promise,” will highlight the fascinating research, development, and commercialization of nanochemistry and nanotechnology and will include 16 senior level speakers from industry, academe, and government. The second symposium on “Chemistry without Borders,” will provide perspectives on characteristics of the global readiness of the chemistry graduate in the U.S. and worldwide. Second, she is delighted to support the new American Association of Chemistry Teachers (AACT) as a charter member, and encouraged Councilors to spread the word about AACT, become charter members and/or sponsor a local teacher’s membership in AACT. Finally, she has begun discussions on how to increase the value of ACS to industrial scientists, which will include promoting industry roundtables for various sectors such as energy, biotech, and small business.

Immediate Past President Marinda Li Wu reported that for the past three years she has been sharing her “Partners for Progress and Prosperity” theme with chemistry communities around the world. Two ACS Symposium books based on presidential symposia – “Vision 2025” and “Careers, Entrepreneurship, and Diversity” – have been released, and a third is planned for next year. She also announced that the first Global Award for Partners for Progress and Prosperity (P3) was presented at this meeting to the Division of Agricultural and Food Chemistry and the Thailand International Chemical Sciences Chapter. Other P3 awards will be given starting in 2015 by local sections and regional meetings with funding provided by remaining funds from the presidential budget at the end of the year. Finally, she thanked the Women Chemists Committee (WCC) as the lead sponsor for partnering with her on a “Women Leaders of the Global Chemistry Enterprise” symposium at this meeting.

Board Chair William F. Carroll, Jr., reported that at this meeting the Board of Directors considered a number of key strategic issues and responded with several actions. The Board voted to approve: Society nominations for the 2015 Perkin Medal and the 2015 nominee for the National Science Board Public Service Award; an advance member registration fee of \$390 for national meetings held in 2015; and several recommendations from its Committee on Executive Compensation. The compensation of the Society’s executive staff receives regular review from the Board. The Board also approved a resolution to recognize the contributions of the Organization for the Prohibition of Chemical Weapons (OPCW) in the peaceful application of the chemical sciences to improving people’s lives through the transforming power of chemistry and advancing its broader enterprise and its practitioners for the benefit of Earth and its people.

The Executive Director/CEO and her direct reports updated the Board on: a summary of a recent survey measuring ACS employee engagement; the ACS’s global presence and activities; a recommendation on allocating certain investment income from the ACS Endowment Fund to Project SEED; activities and plans of Chemical Abstracts Service (CAS) and the ACS Publications Division; and a report on “Challenges and Opportunities for ACS, 2015-2017.” As a follow-up to the Publications report, the Board voted to appoint or reappoint several editors of Society publications.

The Board was also updated on the American Association of Chemistry Teachers (AACT), a new organization sponsored by the ACS that is officially launching in September.

The Board also received an update on the recruitment process for the Executive Director and CEO position. Dr. Carroll stated that this position offers wonderful challenge and opportunity and that Korn Ferry International, a large, globally known firm, has been retained to conduct the search. The position is currently being advertised. The process is expected to be completed in time to have a new Executive Director and CEO in place January 1, 2015.

Executive Director and CEO Madeleine Jacobs expressed, on her final meeting with Council, her gratitude for the personal and professional support that Councilors, colleagues on the current and past Boards of Directors, and members of the staff have given in her positions as Managing Editor and Editor-in-Chief of *Chemical & Engineering News* and as Executive Director and Chief Executive Officer of ACS. She stated that collectively, everyone worked together in partnership with ACS members to help the Society achieve its vision, "Improving people's lives through the transforming power of chemistry." Ms. Jacobs said she is proud of what has been accomplished during her tenure as Executive Director and Chief Executive Officer, and is confident that she is leaving ACS well- positioned with a strong foundation for an even brighter future.

Reports of Elected Committees

Council Policy Committee (CPC)

Alan M. Ehrlich, committee vice chair, reported that because the orientation for new Councilors at the spring meeting in Dallas was very successful, the breakfast for new Councilors for San Francisco was cancelled. The ACS Councilor Mentorship Program established for new Councilors, and now Alternate Councilors as well, needs volunteers from among experienced Councilors. CPC considered a number of recommendations from its subcommittees and task forces and responded with several actions. The CPC Subcommittee on Constitution and Bylaws name has been changed to reflect its actual duties and will now be called the Subcommittee on Petitions, Constitution and Bylaws. The Task Force on Councilor/Member Duties and Conduct has prepared two Bylaw changes. One is to revise the Society's Bylaws on expulsion of members for "conduct injurious to the Society," significantly simplifying the current Bylaw procedure while preserving due process. The other is to add Bylaw sections to provide a process for removing Councilors and Alternate Councilors from office for neglect of duties and other misconduct. CPC has endorsed these efforts and expects more consideration of these issues at the spring meeting in Denver.

