

**DRAFT
MINUTES
COUNCIL**
AMERICAN CHEMICAL SOCIETY
March 19, 2014
Dallas, Texas

The Council of the American Chemical Society met in Dallas, Texas, on March 19, 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, Ronald Breslow, Bruce E. Bursten, William F. Carroll, Jr., Charles P. Casey, Bonnie A. Charpentier, Pat N. Confalone, Helen M. Free, Thomas R. Gilbert, Ned D. Heindel, Rigoberto Hernandez, Catherine T. Hunt, Nancy B. Jackson, Madeleine Jacobs, Valerie J. Kuck, Thomas H. Lane, Flint H. Lewis, Ingrid Montes, E. Ann Nalley, Attila E. Pavlath, Eli M. Pearce, Dorothy J. Phillips, Elsa Reichmanis, Barbara A. Sawrey, Diane Grob Schmidt, Kathleen M. Schulz, Bassam Z. Shakhashiri, Edel Wasserman, Marinda Li Wu.

Bylaw: Judith H. Cohen, Catherine C. Fenselau, Sara J. Risch.

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*, Michelle V. Buchanan, M. Bonner Denton, Roland F. Hirsch, Donna Nelson*. *Biochemical Technology*, Arindam Bose, Kurt A. Brorson*, Theresa A. Good, Sharon P. Shoemaker. *Biological Chemistry*, Christine S. Chow, Thomas J. Magliery, Nicole S. Sampson. *Business Development & Management*, Janet L. Bryant, Michael Hurrey. *Carbohydrate Chemistry*, Derek Horton, John R. Vercellotti. *Cellulose and Renewable Materials*, Kevin J. Edgar. *Chemical Education*, Renée S. Cole, Sally B. Mitchell*, Ellen J. Yeziarski. *Chemical Health & Safety*, Robert H. Hill, Jr., Russell W. Phifer. *Chemical Information*, Helen Anne Lawlor, Andrea B. Twiss-Brooks. *Chemical Toxicology*, Steven E. Rokita*. *Chemistry & The Law*, James C. Carver, Alan M. Ehrlich. *Colloid & Surface Chemistry*, Eric M. Furst, Tina M. Nenoff, Maria M. Santore. *Computers in Chemistry*, Emilio X. Esposito, Peter C. Jurs, Ralph A. Wheeler. *Energy & Fuels*, Archibald C. Buchanan, III, Martin L. Gorbaty, Lisa Houston, Umit S. Ozkan*. *Environmental Chemistry*, V. Dean Adams, Dionysios D. Dionysiou*, Alan W. Elzerman, 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*, Spiro D. Alexandratos, Melanie J. Lesko, Mary K. Moore, Connie J. Murphy*. *Inorganic Chemistry*, Debbie Crans**, James K. McCusker, Silvia Ronco, Sheila R. Smith*. *Medicinal Chemistry*, Jane V. Aldrich, John Butera*, William J. Greenlee. *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, Steven E. Wheeler*, Angela K. Wilson. *Polymer Chemistry*, Frank D. Blum, William H. Daly, Mary Ann Meador, John Pochan. *Polymeric Materials: Science & Engineering*, Benny D. Freeman, David J. Lohse, Theodore Provder*, 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*, Edward J. Parish*. *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, Elaine S. Yamaguchi. *California Los Padres*, Albert C. Censullo. *Carolina-Piedmont*, Matthew K. Chan, Daniel Rabinovich. *Central Arizona*, Richard C. Bauer. *Central*

