

**DRAFT
MINUTES
COUNCIL**
AMERICAN CHEMICAL SOCIETY
March 25, 2015
Denver, Colorado

The Council of the American Chemical Society met in Denver, Colorado, on March 25, 2015, beginning at 8:03 a.m. Diane Grob Schmidt, President of the Society and of the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives were present:

Ex-Officio: John E. Adams, Thomas J. Barton, George M. Bodner, Bruce E. Bursten, William F. Carroll, Jr., Pat N. Confalone, Thomas M. Connelly, Jr., Helen M. Free, Thomas R. Gilbert, Ned D. Heindel, Rigoberto Hernandez, Nancy B. Jackson, Paul W. Jagodzinski, Thomas H. Lane, Flint H. Lewis, Ingrid Montes, E. Ann Nalley, Donna J. Nelson, Attila E. Pavlath, Dorothy J. Phillips, Elsa Reichmanis, Barbara A. Sawrey, Diane Grob Schmidt, Kathleen M. Schulz, Bassam Z. Shakhashiri, Edel Wasserman, Marinda Li Wu.

Bylaw: Carol B. Libby.

Divisions: *Agricultural & Food Chemistry*, Michael Appell, John W. Finley, Michael J. Morello, Agnes M. Rimando. *Agrochemicals*, Rodney M. Bennett, Jeanette M. Van Emon. *Analytical Chemistry*, Kimberly Agnew-Heard, Michelle V. Buchanan, M. Bonner Denton, Al Ribes*. *Biochemical Technology*, Arindam Bose, Theresa A. Good, Sadettin Ozturk, Ranjan Srivastava*. *Biological Chemistry*, Erin E. Carlson, Christine S. Chow, Wendy L. Kelly. *Business Development & Management*, Janet L. Bryant, Michael Hurrey. *Carbohydrate Chemistry*, Anthony S. Serianni. *Catalysis Science and Technology*, Charles H.F. Peden. *Cellulose and Renewable Materials*, Kevin J. Edgar, Lucian A. Lucia. *Chemical Education*, Renée S. Cole, Melanie M. Cooper, Resa M. Kelly, Ellen J. Yeziarski. *Chemical Health & Safety*, Joseph M. Pickel*, Frankie K. Wood-Black. *Chemical Information*, Bonnie Lawlor, Andrea B. Twiss-Brooks. *Chemical Toxicology*, Penny Beuning, Steven E. Rokita*. *Chemistry & The Law*, James C. Carver, Alan M. Ehrlich. *Colloid & Surface Chemistry*, Eric M. Furst, Tina M. Nenoff, Robert D. Tilton. *Computers in Chemistry*, Luke E.K. Achenie*, Emilio X. Esposito, Peter C. Jurs, Henry L. Woodcock, III*. *Energy & Fuels*, Joe D. Allison, Kathleen C. Gregar*. *Environmental Chemistry*, V. Dean Adams, Alan W. Elzerman, Jurgen H. Exner, 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, Mary K. Engelman, Melanie J. Moser. *Inorganic Chemistry*, Marina A. Petrukhina, Silvia Ronco, William B. Tolman. *Medicinal Chemistry*, Jane V. Aldrich, William J. Greenlee, Carrie Haskell-Luevano*, Amy S. Ripka. *Nuclear Chemistry & Technology*, Silvia S. Jurisson, Graham F. Peaslee. *Organic Chemistry*, Huw M.L. Davies, Scott R. Gilbertson, Cynthia A. Maryanoff, Brian M. Stoltz. *Physical Chemistry*, Teresa L. Head-Gordon, Ellen B. Stechel, Angela K. Wilson, Theresa L. Windus. *Polymer Chemistry*, Frank D. Blum, Mary Ann Meador, Robert B. Moore, John Pochan. *Polymeric Materials: Science & Engineering*, Anthony J. Dias, Benny D. Freeman, Julie L.P. Jessop, 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. *Ames*, Malika Jeffries-El. *Auburn*, Konrad Patkowski**. *Baton Rouge*, Bryan K. Franklin. *Binghamton*, Wayne E. Jones, Jr. *Brazosport*, Carolyn Ribes. *California*, G. Bryan Balazs, Mark D. Frishberg, Sheila Kanodia, Lee H. Latimer, Alex M. Madonik, Eileen M. Nottoli, Paul F. Vartanian, Elaine S. Yamaguchi. *California Los Padres*, Albert C.