The Task Force to Review Councilor Travel Reimbursement Policy has submitted CPC's recommendations (approved at the spring meeting in Dallas) and supporting documentation to the Society Committee on Budget and Finance and ultimately to the Board for consideration.

CPC also approved changes to the Guidelines for Visual Presentations to Council to add guidelines for handouts to Council.

CPC voted to support the following action items for this meeting: a recommendation from the Committee on Committees (ConC) that the Committee on Patents and Related Matters (CPRM) be continued, subject to concurrence by the Board of Directors; a recommendation from ConC that the Committee on Technician Affairs (CTA) be continued; the revision of the Professional Employment Guidelines, to be known as the 9th Edition, proposed by the Committee on Economic and Professional Affairs (CEPA); the dissolution of the Ocean County Section as recommended by the Committee on Local Section Activities (LSAC); at the request of LSAC, the committee also voted to remove an item from the Council agenda: a petition to move the territory from the Ocean County Section into the Philadelphia Section; and the establishment of an ACS International Chemical Sciences Chapter in South Africa, as proposed by the Committee on International Activities (IAC).

Councilors were reminded that at the spring meeting in 2015, CPC will set the Councilor divisor for 2016-2019. The formula will be based on membership numbers as of December 31, 2014. Official notification of the Councilor divisor and the number of Councilors permitted for local sections or divisions will be sent to locals sections and divisions no later than May 1, 2015, as it will affect elections their conducted in 2015.

CPC is investigating ways to reduce the printing and mailing costs of the Council agenda, and requests suggestions and comments be sent to the ACS Secretary (secretary@acs.org). No action is imminent, and all comments and suggestions will receive serious consideration.

Committee on Committees (ConC)

Dawn A. Brooks, committee chair, reported that ConC will be conducting its annual New Chairs Training Session in Dallas, Texas, January 23-25, 2015, as part of the ACS Leadership Institute; ConC is developing its recommendations for 2015 committee chairs, members, associates, and consultant appointments for consideration by the President-Elect and Chair of the Board; performance reviews for CPRM and CTA are complete and are on the Council agenda for action; and performance reviews for the committees on Science (ComSCI) and Ethics (ETHX) have been completed and ConC expects to take action on them at a national meeting next year.

6. VOTED, on the recommendation of the Committee on Committees (ConC), that the Committee on Patents and Related Matters (CPRM) be continued, subject to concurrence by the Board of Directors; and that the Committee on Technician Affairs (CTA) be continued.

On behalf of Council, ConC recognized 43 Councilors who will have served the statutory limit or otherwise completed their service on ACS governance committees at the end of 2014; 12 committee chairs who will have served the statutory limit on the committee they chair; and 37 Councilors observing 15, 20, 25, 30, 35, or 40 years of service as members of the Council.

Nominations and Elections (N&E)

D. Richard Cobb, committee chair, reported the results of the morning's elections to the Council Elected Committees (see items 3-5).

N&E accepted the recommendations of the Joint N&E/CPC Task Force on Election Timelines, and will be implementing them in 2015. These recommendations include: the start of official campaign for national election will change from one month to one week after the conclusion of the spring national meeting; potential petition candidates will be asked to notify N&E of their intent to circulate petitions to be a candidate for national office so they can receive petition and campaign information from N&E in a timely manner; the committee will recommend to C&EN that it publish candidate information two weeks after the Fall national meeting; and in an effort to respond to candidate concerns about the length of the election cycle, the interval for balloting in national elections will be reduced from 6 to 4 weeks.

At the suggestion of members of Council, other changes for 2015 include: publishing the balloting results at Council meetings for candidates for President-Elect (spring) and for the Elected Committees of Council (fall) in the Governance Talking Points released shortly after each Council Meeting; and Councilors voting to select their two district director candidates from among four nominees will now have the option of voting by mail ballot or internet.

N&E is working on a Bylaw amendment that will introduce preferential balloting for all stages in national elections, including Director-at-Large.