*Alternate Councilor

**Temporary Substitute Councilor

Arkansas, Martin D. Perry. *Central Massachusetts*, Christopher Masi. *Central New Mexico*, Donovan R. Porterfield. *Central North Carolina*, 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, Elise A. Brown, Regina J. Cody, Michael P. Doyle, John M. Malin, Kim M. Morehouse, Jason E. Schaff, Robert J. Wiacek, Jennifer Young Tanir. *Chicago*, Cherlynlavaughn Bradley, Charles E. Cannon, David S. Crumrine, Kenneth P. Fivizzani, Herbert S. Golinkin, Fran K. Kravitz, Margaret Stowell Levenberg*, Milt Levenberg, 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*, Donald C. Songstad, Virginia H. Songstad, Jeffrey B. Trent*. *Connecticut Valley*, Ronald D. Archer, Kevin M. Shea, Julianne M.D. Smist, Frank J. Torre, Ronald J. Wikholm. *Cornell*, Thomas A. McCarrick. *Corning*, Roger F. Bartholomew. *Dallas-Fort Worth*, Mary E. Anderson, Linda D. Schultz, E. Thomas Strom. *Dayton*, Steven Trohalaki. *Decatur-Springfield*, Harry 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*, 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*, Adrienne M. Gilbert. *Florida*, Béla S. Buslig, Carmen V. Gauthier. *Georgia*, Lissa Dulany, David S. Gottfried, Donald G. Hicks*, Terence E. Say. *Greater Houston*, Simon G. Bott, Carolyn A. Burnley, Amber S. Hinkle, Mamie W. Moy, David M. Singleton, Kerry K. Spilker. *Green Mountain*, Willem R. Leenstra. *Hampton Roads*, Lisa S. Webb. *Hawaii*, T. Blake Vance, Jr. *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. *Kalamazoo*, Lydia E.M. Hines. *Kanawha Valley*, Madan M. Bhasin. *Kansas City*, William G. Gutheil, Eckhard Hellmuth. *Kansas State University*, Yasmin Patell**. *Kentucky Lake*, Charles M. Baldwin. *Lake Superior*, Donald K. Harriss. *Lehigh Valley*, Pamela D. Kistler, Carol B. Libby. *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*, Bob A. Howell, Tina M. Leaym. *Milwaukee*, Kevin W. Glaeske, Joseph J. Piatt. *Minnesota*, Marilyn D. Duerst, Lynn G. Hartshorn, Sarah M. Mullins, Danae R. Quirk-Dorr, Wayne C. Wolsey. *Mississippi*, G. Reid Bishop. *Mobile*, Lesli W. Bordas. *Mojave Desert*, Peter Zarras. *Mo-Kan-Ok, The Tri-State*, Khamis S. Siam. *Montana*, Kyle S. Strode. *Nashville*, Judith M. Iriarte-Gross, Ruth Ann Woodall. *Nebraska*, James M. Takacs. *New Haven*, Olivier Nicaise, Gerald J. Putterman. *New York*, Donald D. Clarke*, Ronald P. D'Amelia, Brian R. Gibney, Neil D. Jespersen, Hiroko I. Karan, Joan A. Laredo-Liddell, Anne T. O'Brien, Patricia A. Redden, Frank Romano. *North Carolina*, James L. Chao, Alvin L. Crumbliss, Melissa A. Pasquinelli, Laura S. Sremaniak, Alan E. Tonelli*. *North Jersey*, Jeannette E. Brown, Amber F. Charlebois, Jacqueline A. Erickson, Stan S. Hall, Elizabeth M. Howson, Diane Krone, Fangbiao Li*, Michael M. Miller, Joseph A. Potenza, Monica R. Sekharan, William H. Suits, Jefferson W. Tilley*. *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, Christine H. Jaworek-Lopes*, Katherine L. Lee, Doris I. Lewis, Robert L. Lichter, Kenneth C. Mattes, Jackie J. O'Neil, Norton P. Peet*, Mary J. Shultz, Michael Singer, Ruth E. Tanner. *Northeastern Ohio*, Sarah S. Preston*. *Northern New York*, Richard Partch**. *Northern Oklahoma*, Joe D. Allison*. *Northern West Virginia*, Harry Finklea**. *Northwest Central Ohio*, Hafed A. Bascal*. *Northwest Louisiana*, Brian A. Salvatore. *Oklahoma*, Allen W. Apblett. *Ole Miss*, Jason E. Ritchie. *Omaha*, Richard B. Lomneth. *Orange County*, Robert S. Cohen, Rabin D. Lai, Sanda P. Sun. *Oregon*, Richard L. Nafshun. *Orlando*, Darlene K. Slattery. *Ozark*, Eric Bosch. *Panhandle Plains*, Mary E. Graff. *Penn-Ohio Border*, Doris

L. Zimmerman. *Pensacola*, Allan M. Ford. *Permian Basin*, Kathryn Louie. *Philadelphia*, Anthony W. Addison, Georgia Arbuckle-Keil, Melissa B. Cichowicz, Deborah H. Cook, Judith N. Currano, Ella L. Davis, Anne S. DeMasi, Rick Ewing, Mark A. Forman, Kathryn A. Lysko, James K. Murray, Jr., Kathleen T. Shaginaw. *Pittsburgh*, Richard S. Danchik, Joseph D. Jolson*, Vincent M. Mautino. *Portland*, Angela Hoffman, Marcie J. Merritt*. *Princeton*, Louise M. Lawter. *Puerto Rico*, Néstor M. Carballeira, Agnes Dubey. *Puget Sound*, Gary D. Christian, Gregory L. Milligan, Mark Wicholas, Neal A. Yakelis*. *Purdue*, Suzanne C. Bart. *Red River Valley*, William R. Shay*. *Rhode Island*, Peter J. Bonk. *Richland*, Richard A. Hermens. *Rio Grande Valley*, Keith H. Pannell. *Rochester*, D. Richard Cobb, Richard W. Hartmann. *Rock River*, Dennis N. Kevill. *Sabine-Neches*, John A. Whittle. *Sacramento*, Janan M. Hayes. *St. Louis*, Lisa M. Balbes, Lawrence Barton, Donna G. Friedman, Alexa B. Serfis. *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*, J. Ernest Simpson, Laurie Starkey*. *San Joaquin Valley*, Melissa L. Golden. *Santa Clara Valley*, Abigail Kennedy, George J. Lechner, David R. Parker*, 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., Scott R. Goode. *South Florida*, Milagros Delgado, George H. Fisher. *South Jersey*, Guenter Niessen. *South Plains*, Bruce R. Whittlesey*. *South Texas*, Thomas R. Hays. *Southeastern Pennsylvania*, Gregory P. Foy. *Southern Arizona*, Steven L. Brown. *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 Nevada*, John Gerlach**. *Southwest Georgia*, Subhash C. Goel. *Susquehanna Valley*, Dee Ann Casteel. *Tampa Bay*, Marie Bourgeois, Thomas A. Jackman. *Texas A&M*, David E. Bergbreiter. *Toledo*, Brenda K. Snyder*. *Trenton*, Bruce S. Burnham, Benny C. Chan. *University of Missouri*, Justin R. Walensky. *Upper Ohio Valley*, Kevin Pate. *Upper Peninsula*, Martin Thompson. *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*, Edward J. Caliguri*, L. Kraig 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. *Wyoming*, John O. Hoberg.