*Alternate Councilor

**Temporary Substitute Councilor

Census. **Carolina-Piedmont**, Matthew K. Chan, Daniel Rabinovich. **Central Arizona**, Douglas J. Sawyer. **Central Arkansas**, Martin D. Perry. **Central Massachusetts**, Christopher Masi. **Central New Mexico**, Kristin M. Omberg, Donovan R. Porterfield. **Central New York**, Alyssa C. Thomas. **Central North Carolina**, Gail H. Webster, 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**, C. Marvin Lang. **Chattanooga**, Verrill M. Norwood, III. **Chemical Society of Washington**, Joseph M. Antonucci, Christopher W. Avery, Elise A. Brown, Regina J. Cody, Monika I. Konaklieva, John M. Malin, Kim M. Morehouse, Jason E. Schaff, Stefanie S. Wittenberg. **Chicago**, Charles E. Cannon, Kenneth P. Fivizzani, Michael G. Koehler*, Fran K. Kravitz, Josh W. Kurutz*, Margaret S. Levenberg, Milt Levenberg, Avrom C. Litin*, Inessa Miller, 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, Michael D. Mosher, Susan M. Schelble. **Columbus**, Edmund T. King, Donald C. Songstad, Virginia H. Songstad. **Connecticut Valley**, Ronald D. Archer, Kevin R. Kittilstved, Laura E. Pence, Julianne M.D. Smist, Frank J. Torre. **Cornell**, Thomas A. McCarrick. **Corning**, Roger F. Bartholomew. **Dallas-Fort Worth**, Linda D. Schultz, E. Thomas Strom. **Dayton**, Steven Trohalaki. **Decatur-Springfield**, Harry J. Elston. **Delaware**, Tiffany N. Hoerter, Martha G. Hollomon, Nora S. Radu*, Margaret J. Schooler. **Detroit**, Mark A. Benvenuto, James M. Landis, Jr., Walter O. Siegl. **East Central Illinois**, Amy Nicely. **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**, Mary G. Galinato*. **Florida**, Béla S. Buslig, Carmen V. Gauthier. **Georgia**, Lissa Dulany, David S. Gottfried, Donald G. Hicks*, Terence E. Say. **Greater Houston**, Carolyn A. Burnley, Amber S. Hinkle, Mamie W. Moy, David M. Singleton. **Green Mountain**, Willem R. Leenstra. **Hampton Roads**, Lisa S. Webb. **Heart O'Texas**, Darrell G. Watson. **Huron Valley**, Ellene T. Contis, Harriet Lindsay. **Idaho**, Raymond P. Anderson*. **Illinois Heartland**, Gregory M. Ferrence. **Illinois-Iowa**, Richard G. Rogers. **Indiana**, Brian M. Mathes, Robert A. Pribush. **Indiana-Kentucky Border**, Jeffery W. Seyler. **Inland Northwest**, Jeffrey A. Rahn. **Iowa**, Addison Ault. **Kalamazoo**, Lydia E.M. Hines. **Kanawha Valley**, Michael W. Fultz*. **Kansas City**, William G. Gutheil, Eckhard Hellmuth. **Kentucky Lake**, Charles M. Baldwin. **Lake Superior**, Donald K. Harriss. **Lehigh Valley**, Jeanne R. Berk, Lorena Tribe. **Lexington**, Mark Blankenbuehler. **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**, George W. Ruger. **Midland**, Tina M. Leaym, Dale J. LeCaptain. **Milwaukee**, Kevin W. Glaeske, Joseph J. Piatt. **Minnesota**, Lynn G. Hartshorn, Sarah M. Mullins, Danae R. Quirk Dorr, Wayne C. Wolsey. **Mobile**, William M. Reichert. **Mojave Desert**, Peter Zarras. **Mo-Kan-Ok, The Tri-State**, Khamis S. Siam. **Montana**, Janice E. Alexander. **Nashville**, Judith M. Iriarte-Gross, Ruth A. Woodall. **Nebraska**, James M. Takacs. **New Haven**, Gerald J. Putterman, Kap-Sun Yeung*. **New York**, Ronald P. D'Amelia, Brian R. Gibney, Barbara R. Hillery, Neil D. Jespersen, Hiroko I. Karan, Joan A. Laredo-Liddell, Anne T. O'Brien, Patricia A. Redden, Frank Romano. **North Alabama**, Ewa Ciszak*. **North Carolina**, James L. Chao, Alvin L. Crumbliss, Richard A. Palmer, Melissa A. Pasquinelli, Laura S. Sremaniak. **North Jersey**, Amy M. Balija, Jeannette E. Brown, Amber F. Charlebois, Alan B. Cooper, Jacqueline A. Erickson, Stan S. Hall, Elizabeth M. Howson, Ronald Kong*, Diane Krone, Cecilia E. Marzabadi*, William H. Suits. **Northeast Georgia**, Susan D. Richardson. **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, Leland L. Johnson, Jr.*, Doris I. Lewis, Robert L. Lichter, Patricia A. Mabrouk, Kenneth C. Mattes, Andrew Scholte*, Mary Jane Shultz, Michael Singer, Anna W. Sromek*, Ruth E. Tanner. **Northeastern Ohio**, Sarah S. Preston. **Northern New York**, Vinay Likhite**. **Northern Oklahoma**, Joe D. Allison*. **Northwest Central Ohio**, Hafed A. Bascal*. **Northwest Louisiana**, Brian A. Salvatore. **Oklahoma**, Allen W. Aplett. **Ole Miss**, Jason E. Ritchie. **Omaha**, Richard B. Lomneth. **Orange County**, Robert S. Cohen, Sanda P. Sun, Sandra P. Thompson*. **Oregon**, Richard L. Nafshun.

