



www.acs.org

AMERICAN CHEMICAL SOCIETY

Council Agenda

**Wednesday, March 25, 2015
8:00 AM**

Centennial Ballroom D-H

**Hyatt Regency Denver at
Colorado Convention Center Hotel**

Denver, Colorado

COUNCIL
 AMERICAN CHEMICAL SOCIETY
 8:00 AM, March 25, 2015
 Centennial Ballroom D-H
 Hyatt Regency Denver at Colorado Convention Center Hotel
 Denver, Colorado

AGENDA

<u>ITEM</u>	<u>PAGES</u>
I. RESOLUTION HONORING DECEASED COUNCILORS	
II. APPROVAL OF MINUTES OF MEETING OF AUGUST 13, 2014 (attached).....	4-16
III. REPORT OF INTERIM ACTION, COUNCIL POLICY COMMITTEE (attached)	17
IV. NOMINATIONS AND ELECTIONS	
FOR COUNCIL ACTION { A. Nominations for President-Elect (attached).....	18-24
(1) Introduction of nominees for 2016 President-Elect (oral)	
B. Announcement of nominees, District Directors I and V (attached).....	25
(1) Announcement of candidates, District Directors I and V (oral)	
C. Announcement of candidates, Directors-at-Large (attached).....	26-29
D. Request for suggestions, 2017 Society director and officer nominations (attached).....	30-33
E. Ballot counts, previous elections (attached)	34
V. REPORTS OF OFFICERS	
A. President (attached and oral)	35-36
B. President-Elect (attached and oral)	37
C. Immediate Past President (attached and oral)	38
D. Chair of Board of Directors (attached and oral).....	39
(1) Minutes of the August 10, and Report from the December 2014 Board meetings (attached)	40-43
E. Executive Director (attached and oral)	44-46
(1) Report of the Governing Board for Publishing (attached).....	47
VI. REPORTS OF ELECTED COMMITTEES OF THE COUNCIL	
A. Council Policy Committee	
(1) Minutes of the August 12, 2014 meeting (attached)	48-52
(2) Oral report on current activities, Vice-Chair	
B. Committee on Committees (attached).....	53
(1) Oral report on current activities	
FOR COUNCIL ACTION ⇨ (2) Recommendation for continuation of selected committees (oral)	
(3) Request for suggestions for committee assignments (attached)	54
C. Committee on Nominations and Elections (attached)	55
(1) Oral report on current activities	
VII. REPORTS OF SOCIETY COMMITTEES AND THE COMMITTEE ON SCIENCE	
A. Committee on Budget and Finance (attached).....	56
(1) Oral report on current activities	
FOR COUNCIL ACTION ⇨ (2) Recommendation on membership dues for 2016 (attached)	57
B. Committee on Education (attached)	58
(1) Oral report on current activities	
C. Committee on Science (joint with Board) (attached)	59
(1) Oral report on current activities	
VIII. REPORTS OF COUNCIL STANDING COMMITTEES	
A. Committee on Meetings and Expositions (attached).....	60
(1) Oral report on current activities	

ITEM

PAGES

B. Committee on Divisional Activities (attached)..... **61**
 (1) Oral report on current activities

C. Committee on Local Section Activities (attached) **62**
 (1) Oral report on current activities

D. Committee on Membership Affairs (attached)..... **63-64**
 (1) Oral report on current activities

E. Committee on Economic and Professional Affairs (attached) **65-66**
 (1) Oral report on current activities

F. Committee on Constitution and Bylaws (attached)..... **67**
 (1) Oral report on current activities
 (2) Amendments to ACS Bylaws

FOR CONSIDERATION ONLY { (a. Petition on Member Expulsion **68-73**
 Bylaw I, Sec. 5

 (b. Petition on Preferential Voting **74-77**
 Bylaw V, Sec. 2, d, Sec. 3, c, Sec. 4, d and f

IX. REPORTS OF OTHER COMMITTEES

A. Women Chemists (joint with Board) (attached and oral)..... **78**

B. Senior Chemists (joint with Board) (attached) **79**

C. Publications (joint with Board) (attached) **80**

D. Professional Training (joint with Board) (attached and oral)..... **81**

E. Nomenclature, Terminology, and Symbols (attached) **82**

F. Minority Affairs (joint with Board) (attached)..... **83**

G. International Activities (joint with Board) (attached and oral)..... **84-85**

FOR COUNCIL ACTION ⇨ (1) Petitions to charter two new International Chemical Sciences Chapters **86-87**

H. Environmental Improvement (joint with Board) (attached and oral) **88**

I. Community Activities (joint with Board) (attached) **89**

J. Chemistry and Public Affairs (joint with Board) (attached and oral) **90**

K. Chemical Safety (joint with Board) (attached) **91-92**

L. Chemical Abstracts Service (joint with Board) (attached) **93**

X. OLD BUSINESS

XI. NEW BUSINESS

- A. Resolution(s)