Nonvoting Councilors: Brian A. Bernstein, Karl S. Booksh, Susan B. Butts, H.N. Cheng, Denise L. Creech, Mary M. Kirchhoff, A. Maureen Rouhi.

Noncouncilors: Elizabeth P. Beckham, Peter K. Dorhout, Brian J. Dougherty, Alicia E. Harris, David E. Harwell, John C. Katz, William A. Lester, Jr., Christopher K. Ober, Christi Pearson, Barbara F. Polansky, Henry F. Schaefer, David T. Smorodin, Simanco R. Staley, Frank E. Walworth, Marleen G. Weidner.

The preceding list of attendees at the Council meeting includes the following: 31 Ex- Officio Councilors; 3 Bylaw Councilors; 83 Division Councilors (71 elected, 11 alternate, 1 temporary); 328 Local Section Councilors (297 elected, 26 alternate, 5 temporary); 7 Nonvoting Councilors; and 15 Noncouncilors (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. Albert W. Burgstahler, Professor Emeritus of chemistry at the University of Kansas, and Councilor for the University of Kansas Section from 1965-1968.
- Dr. Malcolm Renfrew, Professor Emeritus of chemistry at the University of Idaho, and Councilor for the Division of Paint, Plastics and Printing Ink Chemistry 1949-50; Division of Chemical Marketing and Economics 1960-61; and Washington-Idaho Border Section from 1970-1989.
- Dr. Lucile E. Decker, former Senior Associate Editor in the Biochemistry Department at Chemical Abstracts Service, and Councilor for the Columbus Section from 1977-1979, 1985-1987, and 1991-1996.
- Dr. Paul H. Terry, retired research chemist for the United States Government, and Councilor for the Chemical Society of Washington Section from 1982-1993 and 1997-2008.

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 September 11, 2013.

Report of Interim Action, Council Policy Committee

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

Election of Elected Committees

D. Richard Cobb, chair, Committee on Nominations and Elections (N&E), introduced the following nominees for selection as candidates for President-Elect 2015, and candidates for election to the Board of Directors.

4. In accordance with the provisions of Bylaw III, Sec. 3, b, (1), (b), N&E presented the following nominees for selection as candidates for President-Elect 2015: Peter K. Dorhout, William A. Lester, Jr., Christopher K. Ober, and Henry F. Schaefer III. After each nominee spoke to Council, the Council selected by electronic ballot Peter K. Dorhout and William A. Lester, Jr. as candidates for President-Elect 2015.

Mr. Cobb introduced the candidates for the Board of Directors, chosen by voting Councilors in District III and District VI for the election to be conducted this fall for the term 2014-2016: District III, Pat N. Confalone and Anne S. DeMasi; and District VI, Paul W. Jagodzinski and Lee H. Latimer.

Mr. Cobb then announced the following candidates for Director-at-Large on the Board of Directors: Dawn A. Brooks, William F. Carroll, Jr., Barbara A. Sawrey, and Ellen B. Stechel. The two successful candidates will fill 2015-2017 terms.

Reports of Society Officers

President Tom Barton reported that in his first month as President he visited Thailand, where in addition to delivering a scientific lecture at the Pure and Applied Chemistry International Conference (PACCON), he held discussions with some members of ACS's Thailand International Chemical Sciences Chapter. He also visited Malaysia and took part in an all-day ACS BOOST Program (Building Opportunity Out of Science & Technology). Earlier this year, he also travelled to the Rio Piedras campus of the University of Puerto Rico for their first ACS on Campus event, which was a big success.

Dr. Barton announced that this summer he will attend the IUPAC International Conference on Green Chemistry in South Africa, and in preparation for this event, he will be trained for several days at the Green Chemistry Summer

School in Golden, Colorado. This has led him to think about ways to introduce students to green chemistry and to the idea of presenting students with actual or imagined industrial processes and asking them to produce alternative processes. His intention is to obtain these problems from our membership and to use C&EN, chemistry blogs, and cash rewards to gain submissions.

Finally, Dr. Barton said he has received correspondence from many people from industry who expressed the view that the ACS didn't have enough to offer them. This is an issue of serious concern, and he and President-Elect Diane Schmidt will be organizing one or more sessions with concerned industrial members to listen to their concerns, and to resolve issues, as best as possible. They will use a jointly authored Comment in C&EN, blogs, and contacts with Councilors to get the word out for suggestions.

President-Elect Diane Grob Schmidt stated that it is an honor to be entrusted with the office of president, and pledged to execute her responsibilities in a way that brings additional luster to the world's largest scientific society. She identified three major areas of focus during her years in the presidential succession: helping to change the conversation in the media and the public around chemicals and the chemical industry; issues related to the education of our youth, especially those expressed through the new American Association of Chemistry Teachers (AACT), which ACS is launching later this year; and working with ACS committees, local sections, and technical divisions along with ACS staff, including Membership & Scientific Advancement staff, to help increase awareness of the value of ACS to industrial scientists.