Orlando, Darlene K. Slattery. **Ozark**, Eric Bosch. **Panhandle Plains**, Mary E. Graff. **Penn-Ohio Border**, Doris L. Zimmerman. **Permian Basin**, Kathryn Louie. **Philadelphia**, Anthony W. Addison, Georgia A. Arbuckle-Keil, Melissa B. Cichowicz, Deborah H. Cook, Ella L. Davis, Anne S. DeMasi, Rick Ewing, Mark A. Forman, Kathryn A. Lysko, James K. Murray, Jr., Kathleen T. Shaginaw, John Tierney. **Pittsburgh**, Richard S. Danchik, Robert Mathers, Vincent M. Mautino, Michelle M. Ward. **Portland**, Angela Hoffman, Marcie J. Merritt. **Princeton**, Allen N. Jones, Louise M. Lawter. **Puerto Rico**, Néstor M. Carballeira, Agnes Dubey, Angela M. Gonzalez Medreros. **Puget Sound**, Gary D. Christian, Craig B. Fryhle, Gregory L. Milligan, Mark Wicholas. **Red River Valley**, Harmon B. Abrahamson. **Rhode Island**, Peter J. Bonk. **Richland**, Anna G. Cavinato*. **Rio Grande Valley**, Keith H. Pannell. **Rochester**, D. Richard Cobb, Todd E. Pagano. **Rock River**, Dennis N. Kevill. **Sabine-Neches**, John A. Whittle. **Sacramento**, John R. Berg, Dena J. Chubbic. **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 Gorgonio**, Eileen M. DiMauro, J. Ernest Simpson. **San Joaquin Valley**, Melissa L. Golden. **Santa Clara Valley**, Linda S. Brunauer, George J. Lechner, Howard M. Peters*, Sally B. Peters, 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. **South Central Missouri**, Jyoti K. Malhotra. **South Florida**, Milagros Delgado, George H. Fisher, Zaida C. Morales-Martinez. **South Jersey**, Jennifer L. McCulley. **South Texas**, Thomas R. Hays. **Southeastern Pennsylvania**, Gregory P. Foy. **Southern Arizona**, Steven L. Brown. **Southern California**, Brian B. Brady, Thomas R. LeBon, Virgil J. Lee, Sofia Pappatheodorou*, Eleanor D. Siebert, Barbara P. Sitzman. **Southern Illinois**, Rachel Morgan Theall. **Southern Indiana**, Kenneth G. Caulton. **Southern Nevada**, Kazumasa Lindley*. **Southwest Georgia**, Linda de la Garza*. **St. Joseph Valley**, Kayode D. Oshin*. **St. Louis**, Lisa M. Balbes, Lawrence Barton, Donna G. Friedman, Alexa B. Serfis. **Susquehanna Valley**, Dee Ann Casteel. **Tampa Bay**, Thomas A. Jackman, Russell K. Odland*. **Texas A&M**, David E. Bergbreiter. **Toledo**, Andrew D. Jorgensen. **Trenton**, Benny C. Chan, Matthew C. Crowe. **University of Arkansas**, Neil T. Allison. **University of Missouri**, Justin R. Walensky. **Upper Ohio Valley**, Kevin Pate. **Upper Peninsula**, David M. Myton*. **Virginia**, Kristine S. Smetana, Ann M. Sullivan, Linette M. Watkins. **Virginia Blue Ridge**, W. Gary Hollis, Jr. **Wabash Valley**, Edward A. Mottel. **Wakarusa Valley**, Joseph A. Heppert. **Washington Idaho Border**, Richard V. Williams. **Western Carolinas**, Lucy P. Eubanks, George L. Heard. **Western Connecticut**, Dhia A. Habboush**, 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**, Amanda H. Coffman**. **Wisconsin**, Allen D. Clauss*, Ieva L. Reich. **Wooster**, Judith C. Amburgey-Peters*. **Wyoming**, Jane V. Thomas*.

Nonvoting Councilors: Susan Ainsworth, Elizabeth P. Beckham, Brian A. Bernstein, Susan B. Butts, Bibiana Campos-Seijo, Bonnie A. Charpentier, H.N. Cheng, Brian D. Crawford, Denise L. Creech, Alicia E. Harris, Madeleine Jacobs, John C. Katz, Mary M. Kirchhoff, Steven R. Meyers, Christi Pearson, Barbara F. Polansky, Max B. Saffell, David T. Smorodin, Simanco R. Staley, Frank E. Walworth, Marleen G. Weidner, Thomas J. Wenzel.

The preceding list of attendees at the Council meeting includes the following: 27 Ex- Officio Councilors; 1 Bylaw Councilor; 85 Division Councilors (77 elected, 8 alternate); 330 Local Section Councilors (294 elected, 32 alternate, 4 temporary); and 22 Nonvoting Councilors (staff and others). Approximately 55 observers were in attendance.

Resolutions

The Council ADOPTED the following resolutions 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. Cherlynlavaughn Bradley, retired from the Amoco Corporation, and Councilor for the Chicago Section from 1993-2014.
- Dr. Maureen Chan, retired from AT&T Bell Labs, and Councilor for the North Jersey Section from 1979-1996 and from 2004-2012, and Ex Officio Councilor from 1997-2002.