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

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

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

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

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

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

*Alternate Councilor

**Temporary Substitute Councilor

Massachusetts, Christopher Masi. *Central New Mexico*, Kristin M. Omberg, Donivan R. Porterfield. *Central New York*, Alyssa C. Thomas. *Central North Carolina*, Timothy D. Ballard, Robert A. Yokley. *Central Ohio Valley*, Gary D. Anderson. *Central Pennsylvania*, Lori S. Van Der Sluys. *Central Texas*, Diane M. Kneeland, Barry J. Streusand. *Central Utah*, Jennifer B. Nielson. *Central Wisconsin*, David E. Lewis**. *Chattanooga*, Verrill M. Norwood, III. *Chemical Society of Washington*, Joseph M. Antonucci, Elise A. Brown, Regina J. Cody, Richard M. Goodman*, John M. Malin, N. Bhushan Mandava*, Kim M. Morehouse, Jason E. Schaff. *Chicago*, Charles E. Cannon, Irene G. Cesa*, David S. Crumrine, Kenneth P. Fivizzani, Herbert S. Golinkin, Michael G. Koehler*, Fran K. Kravitz, Inessa Miller, Barbara E. Moriarty, Susan M. Shih. *Cincinnati*, Bruce S. Ault, Kathleen Gibboney, Roger A. Parker. *Cleveland*, David W. Ball, Dwight W. Chasar. *Coastal Georgia*, Will E. Lynch. *Colorado*, Sandra J. Bonetti, David L. Dillon, Connie Gabel, Helen B. Gerhard*, Susan M. Schelble. *Columbus*, Donald C. Songstad, Virginia H. Songstad. *Connecticut Valley*, Ronald D. Archer, David R. Myers*, Sharon M. Palmer*, Julianne M.D. Smist, Frank J. Torre. *Cornell*, Thomas Ruttledge**. *Corning*, Roger F. Bartholomew. *Dallas-Fort Worth*, Mary Anderson, Linda D. Schultz, E. Thomas Strom. *Dayton*, Steven Trohalaki. *Decatur-Springfield*, Anne M. Rammelsberg. *Delaware*, Tiffany N. Hoerter, Martha G. Hollomon, Nora S. Radu*, Margaret J. Schooler. *Detroit*, Mark A. Benvenuto, James M. Landis, Jr., Walter O. Siegl. *East Central Illinois*, Ellen A. Keiter. *East Tennessee*, Alan A. Hazari. *East Texas*, Michael Sheets. *Eastern New York*, Mary K. Carroll, Warren D. Hull, Jr. *Eastern North Carolina*, Satinder Ahuja. *Erie*, Betty Jo Chitester*. *Florida*, Béla S. Buslig, Carmen V. Gauthier. *Georgia*, Lissa Dulany, David S. Gottfried, Terence E. Say, C. David Sherrill. *Greater Houston*, Amber S. Hinkle, Mamie W. Moy, Kerry K. Spilker, Izabela Tworowska*. *Green Mountain*, Willem R. Leenstra. *Hampton Roads*, Lisa S. Webb. *Heart O'Texas*, Darrell G. Watson. *Huron Valley*, Ellene T. Contis, Harriet Lindsay. *Idaho*, Joshua J. Pak. *Illinois Heartland*, Gregory M. Ferrence. *Illinois-Iowa*, Richard G. Rogers. *Indiana*, Dawn A. Brooks, David Mitchell, Robert A. Pribush. *Indiana-Kentucky Border*, Jeffery W. Seyler. *Inland Northwest*, Jeffrey A. Rahn. *Joliet*, William J. Peacy. *Kalamazoo*, Lydia E.M. Hines. *Kanawha Valley*, Madan M. Bhasin. *Kansas City*, William G. Gutheil, Eckhard Hellmuth. *Kansas State University*, Daniel A. Higgins. *Kentucky Lake*, Charles M. Baldwin. *Lake Superior*, Donald K. Harriss. *Lehigh Valley*, Pamela D. Kistler, Carol B. Libby. *Louisiana*, Alvin F. Bopp. *Louisville*, James F. Tatera. *Maine*, Mitchell R.M. Bruce. *Mark Twain*, Dawood Afzal. *Maryland*, Merle I. Eiss, Dana Ferraris, Jan E. Kolakowski, Paul J. Smith, Stephanie Watson. *Memphis*, Laura M. Wolf. *Michigan State University*, Amy M. Pollock. *Middle Georgia*, Robert J. Hargrove. *Mid-Hudson*, George W. Ruger. *Midland*, Bob A. Howell, Tina M. Leaym. *Milwaukee*, Kevin W. Glaeske. *Minnesota*, Marilyn Duerst, Sarah M. Mullins, Wade A. Neiwert*, Danae R. Quirk Dorr, Wayne C. Wolsey. *Mojave Desert*, Peter Zarras. *Mo-Kan-Ok, The Tri-State*, Khamis S. Siam. *Montana*, Anthony P. Haag**. *Nashville*, Judith M. Iriarte-Gross, Ruth A. Woodall. *Nebraska*, James M. Takacs. *New Haven*, Gerald J. Putterman. *New York*, Donald D. Clarke*, Ronald P. D'Amelia, Brian R. Gibney, Barbara R. Hillery, Hiroko I. Karan, Joan A. Laredo-Liddell, Patricia A. Redden, Frank Romano, Hessy L. Taft*. *North Carolina*, James L. Chao, Alvin L. Crumbliss, Sara N. Paisner*, Laura S. Sremaniak. *North Jersey*, Jeannette E. Brown, Amber F. Charlebois, Alan B. Cooper, Jacqueline A. Erickson, Stan S. Hall, Elizabeth M. Howson, Diane Krone, Les W. McQuire, Joseph A. Potenza, Monica R. Sekharan, William H. Suits. *Northeast Georgia*, Maurice E. Snook*. *Northeast Tennessee*, John Engelman, II. *Northeast Wisconsin*, Martin D. Rudd. *Northeastern*, Michaeline F. Chen, Mukund S. Chorghade*, Catherine E. Costello, Michael P. Filosa, Patrick M. Gordon, Morton Z. Hoffman, Christine H. Jaworek-Lopes*, Leland L. Johnson, Jr.*, Doris I. Lewis, Robert L. Lichter, Jackie J. O'Neil, Andrew Scholte*, Mary Jane Shultz, Michael Singer, Ruth E. Tanner. *Northeastern Indiana*, Ruth E. Nalliah. *Northeastern Ohio*, Carol A. Duane. *Northern New York*, Martin A. Walker. *Northern Oklahoma*, Kristi Fjare. *Northern West Virginia*, Edwin L. Kugler*. *Northwest Central Ohio*, Michael D. Edmiston. *Northwest Louisiana*, Brian A. Salvatore. *Oklahoma*, Allen W. Apblett. *Ole Miss*, Jason E. Ritchie. *Omaha*, D. David Smith**. *Orange County*, Robert S. Cohen, Sanda P. Sun. *Oregon*, Richard L. Nafshun. *Orlando*, Darlene K. Slattery. *Ozark*, Eric Bosch. *Penn-Ohio Border*, Doris L. Zimmerman. *Pensacola*, Allan M. Ford. *Permian Basin*, Kathryn Louie. *Philadelphia*, Anthony W. Addison, Deborah H. Cook, Judith N. Currano, Ella L. Davis, Anne S. DeMasi, Mark A. Forman, Douglas B. Hausner*,