Ballots for the 2014 fall national election will be mailed on October 3, with a voting deadline six weeks later on November 14. Members will have the option to vote electronically or by the traditional paper ballot. Mr. Cobb then announced the candidates for President-Elect 2015, Directors-at-Large (2015-17), District III Director (2015-17) and District VI Director (2015-17).

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

Bonnie A. Charpentier, committee chair, reported that B&F reviewed the Society's 2014 probable year-end financial projection which calls for a Net Contribution from operations of \$14.4 million, or \$752,000

higher than the Approved Budget. Total revenues are projected at \$497.2 million. This is \$1.1 million or 0.2% unfavorable to the Approved Budget. The projected shortfall is primarily driven by lower-than-budgeted Electronic Services, Registration Fees, and Advertising revenues. Total expenses are projected at \$482.8 million, which is \$1.9 million or 0.4% favorable to the Approved Budget. This variance is the result of lower-than-budgeted expenses across multiple categories, primarily in the Society's information services divisions (CAS and Publications). The Probable 1 projection was developed using May 31 actual financial results. Based on more recent information through July, management believes this projection will be exceeded.

Dr. Charpentier presented information on the Society Program Portfolio Management Process, which is designed to maximize the impact and benefits that Society Programs deliver to ACS members and the chemistry community while optimizing allocation of resources among the program portfolio.

Education (SOCED)

Andrew Jorgensen, chair, reported that the committee received an update on the new American Association of Chemistry Teachers (AACT), which is now accepting members and will officially launch September 2, 2014. AACT member benefits include access to curricular resources, such as lesson plans and multimedia; professional development opportunities; a subscription to *ChemMatters*; and an online member network. SOCED voted to approve revisions to the current policy statements on hands-on laboratory science, science and technology funding, and visa restrictions. The statements will go to the Board of Directors for approval at its December meeting.

SOCED received updates from the Education Division staff on the 2013 ACS Graduate Student Survey; the launch of the K-8 website Adventures in Chemistry; the ACS-Hach program, which supports high school chemistry teachers; and new directions for the 9th Edition of the textbook Chemistry in Context. The results of the Graduate Student Survey generated significant discussion, and SOCED voted to establish a Task Force to continue analysis and research.

Science (ComSci)

Katherine C. Glasgow, chair, reported that the committee remains focused on three areas: increasing understanding of the emerging frontiers in science, recommending eminent chemical scientists for prestigious external awards, and developing public policies to advance science in society.

ComSci has identified two multidisciplinary areas that hold great promise for fostering innovation and opportunities for chemistry-related scientists – advanced materials and the chemistry of clean and renewable energy; completed four on-demand video interviews with Nobel Laureates and other celebrated scientists, which will be linked with the onsite emerging science forums in 2015; developed, reviewed and edited six public policy statements, working with other committees; and begun to formulate suggestions in response to a White House call for recommendations on a new national innovation strategy.

Reports of Standing Committees

Economic and Professional Affairs (CEPA)

Louise Lawter, chair, reported that the unemployment rate for all ACS chemists has dropped from 3.5% in March 2013 to 2.9% as of March 2014. However, the unemployment rate for new chemistry graduates as of August 2013 is considered to be an all-time high of 14.6%. The number is higher when bachelor's level graduates are isolated, for whom the rate is 15.8%.

CEPA is currently assessing the current portfolio of programs and services to better address the career and employment development needs of ACS members. Career and professional advancement tools continue to be added to the new ACS Career Navigator.

7. VOTED, on the recommendation of CEPA, and subject to concurrence by the Board of Directors, to approve the Professional Employment Guidelines, 9th Edition.

Meetings and Expositions (M&E)

Will E. Lynch, chair, reported that 11,847 papers were accepted for the 248th National Meeting in San Francisco. As of August 13, total attendance was 15,761. The Exposition had 432 booths with 285 exhibiting companies. The committee voted to recommend to the Board of Directors the following sites for National Meetings: Boston (fall 2024, 2029, 2031), San Diego (spring 2025, 2031, and fall 2027), New Orleans (spring 2027, 2032), and Chicago (fall 2022).

The committee heard an update on the Meeting Abstracts Programming System (MAPS). The new system will launch August 25 in preparation for the Denver National Meeting. Regional Meetings and specialty conferences will use MAPS starting in January 2015.