2. BE IT RESOLVED That the Board of Directors, Council, and staff of the American Chemical Society note with sadness the passing of their former colleague and friend, Rodney N. Hader. A member of the ACS staff for thirty-eight years, during which he served as Secretary of the Society for eleven years, he contributed significantly to the ACS programs for the benefit of chemists and chemical engineers, and a generation of ACS officers, Councilors, and staff. His encyclopedic knowledge and high standards were admired as were his integrity and valued friendships. The Society's leadership and its staff extend to his wife and family their deepest sympathies in their time of sadness.

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

Approval of Minutes

3. VOTED to approve, as distributed, the minutes of the meeting of August 13, 2014.

Report of Interim Action, Council Policy Committee

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

Election of Elected Committees

D. Richard Cobb, 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 2016: G. Bryan Balazs, Allison A. Campbell, David J. Lohse, and Christopher J. Welch.

5. After each nominee spoke to Council, the Council selected by electronic ballot G. Bryan Balazs and Allison A. Campbell as candidates for President-Elect 2016.

Mr. Cobb introduced the candidates for the Board of Directors, chosen by voting Councilors in District I and District V for the election to be conducted this fall for the term 2016-2018: District I, Thomas R. Gilbert and Laura E. Pence; and District V, John E. Adams and Kenneth V. Fivizzani.

Mr. Cobb then announced the following candidates for Director-at-Large on the Board of Directors: Willem R. Leenstra, Ingrid Montes, Mary Jo Ondrechen, and Thomas W. Smith. The two successful candidates will fill 2016-2018 terms.

Reports of Society Officers

President Diane Grob Schmidt gave an update on several initiatives under her presidential theme of "Inspiring and Innovating for Tomorrow": a celebration of the 20th anniversary of the ACS Scholars Program; convening a

summit later this year of Chief Technology Officers of major chemical and pharmaceutical companies to interact and share perspectives on a variety of issues critical to the success of the chemistry enterprise; and joint visits to Chief Executive Officers of these companies by ACS Executive Director and Chief Executive Officer Thomas M. Connelly, Jr., to listen to them, assess their needs, and devise how ACS can align its programs and services to better serve industrial chemists.

Dr. Schmidt also reported that she has been working with staff in the Office of the Secretary & General Counsel and Membership & Scientific Advancement to host industry roundtables, which would allow scientific peers to discuss issues affecting their business and their science in a neutral setting. The first roundtable, in August, will center on accelerating innovation in the basic chemicals sector. A second roundtable, in October, will focus on a topic of interest to industry yet to be finalized.

She announced five Presidential symposia scheduled for the Boston national meeting: National Science Foundation Centers for Chemical Innovation; 21st Century Chemistry Education; ACS Scholars in Industry and Academe; Transforming University-Industry Partnerships for an Innovative Future; and The Science and Legacy of Henry Hill.

President-Elect Donna Nelson reported receiving, in response to her emails sent to ACS members during her election campaign, approximately 1,500 emails containing suggestions and comments. She listed several issues identified by ACS members as well as how these issues were being reviewed and/or addressed. Members particularly noted the urgency of the jobs issue, so she is establishing a task force to examine differences between the number of job seekers and jobs available. The task force will begin by reviewing the contributors to the jobs problem, including demographic concerns, public attitudes toward science, STEM salaries, and job differences between STEM disciplines. Dr. Nelson concluded by announcing members of her task force and reminding Councilors that she would appreciate receiving their ideas, concerns, and thoughts.

Immediate Past President Tom J. Barton reported that he has been continuing to advance his initiatives, which include working with staff in the Education Division to provide stipends to incentivize high school chemistry teachers to attend ACS regional meetings, hosting sessions at regional meetings for industrial chemists, holding meetings with the American Chemistry Council, developing plans for a joint task force on community colleges, and working with fellow Board member Ingrid Montes to conduct ACS webinars in Spanish.

Board Chair Pat N. Confalone expressed his gratitude for the opportunity to serve ACS as Chair of the Board, and thanked the previous Chair, William F. Carroll, Jr., for leading the Board in an organized, inclusive, and fruitful search for the new Executive Director and Chief Executive Officer, Thomas M. Connelly, Jr.. Dr. Connelly began his ACS career on February 17, 2015.

The Board received and discussed reports from its Committees on Grants and Awards (G&A), Professional and Member Relations (P&MR), Executive Compensation (CEC), Corporation Associates (CA); the Society Committee on Education (SOCED); and the Joint Board-Council Committee on Publications (PUBS).

On the recommendation of G&A and of the Committee on Science (ComSci), the Board voted to approve a Society nominee for the National Medal of Science. On the recommendation of P&MR, the Board voted to provide nominal sponsorship, without financial commitment, for the "Frontiers of Science Research and Education in the Middle East: A Bridge to Peace" (Malta VII) to be held in Rabat, Morocco, November, 2015.

The Board received an extensive briefing and approved several recommendations from CEC. The compensation of the Society's executive staff receives regular review from the Board.

On the recommendation of SOCED, the Board voted to approve a procedure for the establishment of the inaugural Governing Board for the American Association of Chemistry Teachers (AACT). And on the recommendation of PUBS, the Board voted to approve the reappointment of an Editor-in-Chief for an ACS journal.