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

Nonvoting Councilors: Rudy M. Baum, Elizabeth P. Beckham, Brian A. Bernstein, James D. Burke, Susan B. Butts, H.N. Cheng, Brian D. Crawford, Denise L. Creech, Brian J. Dougherty, Katherine C. Glasgow, Alicia E. Harris, David E. Harwell, George E. Heinze, John C. Katz, Mary M. Kirchhoff, Susan S. Marine, Anne B. McCoy, Christi Pearson, Laura E. Pence, Barbara F. Polansky, Sophie L. Rovner, Max B. Saffell, David T. Smorodin, Simanco R. Staley, Frank E. Walworth, Marleen G. Weidner.

The preceding list of attendees at the Council meeting includes the following: 25 Ex- Officio Councilors; 2 Bylaw Councilors; 83 Division Councilors (80 elected, 3 alternate); 321 Local Section Councilors (281 elected, 33 alternate, 7 temporary); and 26 Nonvoting Councilors (staff and others). Approximately 55 observers were in attendance

Resolution

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

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

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

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

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

Approval of Minutes

2. VOTED to approve, as distributed, the minutes of the meeting of March 19, 2014.

Election of Elected Committees

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

3. In accordance with the provisions of Bylaw III, Sec. 3, c (3), the Committee on Nominations and Elections presented the following nominees for election to membership on the Committee on Committees beginning in 2015: Spiro D. Alexandratos, Mark A. Benvenuto, Mitchell R.M. Bruce, Judith N. Currano, Jetty L. Duffy-Matzner, Kathleen Gibboney, Helen A. (Bonnie) Lawlor, Zaida Morales-Martinez, Robert A. Pribush, and Patricia A. Redden. By electronic ballot, the Council ELECTED Mitchell R.M. Bruce, Judith N. Currano, Helen A. (Bonnie) Lawlor, Zaida Morales-Martinez, and Robert A. Pribush for the 2015-2017 term.

4. In accordance with the provisions of Bylaw III, Sec. 3, a (3), the Committee on Nominations and Elections presented the following nominees for election to membership on the Council Policy Committee (CPC) beginning in 2015: Lawrence Barton, Dwight W. Chasar, Lynne P. Greenblatt, Martha G. Hollomon, Peter C. Jurs, Pamela D. Kistler, Doris I. Lewis, Christopher Masi, Andrea Twiss-Brooks, and Linette M. Watkins. By electronic ballot, the Council ELECTED Lawrence Barton, Lynne P. Greenblatt, Peter C. Jurs, and Linette M. Watkins for the 2015-2017 term, and Andrea Twiss-Brooks for the remainder of a 2014-2016 term.

5. In accordance with the provisions of Bylaw III, Sec. 3, b (3), the Council Policy Committee presented the following nominees for election to membership on the Committee on Nominations and Elections beginning in 2015: Anthony W. Addison, John W. Finley, Lydia E.M. Hines, Roland F. Hirsch, Robert L. Lichter, Mamie W. Moy, Anne T. O'Brien, Eleanor D. Siebert, Herbert B. Silber, and Ralph A. Wheeler. By electronic ballot, the Council ELECTED Lydia E.M. Hines, Robert L. Lichter, Mamie W. Moy, Anne T. O'Brien, and Eleanor D. Siebert for the 2015-2017 term.

Reports of Society Officers

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

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

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

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

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

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

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

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

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

Reports of Elected Committees

Council Policy Committee (CPC)

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

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

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

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

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

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

Committee on Committees (ConC)

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

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

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

Nominations and Elections (N&E)

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

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

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

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

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

Reports of Society Committees and the Committee on Science

Budget and Finance (B&F)

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

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

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

Education (SOCED)

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

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

Science (ComSci)

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

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

Reports of Standing Committees

Economic and Professional Affairs (CEPA)

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

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

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

Meetings and Expositions (M&E)

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

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

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

Divisional Activities (DAC)

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

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

Local Section Activities (LSAC)

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

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

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

Membership Affairs (MAC)

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

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

Constitution and Bylaws (C&B)

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

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

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

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

Reports of Other and Joint Board-Council Committees

Chemistry and Public Affairs (CCPA)

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

Environmental Improvement (CEI)

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

Ethics (ETHX)

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

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

International Activities (IAC)

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

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

Professional Training (CPT)

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

Project SEED

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

Public Relations and Communications (CPRC)

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

Senior Chemists (SCC)

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

Technician Affairs (CTA)

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

Women Chemists (WCC)

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

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

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

Younger Chemists (YCC)

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

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

New Business

Resolutions

The Council adopted the following resolutions:

10. BE IT RESOLVED That the Council of the American Chemical Society express to the officers and members of the California and Santa Clara Valley Local Section, host sections for the 248th national meeting, the sincere appreciation of the Council and of the entire Society for the cordial hospitality extended to all registrants at this meeting; and that the Council convey special thanks to the divisional program chairs and symposium organizers responsible for the outstanding technical sessions, as well as headquarters staff, for the planning and execution that have assured the success of the 248th national meeting.