M&E voted to strengthen the current recording policy at National Meetings to include enforcement language. Failure to follow the policy could result in disciplinary action up to and including expulsion from the meeting.

Divisional Activities (DAC)

Michael J. Morello, chair, reported that DAC is conducting a pilot program with the *ACS Presentations on Demand* Coordinating Editor regarding a new type of recorded meeting content – three to five-minute videos (*ACS POD Shorts*) that focus on the most notable aspects of a full-length presentation; voted to fund eight Innovative Project Grants, totaling \$33,750; and is developing a process to more readily permit divisions to benefit from one another's innovations.

Operating as a DAC subcommittee, the Multidisciplinary Program Planning Group is proposing the following 2018-2019 national meeting themes to the divisions for their consideration: "Energy Solutions and the Environment" (spring 2018), "Chemistry – from Bench to Market," (fall 2018), and "Chemistry for New Frontiers," (spring 2019).

Local Section Activities (LSAC)

Martin D. Rudd, chair, reported that LSAC presented the 2013 Awards for Outstanding Performance for Local Sections at the 16th Annual ChemLuminary Awards to six local sections represented by size category, and also presented awards for best activity or program on stimulating membership involvement, most innovative new activity or program, local section partnership, and a joint DAC/LSAC Award. Also, reviews of the 182 annual reports submitted have been completed.

LSAC will award 14 Innovative Project Grants (IPG) totaling \$30,033, bringing the 2014 total to 33 IPG awards totaling over \$70,000. LSAC will also be offering grants during the fall to assist local sections with hosting a strategic planning retreat or a Leadership Development System course in their section, and to assist with travel to the 2015 ACS Leadership Institute. National Chemistry Week will be held October 19-25 with the theme, "The Sweet Side of Chemistry: Candy".

8. VOTED, on the recommendation of LSAC, and the concurrence of CPC, to dissolve the Ocean County Local Section due to inactivity.

Membership Affairs (MAC)

James M. Landis, chair, reported that as of June 30, the total ACS membership was 158,869, a net increase of 512 since May of this year. The number of international members has grown this year by 312, to almost 25,000. The number of current, unpaid members declined in June and is 13% lower than June 2013. As of

July 1, automatic renewal (on credit card) became available. The committee also voted to extend its current test of an introductory membership offer to those who join the Society at non-ACS conferences and events to include the graduate students and potential Regular Members who attend ACS on Campus events worldwide each year.

Constitution and Bylaws (C&B)

Donna Friedman, chair, reported that C&B certified Bylaws for 10 local sections, one division, and two International Chemical Sciences Chapters since January 1, 2014; has submitted detailed Bylaw reviews and marked-up Bylaws to eight local sections and two divisions, plus expedited Bylaws to two local sections; and modified the model Bylaws for local sections, divisions, and International Chemical Sciences Chapters. LSAC, DAC, and International Activities (IAC), respectively, will be asked to review the changes and approve them no later than their spring 2015 meetings in Denver.

Councilors were reminded to inform their local section or division officers that they should contact bylaws@acs.org for information on how to update bylaws. It is extremely important to follow through until C&B certifies the bylaws on behalf of Council.

There will be no petitions for action in Denver unless an urgent action petition is received.

New petitions to amend the Constitution or Bylaws must be received by the Executive Director by December 3 to be included in the Council agenda for consideration at the spring 2015 meeting in Denver. Councilors were encouraged to submit any draft petitions to C&B at least a month before the deadline, so that C&B can give initial input. Petition guidelines are in Bulletin 5, which is available on the web: www.acs.org/bulletin5.

Reports of Other and Joint Board-Council Committees

Chemistry and Public Affairs (CCPA)

Susan B. Butts, chair, reported that that this year marks 40 years of the ACS Public Policy fellowships. To celebrate, more than 20 former fellows gathered in San Francisco, six of whom spoke about their experiences at a symposium sponsored by CCPA and the Division of Professional Relations. Speakers included senior administrators from NIH and the National Academies, Senate staff, chemistry professors, and industry executives. She encouraged ACS members with an interest in taking a deep dive into the world of public policy to consider applying for the ACS Public Policy fellowships. The deadline to apply for the 2015-2016 fellowships is December 31, 2014. More information can be found at www.acs.org/policyfellow.