At this meeting, Dr. Connelly's direct reports updated the Board on the activities of Chemical Abstracts Service (CAS), the ACS Publications Division, the Society's Treasurer, and the Society's General Counsel. As part of its ongoing commitment to consider key strategic issues facing the Society, the Board held a discussion on improving governance agility. The Board also received an update on the plans for a one-day retreat to be held as part of its June Board meeting.

Executive Director & CEO Thomas M. Connelly, Jr. addressed the Council for the first time as Executive Director & CEO. He provided brief biographical background, stating that he feels honored and privileged to have been selected for the position. He has been constantly impressed by the capability of ACS staff and volunteers, and by the scope and scale of their efforts. As a long-time member of ACS, he has observed and admired the many ways in which the Society has made important contributions to chemistry.

Dr. Connelly reported that financial performance for both CAS and ACS Publications remains strong. With the launch of new CAS products and continued enhancements to SciFinder[®], CAS expects that revenue growth will accelerate in 2015. CAS also achieved record and near-record growth in multiple content areas.

ACS Publications is experiencing sustained growth in manuscript submissions, article publications, web usage, and institutional subscription revenues, and expects an increase in revenue growth in 2015. At this meeting, ACS also showcased ACS Central Science, its Open Access journal, with Carolyn Bertozzi, Editor-in-Chief.

Dr. Connelly reported that more than 1,900 individuals have joined AACT, and urged Councilors to help promote this outstanding organization. ACS is grateful to Dow Chemical Company for providing \$1 million in support to AACT as the Sole Founding Partner.

Finally, he announced that nearly \$2 million in contributions and planned gifts have been pledged to the ACS Scholars Program this year, as that program observes its 20th anniversary.

Reports of Elected Committees

Council Policy Committee (CPC)

Alan M. Ehrlich, committee vice-chair, reported that CPC hosted two orientation programs – a webinar in February and a session at this national meeting – for new Councilors and Alternate Councilors to provide information about ACS governance, roles and responsibilities of Councilors, and how to get involved with committees. The mentoring program established for new Councilors needs volunteers from among experienced Councilors.

CPC approved the *Guidelines for Special Discussion for ACS Council Meetings*; the guidelines will now be made widely available, including on the Councilor site of the ACS Network.

The CPC Subcommittee on Petitions, Constitution and Bylaws, in conjunction with the Task Force on Councilor and Member Duties and Responsibilities, has been preparing two Bylaw changes. One proposed change is up for

consideration at this meeting. It would revise the Society's Bylaws on expulsion of members for "conduct injurious to the Society," which would significantly simplify the current Bylaw procedure while preserving due process. It is likely to be amended with the consent of the petitioners and the revised version will be up for action in Boston.

The other task force petition is still in the drafting stage; it will add Bylaw sections that will provide a process for removing Councilors and Alternate Councilors from office for neglect of duties and other misconduct. It would also authorize Local Sections and Divisions to remove locally elected officers from office for neglect of duties and other misconduct.

Dr. Ehrlich announced that as required by the Society's Bylaws, CPC has set the divisors which will be used to determine how many Councilors each Local Section and Division is entitled for 2016-2019. Official notification will be sent to Local Sections and Divisions well in advance of the Bylaws-required May 1 deadline, in order to accommodate the units' conduct of their elections in 2015. CPC's Long Range Planning Subcommittee is forming a task force to consider whether changes are in order for the calculations and policies, and to implement any recommendations in time for the 2020 election cycle.

In its continuing efforts to help the Society to reduce expenses, CPC is considering alternatives to reduce the printing and mailing costs of the Council Agenda. CPC will be conducting surveys to evaluate potential strategies.

Committee on Committees (ConC)

Wayne Jones, committee chair, reported that ConC conducted its annual New Chairs Training Session in Dallas, Texas, January, 2015, as part of the ACS Leadership Institute; ConC is developing its recommendations for 2016 committee chairs, members, associates, and consultant appointments for consideration by the President-Elect and Chair of the Board; and performance reviews for the committees on Ethics and on Science are complete and are on the Council agenda for action.

6. VOTED, on the recommendation of the Committee on Committees, that subject to the concurrence by the Board of Directors, the Committee on Ethics be continued and that the Committee on Science be continued.

Councilors were reminded to complete their online evaluation preference forms for 2016 for the period March 30 – June 5, 2015, at www.yellowbook.acs.org.

Nominations and Elections (N&E)

D. Richard Cobb, committee chair, reported the results of the morning's elections for President-Elect 2016 (see item 5). 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.

He announced that Councilors voting to select their two candidates for District Director from among four nominees now have the option of voting either electronically or by mail ballot.

N&E has reviewed the distribution of members within the six electoral districts to assure that the districts have equitable representation; that is, the year-end member count of each electoral district must be within 10 percent of the average number of members residing in each district. The December 31, 2014 year-end report was in compliance and no changes are required in the ACS election district boundaries.

The committee developed slates of potential candidates for the CPC and ConC for 2016-2018 terms. The names of the candidates will appear in the Boston fall Council agenda.