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

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

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

Flint H. Lewis
Secretary

REPORT OF INTERIM ACTION, COUNCIL POLICY COMMITTEE

Since the meeting of the Council on August 13, 2014, the Council Policy Committee has taken the following action:

CPC 1-2014. VOTED to elect Dr. Alan M. Ehrlich as Vice-Chair of the Council Policy Committee for 2015.

NOMINATIONS FOR PRESIDENT-ELECT

Action Requested: The Committee on Nominations and Elections has selected the following nominees for 2016 President-Elect:

G. Bryan Balazs
Allison A. Campbell
David J. Lohse
Christopher J. Welch

All have indicated their willingness to serve if elected. From these nominees, the Council must choose two as candidates for President-Elect. The biographies and position statements of the nominees are provided below.

BALAZS, G. BRYAN *California Section*. Lawrence Livermore National Laboratory, Livermore, California.

Academic Record: Washington & Lee University, B.S., Chemistry, 1985; ITT/Fulbright Scholar, Germany, 1985-86; California Institute of Technology, Ph.D., Chemistry, 1992.

Honors: ACS Fellow, 2010; Shirley B. Radding Award, Santa Clara Valley Section ACS, 2009; Walter Petersen Award, California Section ACS, 2004; Graduate of Lawrence Livermore National Laboratory Leadership Program, 2005; Department of Energy, Award of Excellence, 2004; W. R. Grace Chemistry Fellowship, 1991; National Science Foundation Fellowship, 1986; Rhodes Scholarship State Finalist, 1985; James Lewis Howe Award in Chemistry, 1985; Phi Beta Kappa Sophomore Award, 1983; Stump Prize in German, 1983; Phi Lambda Upsilon; Phi Eta Sigma Freshmen Honor Society, 1982.

Professional Positions (for past ten years): Lawrence Livermore National Laboratory, Staff Chemist, 2000-07, Associate Program Leader, 2007 to date.

Service in ACS National Offices: Committee on Committees, 2010-15; Committee on Committees, Subcommittee for ACS Leadership Institute for New Committee Chairs, 2013-15, Chair 2015; 2012 International Chemistry Olympiad, Chair, 2012; IChO International Steering Committee, 2010-13; PACIFICHEM Organizing Committee, 2006-15; PACIFICHEM 2015 Early Career Chemists Award Program, Chair, 2013-15; Society Committee on Education, 2004-09, Chair 2007-09, Consultant 2010-12, Committee Associate, 2001-03, Graduate Education Advisory Board, *Ex Officio*, 2007-09; Committee on Education Undergraduate Programs Advisory Board, 2013-15; ACS Board-Presidential Task Force on Education 2008-09; Council Policy Committee, (Nonvoting), 2007-09; Committee on Economic and Professional Affairs, Committee Associate, 2006-09; Professional and Member Relations Task Force on Focused Interest Groups, 2008.

Service in ACS Offices: Member ACS since 1987. *California Section:* Councilor, 1999-16; Alternate Councilor, 1993-98; Chair, 2011, 1998; Chair-Elect, 2010, 1997; Board of Trustees, 2005-12; Educational Grants Committee Chair, 1999-15; Long-Range Planning Committee, Chair, 1999; Nomination and Election Committee Chair, 2012, 1999; Awards Committee Chair, 2005; Younger Chemists Committee, Chair, 1999-02; Board of Directors, 2010-16, 1997-99.

Member: Phi Beta Kappa; American Association for the Advancement of Science; ACS' American Association of Chemistry Teachers. *ACS Division:* Professional Relations.

Related Activities: ACS Career Consultant; Board of Directors, Pedrozzi Scholarship Foundation, 2013-16, Board President, 2014-15; Chemistry Fellowship Application Judge for the Davidson Institute for Talent Development, 2010-14; Post-Doctoral Associate, Lawrence Livermore National Laboratory, 1992-94; Student, University of California, Los Angeles, Management and Project Management Classes; more than 55 journal publications with several book chapters, and 3 patents.

STATEMENT
G. Bryan Balazs

Now is the time for chemistry!

It is truly a great honor to be one of the nominees for President-Elect. Throughout its illustrious history, the ACS has been a leading provider of scientific information, a strong advocate for education and public outreach, and a nexus for our members to engage in their passions through the ACS' exemplary network of technical divisions, local sections, and member services. Part of our success has been grounded in achieving the right balance between the value that we provide in contributing outward to a chemical enterprise that is international in scope, and the inward-focused benefits and services that we provide to our members. If elected, my emphasis will be on optimizing our delivery in both of these areas, and determining the steps we need to take to do that. I am asking for your vote to allow me to lead this effort.

Our members are the essence of our Society. Our membership numbers are part of our strength, and we need to ensure that we are serving all of our members. I'm concerned by the recent downward trend in the number of full-dues-paying members, and we know that each year as many chemists leave the ACS as join the ACS. We should certainly celebrate those that join our mission, but the obvious question is, "Why do some members, especially newer ones, not see a continuing path for engagement?" What can we do to correct this? My goal is to identify areas where we can do more to meet our members' needs, and to pursue these. For example, we know that new members become more engaged once they become active with a division or a local section, and we must do more to help newer members see the benefits of such associations.

Employment matters. Employment statistics mean little to an individual whose passion is chemistry but yet is unemployed or underemployed. While there are some hopeful signs in certain sectors, we all know colleagues or students who can't find jobs or can't find a job that is commensurate with their passions and skills. To compound the problem, an alarmingly high percentage of recent B.A. and B.S. chemists are struggling to find work. We have heard from members that this is a real issue for them, and we must do more to identify the root causes and to develop strategies to address these. We cannot tolerate an outcome where an expensive education and the lack of a job threaten to undo the economic potential of many graduating chemists.