Dr. Schmidt also announced a presidential symposium at the Boston national meeting in 2015 that will highlight the importance of education at multiple levels - formal, informal, and international.

Immediate Past President Marinda Li Wu reported that she continues to receive invitations to visit members in the U.S. and overseas, and continues work on "Partners for Progress and Prosperity" initiatives. Last fall, she hosted with the Office of International Activities a summit meeting for current ACS International Chemical Sciences Chapters to share best practices. This spring, an ACS Symposium Series book based on the work of the ACS Presidential Task Force "Vision 2025" was released.

Dr. Wu recently returned from a trip to India where she visited universities, institutes, companies, and government officials of the science and technology communities. She said there is much interest in the ACS pilot program for discounted dues for members from India, and in furthering collaborations with ACS with a proposed International Chemical Sciences Chapter in Mumbai.

Finally, she announced there will be a symposium at the 2014 fall national meeting in San Francisco on "Women Leaders from the Global Chemistry Enterprise." She is also soliciting and has received positive feedback on a new "Partners for Progress and Prosperity" Award for Regional Meetings involving ACS's local sections, divisions, and international chemical sciences chapters, and other organizations.

Board Chair William F. Carroll, Jr., thanked all members of Council who participated in the Open Board Meeting on Sunday, March 16. Board members continue to be pleased by the turnout and quality of these discussions.

The ACS Board of Directors considered a number of key strategic issues and responded with several actions. It approved a Society nomination for the National Medal of Science and approved several recommendations from its Committee on Executive Compensation. The compensation of the Society's executive staff receives regular review from the Board. As part of this process, goals for 2014 were reviewed and discussed. The working group on Society Program Portfolio Management briefed the Board on its activities. The group is charged with delivering a process for evaluating Society programs in the divisions of Membership & Scientific Advancement, Education, and the Office of the Secretary and General Counsel (Office of Public Affairs) for the purpose of understanding the full portfolio of ACS activities.

The Executive Director and Chief Executive Officer and her direct reports updated the Board on ACS finances and financial trends, the launch of the recently approved AACT, and the activities and plans of Chemical Abstracts Service (CAS) and the ACS Publications Division. Specifically, CAS has a new strategic plan created by CAS President Manuel Guzman and his team.

In other business, the Board approved a resolution congratulating Robert Massie on his retirement at the end March for 21 years of successful leadership of CAS. The Board also expressed its gratitude and thanks to Madeleine Jacobs, Executive Director and CEO, who on March 6 announced her plan to retire at the end of the year. The Board has begun a discussion of the process and logistics of identifying and hiring her successor, and expects to have a process in place and ready for execution by the June 2014 Board meeting. As a part of that process, Dr. Carroll will soon be contacting members of Council for their input on a draft position and the proposed process.

Executive Director and CEO Madeleine Jacobs focused her report on opportunities and strategies for growth for ACS in two areas: membership and scientific publishing. The thread connecting these two areas is an expanded global presence for the Society. ACS membership should reflect where chemists are employed and that chemical scientists are conducting interdisciplinary research and solving global problems throughout the world. Ms. Jacobs said that we can and must attract industrial members by offering excellent programs that meet their needs and those of their employers. Although 24,000 of our 161,000 members live outside the U.S., we can do more to attract international scientists to join our Society. Many parts of ACS are working on programs to reach out to these two constituencies. Last year, ACS on Campus programs were held at 20 non-U.S. universities with ACS resources, journals, and research tools. The new virtual ACS International Center is rich with content and has heavy visitor traffic.

In the area of scientific publishing, the diversity of chemistry and increasing research output is well reflected in our growing portfolio of 44 journals, with more than 83 million articles disseminated online worldwide in 2013. Nearly 70 percent of the more than 39,000 articles were contributed by authors from abroad. CAS databases, which are underpinned by SciFinder and STN, also reflect growing numbers of new molecules, reactions, and patents created by scientists from outside the U.S.

On behalf of the Board of Directors, staff in 2013 undertook an in-depth study focusing on countries in the so-called BRICKS nations - Brazil, Russia, India, China, Korea, and South Africa - as well as emerging economies. The study identified growth opportunities in membership and scientific publishing and provided recommendations for action, which the ACS Board of Directors adopted in December. Staff is working with governance on a multi-year implementation plan.

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 (39 attendees) and a session at this meeting (67 attendees) – 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 considered a number of recommendations from its subcommittees and task forces and responded with several actions.

With the advice and consent of N&E, CPC approved guidelines for how a committee can request from CPC the use of a Council meeting to collect data through informal surveys conducted by the audience response system (aka “clickers”).

On the recommendation of the Task Force to Review Councilor Travel Reimbursement Policy, CPC approved an increase in the base reimbursement and inflation escalator and will forward this to B&F for consideration and recommendation to the Board of Directors.

CPC approved the recommendations from the N&E-CPC Joint Task Force on Election Timelines and Procedures to slightly revise procedures for national elections; in particular, to shorten some timelines and to give potential petition candidates access to ACS communications earlier in the process if they inform ACS that they are circulating petitions. None of the changes adopted require Bylaws changes.