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

Kristen M. Omberg, committee chair, reported that for 2014, ACS generated a net from operations of \$17.9 million, which was \$4.2 million favorable to the budget. Total revenue was \$499.0 million, which was \$0.7 million (or 0.1 percent) higher than budget. Expenses ended the year at \$481.1 million, \$3.5 million favorable to budget. This variance was largely attributable to a continued emphasis on expense management across the Society. Despite these favorable operating results, the Society's financial position weakened in 2014, with unrestricted net assets declining \$62.3 million, to \$144.7 million at year-end. The decline was the result of a significant accounting charge (\$93.7 million) related to the Society's two closed post-retirement benefit plans: a Defined Benefit Pension Plan and a Retiree Medical Plan.

Dr. Omberg presented information on the 2016 fully escalated dues calculation and a comparison of ACS dues amounts with those of other scientific societies; ACS falls in the middle in terms of cost and likely will remain there in 2016. The committee voted to recommend to Council that member dues for 2016 be set at the fully escalated rate.

7. VOTED, on the recommendation of the Committee on Budget and Finance, with the concurrence of the Council Policy Committee, that the member dues for 2016 be set at the fully escalated rate of \$162.

Education (SOCED)

Diane Krone, committee chair, reported that more than 1,900 individuals (88 percent of whom are K-12 teachers of chemistry) have joined AACT, which launched last year. As was reported previously, the Dow Chemical Company became the Sole Founding Partner of AACT, with a gift of \$1 million.

SOCED voted to form a task force with the Division of Chemical Education to develop a process for creating performance expectations for college level general chemistry by spring 2016.

Science (ComSci)

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

The committee has collaborated with several ACS committees to develop five public policy statements that were approved by the Board in December 2014. More recently, ComSci led the development of a new draft ACS policy statement on hydraulic fracturing, which will be considered by the Board. Current collaborations include revising ACS policy statements on energy, climate change, and forensic science.

The ACS Board of Directors has approved ComSci's recommendation for the annual Presidential National Medal of Science; the committee will reach out again this spring to elicit suggestions for both the National Medal of Science and the National Medal of Technology and Innovation. Additionally, ComSci will develop recommendations for the French Grand Prix Award for 2016 and the prestigious Dreyfus Prize in the Chemical Sciences for 2017.

Reports of Standing Committees

Meetings and Expositions (M&E)

Will E. Lynch, chair, reported that 10,266 papers were accepted for the 249th National Meeting in Denver. The total attendance to date for this meeting was 13,940. The Exposition had 363 booths with 240 exhibiting companies. This meeting saw the launch of the new ACS Mobile Application that members can use to find meeting information while on site.

M&E has recommended to the Board of Directors that the Early Member Registration Fee for the 2016 national meetings be set at \$41, per the National Meeting Long-Range Financial Plan.

The committee has also recommended to the ACS Board of Directors that Washington, DC, be designated as the site for the fall national meetings in 2025 and 2028. The economic model adopted by M&E in 2013 resulted in a reduction exceeding \$330,000 to convention center lease agreements for each of these meetings. ACS official hotel rates will be far below market value in 2025 and 2028.

M&E also voted to recommend to the Board of Directors that the 2021 National Meeting in Boston be relocated to Atlanta, and that Atlanta also be awarded the spring 2026 National Meeting. The Board of Directors approved these sites. The action to relocate the fall 2021 National Meeting from Boston to Atlanta occurred because of the unfavorable financial package offered by the city of Boston.

Due to space restrictions for the fall 2015 National Meeting in Boston, there will be no exemptions from the Even Programming rules.

As part of the continuing sustainability effort by ACS and to encourage the use of the ACS Mobile Application and on-line program, M&E has decided to discontinue free distribution of the hard copy program book starting in 2016. A fee of \$10 per program book for early registration, with onsite pickup during the meeting, will be established, and a \$20 per program book fee will be established for those attendees who wish to purchase a book on-site. The PDF version of the national meeting program will be more prominently displayed on the ACS website for those who would like to print portions for themselves.

Following the report there was a lengthy discussion on revenue supporting National Meetings and the incremental cost adjustment used in the calculations to determine the Early Member Registration Fee.

8. VOTED to respectfully request that the Board of Directors delay the implementation of the technical meeting additional fee to the meeting registration fee, until the Board presents an analysis (preferably at the Boston National Meeting) of the projected break even fee, including and excluding the net revenue from the National Meeting Exposition.

Divisional Activities (DAC)

Michael J. Morello, committee chair, reported that DAC, in partnership with the Committee on International Activities (IAC), continues to develop a plan to help divisions identify, evaluate, and if appropriate, engage international scientists. The ultimate goal is to provide a toolkit for divisions to recognize and successfully pursue international opportunities.

The committee received an update from staff on the Meeting Abstracts Programming System on a number of steps being taken to improve the application's performance.

DAC voted to fund ten Innovative Project Grants (IPG) totaling \$54,000. The committee will consider another set of IPG proposals during the Boston National Meeting in August.

The committee continues to implement a plan designed to permit divisions to share and benefit from one another's best practices.

DAC, M&E, and P&MR continue to collaborate to review, and if necessary, update the Society's policy governing the use of devices to capture and/or disseminate content delivered at national meetings. Recent survey results expressed support for the current policy, but also indicated interest in amending the current policy to permit presenters – at their discretion – to authorize audience members to capture and disseminate content.