Education. Like me, I suspect that all of you studied chemistry because you were passionate about the subject, and I firmly believe that education is fundamental to everything we strive to achieve through the ACS. While the U.S. higher education system remains second to none, we also have to consider the fact that many students enter a field of study for the job prospects upon graduation and how much debt they might accumulate to get to that point. How will this affect the students who might want to study chemistry, and what are the implications for the future labor market for chemists? We must be cognizant of such trends and carefully consider the implications for the future of our profession.

Chemistry is fundamental. The pace of scientific discovery is astounding, and its potential for addressing global challenges is clear. However, these critical attributes come at a time of declining federal investment in R&D, a public that is often appreciative of chemists but not always of the future value of investments in chemistry, and challenges for early career researchers such as current grant success rates below 20%. Along with an accelerated pace and pressure for publications, and the new world of open access, it is clear that the ACS must lead in these areas by identifying what the implications of these are and how they must be addressed.

As ACS members, we are well poised to address these challenges through our Society's journals, information resources, scientific meetings, divisions, local sections and committees. The office of President-Elect comes with responsibilities to serve the broader chemical enterprise as well as to seek to a better situation for all members. I respectfully ask for your vote to be your advocate to engage these issues.

CAMPBELL, ALLISON A. *Richland Section.* Pacific Northwest National Laboratory, Richland, Washington.

Academic Record: Gettysburg College, B.A., Chemistry, 1985; State University of New York, Ph.D., Chemistry, 1991.

Honors: ACS Regional Industrial Innovation Award, 2005; ACS Award for Women at the Forefront of Chemistry, 2002; Fellow, American Association for the Advancement of Science, 2013; Gettysburg College Distinguished Alumni Award, 2013; Western New York Pioneers in Science Award, 2011; R&D100 Award, 2006; Federal Laboratory Consortium Award for Technology Transfer, 2006; George W. Thorn Award, State University of New York, Buffalo, 2003; DOE Energy 100 Award for Biomimetic Coatings for Orthopedic Implants, 2001; Young Alumni Achievement Award for Career Development, Gettysburg College, 2000; DOE Basic Energy Sciences Award in Materials Science, 1995; Excellence in Teaching Award; SUNY/Buffalo, 1987; Undergraduate Research Award, Gettysburg College, 1985.

Professional Positions (for past ten years): Pacific Northwest National Laboratory, Associate Laboratory Director, Environmental Molecular Sciences Laboratory (EMSL), 2005 to date, Interim Director, EMSL, 2004-05; Deputy Director, EMSL, 2000-05.

Service in ACS Offices: Member ACS since 1984.

Member: Washington State Academy of Sciences; National Academies Chemical Sciences Roundtable; American Association for the Advancement of Science; International Association of Dental Researchers.

Related Activities: Board member, National Academies Chemical Sciences Roundtable; Chair, Marie Curie Symposium Session, "The National Laboratories, Physical Chemistry in the National Interest," ACS Fall Meeting, 2011; Testified before the Subcommittee on Energy and Environment, Washington DC, 2009; Devon Walter Meek Lecturer, The Ohio State University, 2007; Session Co-Chair, "Unique Tools for Unique Science at a DOE National Scientific User Facility," AAAS Annual Meeting, 2006; Conference Organizer, EPSCoR Workshop, Sponsored by DOE and NSF Experimental Program to Stimulate Competitive Research (EPSCoR), 2002; Trained over 10 graduate and post-doc graduate researchers; Published over 33 journal articles, holds 5 patents and 1 license.

STATEMENT

Allison A. Campbell

Building Advocacy and Understanding for Science

The American Chemical Society represents a singularly important mission – improving our lives “through the transforming power of chemistry.” I would appreciate the opportunity to represent the ACS community as its president and in that role to harness the power of its members and officers to advance understanding of the crucial role science and the scientific enterprise play in a healthy and vibrant society. In doing this, it is vitally important that we continue to advocate for science funding and policy, increase the science literacy of the general public and future generations, ensure a diverse and inclusive scientific workforce, and continue to build a robust and engaged professional ACS community.

As director of a Department of Energy user facility for the past 10 years, I have worked with a diverse set of scientists from government labs, academia and industry as they advance their research. Their funding comes from agencies across the board, including DOE, NSF, EPA, NASA, NIH and the Defense Department. Our facility also has a diverse user community, which enriches our perspectives on science. We live and breathe collaboration as a critical means toward advancing our science. As ACS President, I would be just as committed to understanding our members’ needs, representing chemistry and its impact broadly to the public, decision makers, stakeholders and our peers in other organizations, and building the next generation of chemists.

SCIENCE ADVOCACY AND POLICY. It is incumbent upon us to invest our energy into communicating clearly and frequently the value of basic and applied research to our elected officials. We must clearly articulate examples of success stories – stories where chemistry has impacted our society and improved our everyday lives. Organizations such as ACS play a critical role in representing the broader community on Capitol Hill. In my current position, I have met with officials from House and Senate

committees, the Office of Management and Budget, and the Office of Science & Technology Policy to help build their understanding of the value of federally funded research. In the past few years, I have worked with ACS and other professional societies and organizations to deliver this message through multiple channels. We must as a science community come together and deliver consistent, clear messages about the value of science. If elected, I would continue those efforts with ACS and its team to ensure a robust outreach effort on Capitol Hill and with other policymakers and stakeholders.