The Task Force on Councilor/Member Duties and Conduct is continuing work on Bylaws authorizing removal of Councilors and Alternate Councilors from office for neglect of duties; procedures under discussion include that a Local Section or Division would recommend such removal to Council, a committee of Council, or specifically to CPC for consideration of appropriate action. The procedures must provide for due process. The task force is also continuing work on revising the Bylaw for expelling members from ACS for “conduct that in any way tends to injure the Society or affect adversely its reputation, or which is contrary to or destructive of its objects” (Article IV, Sec. 3). The intent is to streamline an unwieldy procedure, not in expectation of any need to discipline members.

CPC voted to support the following action items for this meeting: a proposal from the Committee on Committees (ConC) that the Committees on Chemical Safety (CCS), on Chemistry and Public Affairs (CCPA) and on Minority Affairs (CMA) be continued subject to concurrence by the Board of Directors; the revision of the formula to distribute division funding as proposed by the Committee on Divisional Activities (DAC); the absorption of the territory of the former Monmouth Local Section by the North Jersey Local Section as recommended by the Committee on Local Section Activities (LSAC); the recommendation by the Committee on Budget and Finance (B&F) that the membership dues be increased for 2015 to \$158 from the current \$154; and the establishment of ACS Chemical Sciences International Chapters in Malaysia and South Korea, as proposed by the Committee on International Activities (IAC). CPC voted to authorize the Special Discussion topic for this meeting “*What can ACS do to increase the quality of science education in grades K-12?*”

Committee on Committees (ConC)

Dawn A. Brooks, committee chair, reported that ConC conducted its annual New Chairs Training Session in Dallas, Texas, January 24-26, 2014, 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; and performance reviews for CCS, CCPA, and CMA are complete and are on the Council agenda for action.

5. VOTED, on the recommendation of the Committee on Committees (ConC), and subject to concurrence by the Board of Directors, that the Committee on Chemical Safety (CCS), the Committee on Chemistry and Public Affairs (CCPA) and the Committee on Minority Affairs (CMA) be continued.

Councilors were reminded to complete their online evaluation preference forms for 2015 for the period April 7 – June 9, 2014, at www.yellowbook.acs.org.

Nominations and Elections (N&E)

D. Richard Cobb, committee chair, reported the results of the morning’s elections to the Council Elected Committees (see item 4). All candidates, including the two elected by Council today and any other petition candidates certified by the July 15 deadline, will be placed on the ballot this fall.

N&E has reviewed the distribution of member population within the six electoral districts to assure that the districts have equitable representation, that is, the year-end member population of each electoral district must be within 10 percent of the average number of members residing in each district. The December 31, 2013 year-end report was not in compliance, but with the new redistricting that went into effect January 1, 2014, we should be in compliance by year-end 2014.

The committee developed slates of potential candidates for the CPC and ConC for 2015-2017 terms. The names of the candidates will appear in the San Francisco fall Council agenda.

The Task Force on Campaign Services and the Joint N&E/CPC Task Force on Election Timelines both continue to consider improvements to the election process so that nominees and candidates are served more effectively.

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

Bonnie A. Charpentier, committee chair, reported that for 2013, ACS generated a Net from Operations of \$15.1 million, which was \$2.0 million favorable to the budget. This represents the Society's tenth consecutive year of positive operating results. Total revenue was \$490.5 million, which was \$8.8 million (or 1.8 percent) lower than budget, and essentially flat when compared with 2012. The result was largely attributable to cost containment measures throughout the ACS. Unrestricted Net Assets rebounded in 2013, rising to \$207 million, and more than doubling from the 2012 level.

Dr. Charpentier presented information on the 2015 fully escalated dues calculation, and also a comparison of ACS dues amounts with those of other scientific societies, wherein ACS falls in the middle in terms of cost and likely will remain there in 2015. The committee voted to recommend to Council that member dues for 2015 be set at the fully escalated rate.

6. VOTED, on the recommendation of the Committee on Budget and Finance (B&F), with the concurrence of the Council Policy Committee (CPC), that the member dues for 2015 be set at the fully escalated rate of \$158.

Education (SOCED)

Charles Baldwin, committee vice-chair, reported that SOCED approved a pilot program to form ACS International Student Chapters; received an overview of and update on the American Association of Chemistry Teachers (AACT), which will serve K-12 teachers of chemistry with resources, networking, and professional development; and voted to establish a new ChemLuminary Award for Outstanding U.S. National Chemistry Olympiad programs, to begin in 2015.

SOCED also received an update from staff in the Office of Public Affairs on activities related to federal and state science education policy. The committee discussed three expiring policy statements that address the teaching of evolution, the importance of hands-on laboratory activities, and visa restrictions. SOCED supports continuing the evolution statement without change, subject to Board approval. SOCED appointed working groups to revise the policy statements on hands-on activities and visa restrictions. The policy statement on visa restrictions will be revised in collaboration with IAC.

Science (ComSci)

Barry Streusand on behalf of the chair, Katherine C. Glasgow, reported on three important areas: identifying and promoting efforts at the frontiers of science, recommending eminent chemists for prestigious awards outside of ACS, and developing public policies to advance science in society.

ComSci identified advanced materials and the chemistry of clean and renewable energy as multidisciplinary areas that hold great promise for fostering innovation and opportunities for chemistry-related scientists worldwide. The committee will work with technical divisions and other groups to develop special forums at the 2015 and 2016 national meetings and supporting the multidisciplinary program for future meetings.