Local Section Activities (LSAC)

Martin D. Rudd, committee chair, recognized the following sections for their anniversaries in 2014: 50th – Southern Illinois; 75th – Western Maryland; and 100th – the Ames and Virginia sections.

Local Section annual reports for 2014 have been completed by 146 of 185 sections. LSAC awarded 15 IPGs totaling \$38,389, and to date has given nine mini-grants of \$300 each to Local Sections that attended the 2015 Leadership Institute to partner with neighboring sections to host an activity that would bring value to all members in a specific geographic region. The committee also reviewed proposals for the Bridging the Gap: Teachers of Chemistry K-12 Nano-Grant, and will fund 16 grants totaling \$4,000.

A preliminary review of the Local Section allotment formula was conducted; LSAC does not anticipate recommending any changes to the formula in 2016.

LSAC is developing a process and communication plan to assist with the annexation of unassigned territories adjacent to multiple sections. Local Sections can expect to receive details about this in the fall.

Membership Affairs (MAC)

James M. Landis, committee chair, reported that MAC continues to focus on new efforts to recruit and retain members. The past three years had disappointing results as the domestic job market for chemists has stagnated and yet, the Society continues to attract large numbers of new members each year and a growing student and global population.

MAC approved a recommendation from staff to ask individuals who have been receiving the 50 percent graduate Student Discount for four years or more if they are still graduate students so they can receive the correct dues renewal. The current renewal process does not provide an opportunity for graduate students to change their status after graduation except by contacting ACS Member Services.

The current MAC-approved tests in progress are described and updated in the committee's written in the Council agenda. In cooperation with CAS and ACS Publications, MAC approved an Enterprise Model test to include memberships as part of institutional packages including other Society offerings. These enterprise model packages could be customized for industrial, academic, or government institutions.

In addition, the committee was pleased to endorse ACS President Diane G. Schmidt's matching gift campaign for faculty from the Ph.D.-granting U.S. institutions to give ACS membership as an award to their outstanding students in chemistry. Councilors were invited to participate in the Member-Get-A-Member program and Local Sections were invited to be active in the 2015 President's Challenge.

MAC reviewed the Petition on Preferential Voting and the Petition on Member Expulsion, both up for consideration at this meeting, and voted in favor of both.

Economic and Professional Affairs (CEPA)

William R. Ewing, committee chair, reported that the results from the *2014 New Graduate Survey* show that the unemployment rate for new graduate chemists has dropped to 12.4 percent from 14.9 percent in the 2013 survey, principally due to more new bachelor degree chemists finding employment. ACS members experienced three successive years of lowered unemployment, which could indicate a positive outlook for chemists in coming years. While unemployment is down, salaries have been stagnant overall.

CEPA received an update on the progress of data collection for the ACS ChemCensus 2015 launched earlier this year. So far 5,000 responses have been received, but many more are needed. The results serve as an important diagnosis on the overall health of the chemistry economy and enterprise. Councilors were encouraged both to participate, and to urge their colleagues to participate in the ACS ChemCensus 2015.

The ACS Career Navigator continues to grow in its branding, print materials, digital campaigns, social media, and blogs. In 2014, the programs, products, and services that comprise the Navigator, reported over 10,000 substantial interactions with ACS members and potential members.

CEPA renewed two career consultants and approved two new career consultants, bringing the total to 70. The ACS Career Fair and the Virtual Career Fair at this meeting featured 23 Career Pathway workshops, 218 mock interviews, and 368 resume reviews.

Constitution and Bylaws (C&B)

James C. Carver, committee chair, reported that last year C&B certified 23 bylaws, the second largest number of bylaws certified in any year. Since the beginning of this year, C&B has certified six bylaws. Since the 2014 fall meeting in San Francisco, C&B has submitted detailed bylaw reviews to 10 Local Sections and five Divisions.

Councilors were reminded that certified bylaws and status reports are posted for referral on ACS's website at www.acs.org/bulletin5.

The two petitions that are in the Council agenda for consideration at this meeting will be up for action in Boston. Petitioners also have the option to request that Council consider an urgent-action petition.

New petitions to amend the Constitution or Bylaws must be received by the Executive Director by April 29 to be included in the Council agenda for consideration at the fall 2015 meeting in Boston. Petitioners are encouraged to send any draft petition to C&B at least a month before the deadline for initial input.

Reports of Other and Joint Board-Council Committees

Women Chemists (WCC)

Amber F. Charlebois, committee chair, reported that WCC sponsored a symposium highlighting the accomplishments of 10 early-to-mid-career women chemists as the recipients of the Rising Star Award. The committee recognized eight WCC/Eli Lilly Travel awardees as a continuation of the student award program that is aimed at attracting women into the chemical sciences. WCC also congratulated Dr. Angela Wilson, the 2015 recipient of the Francis P. Garvan-John M. Olin medal and keynote speaker at the WCC luncheon.

Members of WCC have been involved as contributing authors and editors for the second edition of the book, "Mom the Chemistry Professor," published by Springer.

WCC, in collaboration with Merck, is developing a new Research Award that will fund the travel for eight female graduate students to present their research at each fall ACS National Meeting.