SCIENCE LITERACY. We are raising a generation that receives greater benefit from the “transforming power of chemistry” than any other, yet many are challenged to understand how science and chemistry impact and change everyday lives. While we cannot inspire every child to become a scientist or engineer, we must continue to fuel their interest in science and chemistry. Increasing public understanding of science and its impact should ultimately increase public support of science investments. Recent polling shows that while a majority of the public supports funding of basic research, when asked what should be cut first in challenging budget times, science rises to the top of the list. Improving our country’s science literacy is critical if we are to remain at the forefront of innovation.

Our endurance as a society stands on our ability to appreciate scientific discovery and to pursue and realize innovation.

DIVERSE AND INCLUSIVE WORKFORCE. Working in a National Scientific User Facility has afforded me the opportunity to see firsthand the tremendous value of teams of scientists from diverse backgrounds, disciplines and perspectives coming together to solve large scientific challenges. Science and the scientific workplace is truly enriched when we work across technical areas, reach out to individuals with unique experiences and perspectives, and ensure that those under-represented in scientific fields have the opportunity to be included and advance in their careers.

ENGAGING, BUILDING MEMBERSHIP. Finally, we must harness the power of our membership – to engage with each other, build more professional networks, and enhance membership benefits so as to continue growing the society. ACS activities rely upon the strength, engagement and influence of its membership – from Congressional and public outreach to educating the next generation of scientists.

There is much to be done to ensure that the scientific enterprise remains robust. If elected, I will work diligently and tirelessly to ensure that ACS remains strong, and to advance understanding of the crucial role ACS and the scientific enterprise play in a healthy and vibrant society.

LOHSE, DAVID J. *Division of Polymeric Materials: Science & Engineering (New York Section)*. (Retired), ExxonMobil Research & Engineering Company, Annandale, New Jersey.

Academic Record: Michigan State University, B.S. (Physics), 1974; B.S. (Computer Science), 1974; University of Illinois, Ph.D. (Materials Science), 1978.

Honors: ACS Fellow, 2010; Cooperative Research Award, ACS Division of Polymeric Materials: Science & Engineering, 2010; Distinguished Service Award, ACS Division of Polymeric Materials: Science & Engineering, 2008; ACS Division of Polymeric Materials: Science & Engineering, Fellow, 2005; American Physical Society, Fellow, 2000; NRC/NSF Postdoctoral Fellow, 1978-80.

Professional Positions (for past ten years): Retired, June 2011 to date; ExxonMobil Research & Engineering, Company, Corporate Strategic Research Labs, Distinguished Research Associate, 1988-2011; Exxon Chemical Company, Staff Engineer, 1980-88.

Service in ACS National Office: Committee on Meetings and Expositions 2013-14, Committee Associate 2012; Council Policy Committee, (Nonvoting), 2010; Committee on Divisional Activities, 2005-10, Chair, 2010, Committee Associate, 2004; Board Committee on Planning, (Nonvoting), 2010; Task Force on Financial Goals for National Meetings and Expositions, 2013.

Service in ACS Offices: Member ACS since 1977. *Polymeric Materials: Science & Engineering Division:* Councilor, 2003-14; Chair, 1998; Chair-Elect, 1997; Vice-Chair, 1996; Secretary, 1995; Program Chair, 1993-94; Multidisciplinary Program Planning Group, 2007-14; Chair, 2011.

Member: American Physical Society (Fellow); New York Academy of Sciences; Society of Plastics Engineers. *ACS Divisions:* Polymer Chemistry; and Polymeric Materials: Science & Engineering.

Related Activities: Editorial Boards: *European Polymer Journal, Advances in Polymer Technology*; Chair of seven symposia at ACS national meetings; Chair of Polymer Symposium at MARM, 1992; New York Academy of Sciences, Polymers Section Chair, 1990-92; Chair of Symposium at Rubber Division Meeting, 1986; 121 peer-reviewed publications; over 125 invited talks at national and international meetings; 47 granted US patents.

STATEMENT David J. Lohse

I am honored to stand as a nominee to become the President-Elect of ACS in 2016. ACS has played a critical role in my scientific career for the past 40 years, and I am eager to serve ACS to help foster the careers of others in the chemical enterprise. Here are a few of the many challenges and opportunities we face in ACS:

Maintaining our strengths: There are many ways in which we need to grow, but the first priority is to secure those aspects of ACS that have made it the premier scientific society in the world. One part of this is to ensure the sustainability of ACS by keeping it financially strong. We must also make sure that the various components of our organization – local sections, technical divisions, professional staff, and committees – have the means to be strong contributors to ACS. As a member of the Divisional Activities Committee (DAC) for six years, and especially as Chair in 2010, I have seen how critical is the interaction between ACS as a whole and its constituent parts. The divisional allocation formula passed in 2008 both keeps programming as strong as possible, and ensures that the divisions stay relevant to the needs of their own members. Only from such a strong foundation can we build the ACS out in new directions where we need to grow for the future.

Serving chemistry at the borders with other disciplines: While the main organizational structure of ACS is well suited to support the development of science and technology in the core areas of chemistry, we also need to find ways to give the same support in those areas which fall between traditional disciplines. One way to do this is help the divisions to meet the needs of the membership by adapting their structure to changes in these fields, such as the way DAC helped new divisions to form, and facilitated others to merge. The thematic programming at national meetings that has been run by the Multidisciplinary Program Planning Group (MPPG) for the last ten years is another way to encourage programming at these interfaces, and I am proud to have been involved in this effort since 2006, including serving as Chair of MPPG in 2011. These programs have been an increasingly popular part of the meetings, and have attracted the participation by many chemists and other scientists who might otherwise not have been at an ACS meeting.