ComSci also will continue to hold broad forums of eminent scientists and young investigator awardees to help illuminate emerging frontiers in science. This will include a young investigator awardee forum scheduled for the San Francisco national meeting in August.

The ACS Board of Directors has approved ComSci's recommendations for the annual Presidential National Medal of Science, and for the Grand Prix Award in France.

The ComSci-led policy statement on forensic science adopted just last year has gained recent traction in both the U.S. House and Senate. The committee recently assumed a lead role for the development of a new policy statement on responsible fracking in collaboration with other ACS committees; and is also lending expertise toward policy statements on visa and immigration policy, sustainability, scientific integrity, federal R&D, and a competitive U.S. business climate for innovation and jobs.

Special Discussion Item

The Council engaged in a special discussion on "What can ACS do to increase the quality of science education in grades K-12?" In his introductory remarks, Dr. Barton stated that his concerns are not so much directed toward convincing more students to pursue chemistry as a career, but that he is more interested and concerned on the level of science knowledge of the entire population of the country. For decades there have been enough task forces, summit meetings, and blue ribbon commissions on this subject, but far too little has actually occurred as a result. We live in a terribly complex, technological world today which no one has any hope of understanding without scientific knowledge, and all students, regardless of their professional aspirations, need a solid K-12 science education. He invited Councilors to share their thoughts on what they perceive to be problems that need to be addressed, and offered several factors that impact the quality of science education in secondary schools in the U.S.: students, politics, state control of education, length of school year, teachers' unions, interscholastic sports, and parents.

Following the presentation, nearly 40 Councilors offered comments on this focused topic made several suggestions. Dr. Barton concluded the discussion by informing Council that a summary would be sent to all ACS Council-related committees. They would be encouraged to consider and evaluate which proposed ideas would have the most promise, and work toward their implementation.

Reports of Standing Committees

Membership Affairs (MAC)

James M. Landis, committee chair, reported that MAC continues to focus on new efforts to recruit and retain members. The trend in 2014 is positive year-to-date, and the committee is optimistic for the year overall. Last year, several MAC-approved tests were conducted under the Bylaw provisions, and there was discussion of two additional tests at this meeting. The first was international pricing strategies, specifically India, which addresses the income disparity between chemists in India and the U.S. and will allow for a \$52 full Member dues rate. This introductory test for 2014 was extended to include new and renewing members in India for three years. MAC also voted unanimously to request that staff develop proposals for tests of group membership models in collaboration with Chemical Abstracts Service and the ACS Publications Division.

The committee discussed the existing ACS member expulsion policy and member code of conduct, and agreed that ACS should have an enforceable expulsion policy that protects ACS and all members. The chair will work with CPC on this issue.

Three new affinity partners that will provide benefits for our members were added: Lenovo Computers, Budget Truck Rental, and Office Max.

Finally, Councilors were invited to participate in the Member-Get-A-Member program and Local Sections were encouraged to be active in the 2014 President's Challenge.

Economic and Professional Affairs (CEPA)

Louise Lawter, committee chair, reported that the new one-stop online shop, "ACS Career Navigator", was officially launched at this meeting, and brings together ACS's leadership development, professional education, career services, and market intelligence resources under one unified brand. Enhancements will continue to be introduced through year end.

The ACS Career Fair and the Virtual Career Fair at this meeting featured 32 workshops and hundreds of mock interviews and resume reviews.

Findings from the *ACS 2013 New Graduate Survey* have been compiled and reveal some troubling news. Overall unemployment among new graduates rose from 12.6 percent in 2012 to 14.9 percent in 2013. This is primarily due to the high unemployment among the recent Bachelors.

The highest paid graduates are employed full-time in Development and Design with a median salary of \$62,000 followed closely by Professional Services at \$56,000 and Management at \$45,000.

The median salary of inexperienced Bachelors is down slightly from 2012, moving from \$40,000 to \$39,560 in 2013. Salaries for inexperienced Ph.D.s are down from a median of \$80,000 in 2012 to \$75,750 in 2013.

For the second year in a row the gender wage gap between inexperienced full-time permanent workers got smaller; males made \$44,000 in 2013 while females made a median of \$40,000. In 2012, this gap was \$6,000, and in 2011 the gap was \$8,000.

These findings indicate that new graduates must be at the top of our priority list for employment assistance in 2014.

In the fall, CEPA will ask Council approval for the newest revision of the *ACS Professional Employment Guidelines*.

Meetings and Expositions (M&E)

Will E. Lynch, chair, reported that 10,050 papers were accepted for the 247th National Meeting in Dallas, TX. The total attendance to date for this meeting was 13,680. The Exposition had 376 booths with 246 exhibiting companies. This meeting saw the launch of the new ACS Mobile Application that members can use to find meeting information while on site. Initial reports indicate a very favorable reaction to this new attendee benefit; at the Dallas meeting there were more than 6,000 downloads made by attendees.

M&E has recommended to the ACS Board of Directors that San Francisco be designated as the site for the fall national meetings in 2023 and 2026, and the spring meeting in 2029. This block of meetings was approved to strengthen the ACS position when negotiating the convention center lease. If this pilot program with San Francisco proves a benefit to the Society, M&E anticipates expanding this block scheduling to additional Tier 1

cities. The committee also recommended the spring 2023 and 2024 national meetings be sited in Indianapolis and New Orleans, respectively. M&E is also considering reinstating Chicago as a future national meeting site pending more investigation.