The Non-Tenure Track Faculty Task Force of the WCC is working on issues affecting non-tenure track faculty, which include a higher percentage of women than tenured and tenure track faculty. Recent efforts included working with ACS groups on how data related to these faculty and instructional staff are collected within Society surveys and reports.

Professional Training (CPT)

Thomas J. Wenzel, committee chair, reported that CPT evaluated 39 periodic reports from currently approved programs and held conferences with two departments beginning the process of applying for ACS approval. Site visit reports from four programs seeking approval were reviewed and CPT approved three new programs. There are currently 681 colleges and universities offering ACS-approved Bachelor's Degree Programs in chemistry.

The new *2015 ACS Guidelines for Bachelor's Degree Programs* were approved at CPT's winter meeting. The major changes in this edition include increasing the minimum number of faculty from four to five, an expanded requirement for instrument holdings, increased flexibility in the contact hour requirement for faculty and laboratory instructors, increased expectations that programs promote a safety culture, and required coverage in the certified degree of two of the following systems: synthetic polymers, biological macromolecules, supramolecular aggregates, and meso- or nanoscale materials. At this meeting, the committee voted to approve updated versions of the five disciplinary supplements to the ACS Guidelines covering analytical, biochemistry, inorganic, organic, and physical chemistry, which will be published on the ACS website.

The committee devoted a substantial portion of this meeting to reviewing and updating the various forms used to evaluate programs that are applying for approval and to the development of CPT's strategic plan for 2015-17.

A subcommittee discussed strategies to improve the consistency of program reviews as the new guidelines are implemented and the membership of CPT changes.

A progress report was given on the status of the CPT survey of Ph.D. Recipients and the publication of the 9th edition of *Planning for Graduate Work in the Chemical Sciences*. The committee finalized plans to meet with the Visiting Associates and Chairs of Ph.D. departments at the ACS fall National Meeting in Boston.

International Activities (IAC)

H. N. Cheng, committee chair, reported that the committee received, reviewed and approved five-year reports from the international chapters in Hong Kong, Hungary, Malaysia, Romania, Saudi Arabia, and Shanghai. In addition, the committee reviewed and approved new chapter applications initiated by ACS members in Brazil, Nigeria, Peru, and the United Arab Emirates.

IAC received two applications to establish International Chemical Sciences Chapters in India and Taiwan. Both applications have strong local champions and support of their national chemical societies.

9. VOTED, on the recommendation of the Committee on International Activities, with the concurrence of the Council Policy Committee and subject to approval by the ACS Board of Directors, to establish an International Chemical Sciences Chapter in India.

10. VOTED, on the recommendation of the Committee on International Activities, with the concurrence of the Council Policy Committee and subject to approval by the ACS Board of Directors, to establish an International Chemical Sciences Chapter in Taiwan.

Environmental Improvement (CEI)

Laura E. Pence, committee chair, reported that CEI continues to focus its attention on increasing ACS leadership related to sustainability in the chemistry enterprise, doing much of its best work through establishing partnerships with a wide array of ACS units.

CEI awarded Local Section Sustainability Grants to three Local Sections: the Cornell Local Section, to bring programming on green chemistry and sustainability to the 2015 Northeastern Regional meeting; the Kalamazoo Local Section, to support similar programming at the joint Great Lakes/Central Regional Meeting; and the Midland Local Section, to support a project in collaboration with an organization called Creative 360, which focuses on community food production.

At the Boston National Meeting with the support of the ACS President, CEI will present a debate focusing on the controversies about the best strategies for climate-related mitigation and adaptation. CEI and the Division of Environmental Chemistry have jointly established a project to provide grant support for programming around climate change at regional meetings.

CEI also is supporting a symposium at PacifiChem in December, 2015, through the Division of Industrial and Engineering Chemistry.

The committee continues to review existing ACS policy statements to keep them relevant and to explore emerging areas of interest where the Society can contribute the expertise of its members. CEI approved recommendations to the Board to establish new public policy statements on Hydraulic Fracturing and on Water Treatment and Conservation.

Chemistry and Public Affairs (CCPA)

Susan B. Butts, committee chair, reported that CCPA works to motivate and inspire ACS member participation in government affairs at both the federal and state levels, encouraging members to visit policymakers in Washington and their home districts, and to contact their legislators through the Act4Chemistry Legislative Action Network.

She shared one example of the power of ACS member engagement: the effort to secure the 2014 National Chemistry Week resolution by the United States Senate, sponsored by Senators Chris Coons (D-Del.) and Pat Toomey (R-Penn.). The extra effort invested by ACS members from the Pittsburgh, Philadelphia, and Lehigh Valley Local Sections that persuaded their respective Senators to ensure that the resolution had bipartisan sponsorship, helped underscore that science is an issue where both parties can come together. Additionally, the door that ACS members opened by each contacting their Senators' office has remained open for ACS staff, who continue to work with Senators on other issues important to the chemistry enterprise.

New Business

Resolution

The Council adopted the following resolution:

BE IT RESOLVED That the Council of the American Chemical Society express to the officers and members of the Colorado Local Section, host Section for the 249th 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 249th National Meeting.

There being no further business, the meeting adjourned at 11:25 a.m.

Flint H. Lewis
Secretary