Environmental Improvement (CEI)

Laura Pence, chair, reported on the outstanding programming relating to Chemistry and Global Stewardship that was offered at the San Francisco meeting. The committee also assisted the Division of Environmental Chemistry (ENVR) in the observance of ENVR's centennial, and presented the ChemLuminary Award for Outstanding Sustainability Activities to the Louisiana Local Section. CEI continues to review existing policy statements to keep them fresh and relevant and to explore emerging areas of interest where ACS can offer the expertise of its members.

Ethics (ETHX)

Gregory Ferrence, chair, reported that ETHX has strengthened its relationship with the National Center for Professional & Research Ethics, which is tied to the Education and Materials Subcommittee action plan to

develop resource materials; is committed through its Communications and Awareness subcommittee to producing a twice-yearly newsletter to showcase current Ethics Committee endeavors; and through its Programming and Screening subcommittee is seeking to co-sponsor or help embed ethics related content and/or dialog into presentations and symposia. Councilors were urged to contact the committee with opportunities to collaborate with ETHX to deliver crosscutting outcomes.

International Activities (IAC)

H. N. Cheng, chair, reported that at this San Francisco meeting, IAC organized or sponsored seven symposia, convened four soft-skills training sessions for Brazilian young scholars studying in the U.S.A., conducted an experimental networking event for Chinese chemists and allied practitioners, and initiated a 'soft launch' of the ACS International Chemical Sciences Chapter in South Korea.

9. VOTED, on the recommendation of the Committee on International Activities (IAC), with the concurrence of the Council Policy Committee (CPC) and subject to approval by the Board of Directors, to establish an International Chemical Sciences Chapter in South Africa.

Professional Training (CPT)

Anne B. McCoy, chair, reported that at this meeting, CPT evaluated 42 periodic reports from currently approved programs, two from programs on probationary status, and one site visit report from a school applying for ACS approval. Four new programs were approved, and one institution was removed from the approved list. The committee held a lunch meeting with chairs from 38 PhD-granting chemistry departments. Among the topics discussed were capstone experiences for undergraduates, individual development plans for graduate students, and the *ACS Directory of Graduate Research*. CPT also concluded discussion of the revision of the *ACS Guidelines for Bachelor's Degree Programs* and voted provisional approval of the draft document. The draft will be distributed to department chairs of chemistry programs this fall. The committee also approved the final report of a survey on chemical information resources that will be published in the committee newsletter and website.

Project SEED

Sandra Bonetti, chair, reported that this year, the committee awarded 28 Project SEED College Scholarships to 17 female and 11 male alumni from 16 states and Puerto Rico. The committee also reviewed key issues that impact Project SEED: issues pertaining to project selection, college scholarship applications, and geographic distribution of the program. To address these impacts, the committee proposed modifications to the current selection process for research projects, reviewed and approved changes to the Scholarship application, and established a Geographic Expansion Subcommittee. At the ChemLuminary Awards, SEED presented the Outstanding Project SEED Program to the Chemical Society of Washington. The committee also established an Ethics Task Force and discussed the implementation of ethics guidelines for Project SEED students as a requirement for all programs.

Public Relations and Communications (CPRC)

David S. Gottfried, chair, reported that the Chemistry Ambassadors program is observing its fifth anniversary. There are currently more than 10,000 Ambassadors. At this meeting, CPRC launched "ChemChamps," an outreach effort still in the pilot stage, as part of the Ambassadors program. Five younger members each gave a 3-minute explanation of their research in a way that would engage non-scientists. This appears to be a great follow up to the encouragement given by Alan Alda at an open Board meeting last year to go forth and make chemistry relevant to the public. CPRC now has new mission statement: "CPRC supports the ACS goal of improving public understanding and appreciation of chemistry's contributions to people's lives." At the ChemLuminary Awards, CPRC presented the Helen Free Award for Public Outreach to Susan V. Olesik of The Ohio State University.

Senior Chemists (SCC)

George Heinze, chair, reported that SCC has approved 22 mini-grants of \$300 each to encourage and support the organization of senior groups at the local section level; the SCC electronic newsletter now has the highest “open” rate of all newsletters published by the Society; and the committee co-organized a very successful day-long symposium, “Innovation in International Collaboration,” with IAC and the Division of Professional Relations.