The committee received an update on the replacement of PACS, which is the current abstract submittal system. The new system is on target to be launched in August 2014 for the spring 2015 Denver national meeting.

Lastly, M&E voted to eliminate the author index in the hard copy program book beginning with the spring 2015 meeting in Denver.

Divisional Activities (DAC)

Michael J. Morello, committee chair, reported that as required by the Bylaws, DAC voted to recommend to Council a revised formula for allocating dues funds to the divisions, effective with the allocations for 2014 division performance: an increase in the base allotment to 15 percent from 12.5 percent, and a decrease in the total programming allotment to 62.5 percent from 65 percent. The intent is to provide smaller divisions with more funding to produce 1-2 additional sessions each year.

7. VOTED to postpone the implementation of the revised formula for allocating dues funds by one year, to 2015.

8. VOTED, on the recommendation of the Committee on Divisional Activities (DAC), with the concurrence of the Council Policy Committee (CPC), to approve the revised formula for allocating dues funds to the divisions, effective with allocations for 2015 division performance.

DAC voted to fund 16 Innovative Project Grants (IPG) totaling \$84,000. The committee will consider another set of IPG proposals at the San Francisco national meeting; the deadline for that round of submissions is July 1, 2014.

The committee updated its process for acting on division name change requests. The document will be posted on the DAC website no later than April 1, and is also available upon request.

DAC is partnering with the IAC to catalog the divisions' best practices to engage international scientists. This is part of our efforts to support the Society as it develops a strategy to increase international collaboration.

The Multidisciplinary Program Planning Group, operating as a DAC subcommittee, proposed the following 2017 national meeting themes to the divisions for their consideration: "Advanced Materials, Technologies, Systems and Processes" (spring, San Francisco) and "Chemistry's Impact on the Global Economy" (fall, Washington, DC).

Local Section Activities (LSAC)

Martin D. Rudd, committee chair, recognized the following sections for their anniversaries in 2014: 50th – South Plains; 75th – Baton Rouge, Green Mountain, Illinois Heartland, Memphis, Penn-York, Sioux Valley, and Texas A&M; and 100th – Maryland.

Local section annual reports for 2013 have been completed by 154 of 186 sections. LSAC awarded 19 Innovative Project Grants totaling \$40,475, and to date has given five mini-grants of \$300 each to local sections that attended the 2014 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 is also developing a funding opportunity that will encourage local sections to host activities and events that will promote the new ACCT and other chemistry-related K-12 educational resources.

LSAC will initiate the process to dissolve the Ocean County Section as a result of the group's failure to meet the criteria to remain an active section.

LSAC approved the petition for the North Jersey Section to include the area of the former Monmouth County Section in their territory, effective immediately.

9. VOTED, on the recommendation of the Committee on Local Section Activities (LSAC), with the concurrence of the Council Policy Committee (CPC), that the North Jersey Section include the territory of the former Monmouth County Section, effective immediately.

Constitution and Bylaws (C&B)

Donna Friedman, committee chair, reported that last year C&B certified 16 bylaws, the fourth largest number of bylaws certified in any previous year. Since the beginning of this year, C&B certified six bylaws. Since the 2013 fall meeting in Indianapolis, C&B has submitted detailed bylaw reviews to eight local sections and one division.

C&B has a new optional process for expedited bylaw reviews, offering limited customization but faster turnaround than the current three-month's time. A recent request took less than one month from date of request to date of completion.

C&B has also created a new, easier way for local sections and divisions to prepare bylaw revisions for C&B review; these proposed bylaws are not as restrictive as those permitted through the expedited process. The unit must first indicate its desire to update its bylaws. C&B would then offer to create a first draft of proposed bylaw changes for consideration by the unit. Alternatively, the unit may still prepare its own draft changes for C&B review. Councilors were asked to inform their local section or division officers to contact bylaws@acs.org for information on how to update bylaws.

There will be no petitions for action in San Francisco, unless an urgent action petition is received.

New petitions to amend the Constitution or Bylaws must be received by the Executive Director by April 23 to be included in the Council agenda for consideration at the fall 2014 meeting in San Francisco. We encourage you to send your draft petition to C&B at least a month before the deadline, so that C&B can give initial input. Note that petition guidelines are in Bulletin 5, which is available on the web: www.acs.org/bulletin5.

Reports of Other and Joint Board-Council Committees

Chemical Safety (CCS)

Robert H. Hill, Jr., committee chair, reported that CCS is forming the Task Force on Safety Education Guidelines. The goal of this task force is to provide guidance for the safety topics and areas that should be taught to secondary, undergraduate, and graduate students, and the competencies that should be attained at various levels of chemistry education.

CCS published its first-ever Safety Alert concerning the Rainbow Demonstration in *Chemical & Engineering News* on March 17, 2014. The use of this demonstration has continued to seriously injure students from flash fires in separate incidents over many years extending back to at least 2002. We ask that the use of this demonstration be discontinued, and the committee urged Councilors to pass on the message to their own local science and university teachers to stop using this demonstration. Alternative methods are provided on the CCS website.