Staying relevant to younger chemists (and chemists-to-be): Equally important to the need to support those who already are chemists is to encourage our youth to enter chemistry, and to help them grow into the next generation of leaders. It is necessary that we provide educators from the primary level on up with the means to excite young people with the promise and opportunity in chemistry and all sciences, and the new *American Association of Chemistry Teachers* will help do this. ACS must also continually adapt its message through the use of new media, since this is where youth look for their information. Presentations on Demand have become a great way to disseminate the information from the national meetings, and it is good to see that many educators are incorporating this into their curriculum. We need to find more ways to share the informational riches of the chemical enterprise with young people in ways that will mean the most to them.

Supporting chemists in industry: Perhaps the greatest impact of multidisciplinary can be seen in the way it affects our industrial members. They are still the largest fraction of ACS membership, but face rapid changes. In recent years there have been great shifts in the ways they do their research and development, the way their companies are organized, and even in what kinds of organizations they are found. Particularly in the pharmaceutical industry, there are many people who are doing chemistry even if it not labeled as such. We need to support them in new ways, such as better delivery of the information they need, more recognition of their efforts, and increased assistance with transitions in their careers.

I have benefitted immensely from the many opportunities and services provided by ACS, and I will be proud to repay the Society if you select me as a candidate for President-Elect in 2016.

WELCH, CHRISTOPHER J. North Jersey Section. Merck Research Laboratories, Rahway, New Jersey.

Academic Record: University of Illinois, B.S., 1982; University of Illinois, Ph.D., 1992

Honors: ACS Fellow, 2010; ACS North Jersey Section, Award for Excellence in Chromatography, 2004; Fellow, American Association for the Advancement of Science, 2013; Microsoft Life Science Innovation Award, 2010; Bio IT World Best Practices Editor's Choice Award, 2010; Presidents Award for Environmental Achievement, Merck & Co., Inc., 2009; PACS Activated Carbon Hall of Fame Award, 2007.

Professional Positions (past 10 years): Merck Research Laboratories, Merck & Company, Science Lead, Analytical Chemistry, Department of Process & Analytical Chemistry, 2010 to date; Head, Separation & Purification Center of Excellence, 2007-10; Associate Director, Department of Process Research, 2005-10; Co-Chair, New Technologies Review and Licensing Committee, 2004 to date; Founder and Co-chair, MRL Postdoctoral Research Fellows Program, 2012 to date.

Service in ACS National Offices: PACIFICHEM "2015" Organizing Committee, 2011-14; Editorial Advisory Board, *Chemical & Engineering News*, 2012-14.

Service in ACS Offices: Member ACS since 1987. *Organic Chemistry Division:* Chair, 2014; Chair-Elect, 2013; Councilor, 2007-13.

Member: American Association for the Advancement of Science; Royal Society of Chemistry. *ACS Divisions:* Analytical Chemistry; and Organic Chemistry.

Related Activities: Committee on Divisional Activities, Co-chair Division Enhancement Subcommittee, 2008-12; Governing Board, Council for Chemical Research, 2014; Editorial Board, *Chirality*, 2002 to date; Editorial Advisory Board, *ChemistryWorld*, 2011 to date; International Advisory Board, *Journal of the Korean Chemical Society*, 2011 to date; Editorial Advisory Group, *Organic & Biomolecular Chemistry*, 2007-12; Pitcon Program Committee Resource Team, 2012 to date; Executive Committee for the International Symposia on Chirality meeting series – ISCD, 1998 to date; Cofounder and Secretary, Stereochemical Society of Greater New York, 2005 to date; Permanent Scientific Committee for PREP series of symposia, 2007-12; Board of Advisors, Department of Chemistry, Chemical Biology, & Biomedical Engineering, Stevens Institute of Technology, Hoboken, NJ, 2009-11; Advisory Group on Green Technology and Manufacturing to New York Academy of Sciences, 2006-07; Committee of Distinguished Advisors for the Department of Chemistry and Biochemistry at the University of Maryland, College Park, 2004- 07; Co-Founder and U.S. Editor in Chief, *Enantiomer: A Journal of Stereochemistry*, 1994-2001.

STATEMENT

Christopher J. Welch

Chemistry is fun. Chemistry is beautiful. Chemistry is a noble profession that has the power to solve problems, overcome obstacles and positively transform our world. I am deeply honored to be considered as a nominee for president of the American Chemical Society, the world's premier professional scientific society. If elected, I pledge to work with ACS council, committees, local sections, technical divisions, journals, information services and individual members to advocate on behalf of the science and profession of chemistry, and to focus the capabilities of the society on problem solving and positive change that will benefit ACS members and society in general.

Chemists solve problems

During my tenure as ACS president I will ensure that ACS plays a larger role in enabling this aspect of the chemistry mission. For more than a decade I have led an organization at Merck that identifies and evaluates new technologies that can beneficially transform our business – and over the years I have learned several important lessons that I believe can be translated to the larger field of chemistry:

Defining long-term scientific needs focuses innovation

By sampling opinions from across the organization, distilling common themes, and looking beyond the explicit needs of today to understand root causes and trends, it is often possible to define challenges in such a way as to stimulate rapid, productive innovation. In other words, define the problem, provide incentives, then get out of the way – chemists can do the rest!

Collaboration is key

Science is increasingly collaborative, and the ACS can play an important role in facilitating collaborative problem solving between industry, academia and government to address key societal and technical challenges. In recent years collaborative research in all areas of chemistry has flourished, with researchers in academia, large industries, small businesses, contract research organizations, and government laboratories now routinely collaborating across traditional boundaries. Industry is increasingly interested in joining forces in precompetitive collaborations on the discovery and development of enabling chemical technologies that will provide general benefit. Nevertheless, improved mechanisms for scientific matchmaking and streamlined crossfunctional collaborations are needed – and I will use the power of the ACS presidency to address this gap.