Technician Affairs (CTA)

Susan Marine, chair, reported that CTA observed its 50th Anniversary at this meeting with a symposium, “The Role of the Chemical Technician Through the Decades,” cosponsored with the Division of Industrial and Engineering Chemistry and the Division of the History of Chemistry. CTA also presented three different awards: a Salute to Excellence at the ACS Diversity reception, two K. Michael Shea awards at the CTA anniversary dinner, and the first CTA ChemLuminary to the Brazosport Local Section. The committee encourages all Society members who serve as technicians to share their stories on the new my.ACS.org website.

Women Chemists (WCC)

Amber Charlebois, chair, reported that WCC sponsored two full-day symposia, “Mom, the Chemistry Professor,” and “Women Leaders of the Global Chemistry Enterprise.” The committee recognized 10 WCC/Eli Lilly Travel awardees, and the 2014 Overcoming Challenges Award recipient. The committee also recognized 10 WCC/Eli Lilly Travel Grant Recipients, and the 2014 Overcoming Challenges Award winner.

Dr. Charlebois informed the Council that Springer Publishing, with direction from four editors and discussion with WCC, recently published a new book “Mom, the Chemistry Professor” that compiles stories of successful women profession who are also mothers. While the book’s main purpose is in alignment with the goals of WCC, the committee recognizes that some aspects of the book require improvement. Future editions will include a more diverse and inclusive collection of stories.

WCC acknowledged the Puget Sound Local Section, recipient of the ChemLuminary Award for Outstanding Program Aimed at Retaining Women in the Chemical Sciences.

Younger Chemists (YCC)

Douglas Hausner, chair, reported that YCC continues to identify new opportunities for leveraging their social media following via Twitter, Facebook, LinkedIn, and Vine. The committee has developed partnerships with the ACS Office of Public Affairs to help promote the #ChemChamps program and the highly successful “Program in a Box” with ACS Webinars. YCC has secured funding for two “Program in a Box” events for 2015. At this meeting, YCC sponsored the symposium “Advances in Small Molecule Approaches to HIV.”

Dr. Hausner stated that YCC continues to work closely with IAC on expanding interaction with younger chemists around the globe. The next round of the Younger Chemists Crossing Borders Program will continue as ACS younger chemists participate in the 5th Annual EuCheMS Chemistry Congress in Istanbul in late August. A YCC delegation will also travel to Peru for the Congreso Latinoamericano de Química to establish relationships in South America.

New Business

Resolutions

The Council adopted the following resolutions:

10. BE IT RESOLVED That the Council of the American Chemical Society express to the officers and members of the California and Santa Clara Valley Local Section, host sections for the 248th 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 headquarters staff, for the planning and execution that have assured the success of the 248th national meeting.

11. BE IT RESOLVED That the Council of the American Chemical Society expresses to fellow Councilor Madeleine Jacobs on the occasion of her retirement its profound gratitude and respect for her service to the Council, to the Society, and to the profession. She has served for more than a decade as Executive Director and CEO and nearly a quarter century on staff, including eight years as the respected editor of C&EN. The Council notes with thanks her leadership role in expanding services to ACS members, consistently returning a net contribution to the Society, securing the largest fundraising gift in ACS history, ensuring the sustainability of our publishing operations, developing a global strategy for ACS operations, and instituting a process to prioritize Society programs. At all times during her career at ACS, Madeleine has been a champion of diversity programs within ACS, and a role model for women contemplating or working in the chemical professions. She has built an excellent staff team and operated at all times with integrity and transparency. We offer her our sincere best wishes for a long, healthy and happy retirement with her husband Joe and their family, and hope to benefit from her continued involvement in the Society and programs that she so long championed and loved.

12. BE IT RESOLVED That the Council of the American Chemical Society expresses to Thomas J. Barton, President of the Society in 2014, its sincere appreciation for his service as its presiding officer, and its gratitude for his 52 years of service to the Society. The Council is appreciative of his efforts to encourage new dialogue on methods to improve kindergarten through 12th grade science education in the United States, for his leadership in emphasizing chemistry as a solution to energy extraction challenges, and for his efforts to seek sustainable energy through photocatalytic conversion. The Council also urges continued support for his challenge to all members to engage in promoting the fundamental importance of chemistry and the vital role science plays in all our lives; and advocating on behalf of chemistry to the nonscientific public so that better informed decisions are made on critical issues. The Council extends to President Barton, his wife Betty, and sons Brett and Ralph, its best wishes in their future endeavors, and for his continuing professional and personal achievements.

There being no further business, the meeting adjourned at 11:07 a.m.

Flint H. Lewis
Secretary