Chemists with Disabilities (CWD)

Karl Booksh, committee chair, reported that in collaboration with the Rochester Institute of Technology's National Technical Institute for the Deaf, CWD has updated and digitized the committee's publication, *Teaching Chemistry to Students with Disabilities*. This new format should be accessible by the end of April 2014 and linked to the CWD website.

Merck has graciously volunteered to support a CWD Travel Award for two to three students with disabilities per year to present their research at ACS national meetings.

In San Francisco, the committee will be rolling out traveling posters that highlight scientists with disabilities and their accomplishments. CWD anticipates 12 posters in all; the first three will be Thomas Edison, Joseph Priestley, and Sir Humphrey Davy.

CWD acknowledged and thanked the Executive Director and staff for forming an accessibility working group. The group is focusing on addressing the accessibility of ACS media. Among other activities, this working group is drafting an accessibility statement for the Society, promoting captioning of presentations and videos, and collecting data to better understand the needs of ACS members.

Community Activities (CCA)

George L. Heard, committee chair, announced that copies of *Celebrating Chemistry*, a product of the ACS Department of Volunteer Support in conjunction with CCA, were placed on the chairs at Council. This issue is in advance of Chemists Celebrate Earth Day (CCED), the theme of which is “The Wonders of Water”, exploring the unique properties of water that are crucial for life and a cleaner environment. Local Sections can order up to three boxes (750 copies) of this publication, which contains safety-vetted articles and activities that are appropriate for fourth through sixth grade students. The publication is also available in Spanish. More information can be found on the newly-redesigned CCED webpage at www.acs.org/earthday.

CCA held a strategic planning retreat in November and developed a new vision and mission, which were adopted at this meeting. The vision of CCA is “Improving the public understanding and appreciation of chemistry through excellence in outreach”, and the mission is “Supporting ACS members and volunteers by facilitating safe, fun and effective community outreach”.

During this meeting, the committee also voted on a theme title for CCED 2015, “Climate Science: More than Just a Weather Report”.

The outreach event at this national meeting was held at the Perot Museum of Nature and Science in Dallas. Forty-five volunteers from student groups and members of CCA presented eight tables of hands-on activities, reaching an estimated 400 members of the public.

Local Section Councilors were asked to ensure their section has a member of the Society appointed as CCED and National Chemistry Week coordinator.

International Activities (IAC)

H. N. Cheng, committee chair, reported that last fall in Indianapolis, IAC held a retreat with all committee members, associates, and staff, and identified six high-priority and high-impact activities for 2014 and beyond: build an international younger chemists network; provide continuing support for student exchanges and programs; continue to help with scientific mobility issues; continue to interact and collaborate with sister chemical societies; continue to support developing countries; and increase awareness of chemistry in the world.

The committee received, reviewed and approved five-year reports from the international chapters in Hong Kong, Hungary, and Saudi Arabia. In addition, IAC heard a report on the outcome of joint conference organized by the ACS Division of Agricultural and Food Chemistry and ACS Thailand International Chemical Sciences Chapter. This was the first-ever joint ACS technical division and international chapter event and was a notable success.

IAC received two applications to establish International Chemical Sciences Chapters in South Korea and Malaysia, respectively. Geographically, the newly proposed chapters are in the fast-growing Asia Pacific region.

Both applications have strong local champions and the strong support of their national chemical societies. The committee supports these applications and recommends that Council approve the establishment of ACS International Chemical Sciences Chapters in South Korea and Malaysia.

10. 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 ACS Board of Directors, to establish an International Chemical Sciences Chapter in South Korea.

11. 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 ACS Board of Directors, to establish an International Chemical Sciences Chapter in Malaysia.

Minority Affairs (CMA)

Al Ribes, committee chair, reported that at this meeting CMA organized a symposium in partnership with the Division of Energy and Fuels titled, "Fracking and its Impact on our Energy, Security, and the Environment", and co-sponsored a symposium on "Women Chemists of Color in Government".

CMA is organizing a symposium for San Francisco, featuring former awardees of the Stanley C. Israel Award, which recognizes those who have advanced diversity in the chemical sciences. CMA will also co-sponsor a full-day symposium titled, "Advancing the Chemical Sciences through Diversity in Participation", honoring Dr. Rigoberto Hernandez, the 2014 Recipient of the ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences.

The CMA has formed a task force charged with identifying sponsors to finance eligible minority student travel to ACS national meetings.

Finally, the ACS Scholars program is celebrating its 20th Anniversary in 2015. This flagship program of ACS's outreach to minorities has enabled 1,400 students to achieve university degrees in the chemical sciences. Thirty-four are in faculty positions at research universities, 187 have completed a PhD and another 188 are pursuing one. Fifteen have obtained a law degree and are practicing patent law, and 22 are teaching high school chemical science. Well over half are employed by major corporations. Additionally, there are 11 entrepreneurs who have started research, analytical, data, or tutoring companies.

During the Scholar's 20th anniversary next year, CMA will celebrate their accomplishments as well as highlight the success of this program.

New Business

Resolutions

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 Dallas-Fort Worth Local Section, host section for the 247th 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 247th national meeting.

There being no further business, the meeting adjourned at 11:40 a.m.

Flint H. Lewis
Secretary