Chemistry Education and the Public Perception of Chemistry

Education is central to the mission of ACS, and must continue to be a priority, whether it be STEM, graduate education, or the lifelong continuing education and training that all chemists require to remain active in our rapidly evolving field of science. My experience in creating and managing a postdoctoral program at Merck convinces me that phenomenal things are possible when scientists-in-training are connected with high profile problems, great mentorship and excellent facilities. During my presidency, I will encourage greater dialog between working chemists and aspiring students preparing to enter the workforce. By tapping into the ACS volunteers and using smart communication tools and classroom visits, we can provide valuable guidance and mentorship to this next generation of chemists.

Influencing the public perception of chemistry is becoming increasingly important for our society. Through the newly launched *ACS Central Science* and other venues we need to remind the world that chemistry is fun, interesting, beautiful and important. Encouraging ACS members to take pride in our field and our rich history of chemistry achievement can also influence the growing numbers of science enthusiasts and citizen scientists. Public mistrust of chemistry can be overcome by showcasing examples of how chemistry can act as a powerful transforming force for good in the world, and by embracing standards of ethics and integrity that reject the uses of chemistry for purposes that result in crime, exploitation, pollution or degradation of the environment.

Chemistry is International

Chemistry is an increasingly global enterprise, and the ACS plays a pivotal role in the international chemistry ecosystem. As president I will maintain and strengthen our network with international chemistry organizations and will implement low cost, time-efficient virtual meeting technologies to connect with the global chemistry community, *e.g.* remote presentations by ACS Fellows and representatives of ACS technical divisions at international chemistry venues or participation in the ACS national meetings by international scientists who would otherwise not be able to attend.

Vote for Chris!

Chemistry is a lifelong scientific pursuit, one that I have been following with passion since my high school job as a glassware washer. ACS members understand that volunteering to help build and maintain the infrastructure of chemistry ensures our continuity into the future. I am honored to ask for your support of my candidacy for ACS president.

ANNOUNCEMENT OF NOMINEES, DISTRICT DIRECTORS

In accordance with the provisions of Bylaw V, Sec. 4, candidates for District Director are selected by the voting Councilors of the District to be served. The Committee on Nominations and Elections selected the following as nominees for a 2016-2018 term:

DISTRICT I

Perry L. Catchings, Sr.
Thomas R. Gilbert
Gerard F. R. Parkin
Laura E. Pence

DISTRICT V

John E. Adams
Debbie C. Crans
Kenneth P. Fivizzani
Donna G. Friedman

Ballots as appropriate are now handled by VRES, our national election vendor, and have been emailed to voting Councilors residing in Districts I and V with the results of the balloting to be announced in *Chemical & Engineering News*, and at the Council meeting in Denver.

On or before October 10, ballots will be mailed to all members of District I and District V for election of a Director from each District.

PERTINENT BYLAW PROVISIONS GOVERNING ELECTION
OF DISTRICT DIRECTORS

Bylaw V, Sec. 4.

(c) On or before January 15, the Committee on Nominations and Elections shall transmit to the Executive Director of the SOCIETY the names of not fewer than four MEMBERS of the SOCIETY as nominees for each position of District Director to be filled. Each nominee must be entitled to vote in the District electing the District Director for which the nominee would be a candidate. When elected, each District Director may serve a complete term despite changes in Local Section or address or in any District boundary. (1/1/01)

(d) On or before March 1, the Executive Director shall send a ballot to each Councilor in the District electing a District Director; the ballot shall contain the names of the nominees for District Director of that District, as selected by the Committee on Nominations and Elections. Ballots shall be returned to the Executive Director no later than four weeks after the ballots are distributed. The two nominees receiving the greatest number of votes shall be announced to the Council orally at its next meeting or, if timing does not permit, in the official organ of the SOCIETY, as candidates for District Director of the District. (10/19/04)

(e) One percent of the members of the SOCIETY entitled to vote in the District electing a District Director, not more than one-third (1/3) of whom are assigned to any one Local Section, may nominate a candidate for District Director by filing a petition with the Executive Director by July 15. Each member may nominate no more than one candidate for District Director in a given election. A petition candidate must be entitled to vote in the District electing the District Director for which the MEMBER is a candidate. The names of any petition candidates shall be included on the ballot along with the names of those selected by the District's Councilors. (10/19/04)

ANNOUNCEMENT OF CANDIDATES, DIRECTORS-AT-LARGE

Bylaw V, Sec. 3, a, provides that "On or before January 15, the Committee on Nominations and Elections shall transmit to the Executive Director of the SOCIETY the names of the MEMBERS of the SOCIETY selected as candidates for the positions of Director-at-Large to be filled. The number of such candidates shall be at least twice the number of such positions to be filled. These names shall be announced to the Council at a meeting to be held no later than May 1."

The election of Directors-at-Large will be conducted in the fall, with ballots mailed to the Council on or before October 10. The incumbents are Valerie J. Kuck and Ingrid Montes. Valerie J. Kuck is ineligible for reelection, and Ingrid Montes is eligible for reelection.

Other Directors-at-Large, whose terms continue, are as follows:

Kathleen Schulz.....2014-2016
Dorothy Phillips2014-2016
William F. Carroll, Jr.....2015-2017
Barbara A. Sawrey.....2015-2017

The Committee on Nominations and Elections announces selection of the following candidates for Directors-at-Large for a 2016-2018 term:

Willem R. Leenstra
Ingrid Montes
Mary Jo Ondrechen
Thomas W. Smith

Biographies of the candidates follow.

LEENSTRA, WILLEM R. *Green Mountain Section.* University of Vermont, Burlington, Vermont.

Academic Record: California State University, Hayward, B.S., 1969; University of Washington, Ph.D., 1979.

Honors: E. Ann Nalley ACS Northeast Region Award for Volunteer Services, 2009; Green Mountain Section, Emerald Award, ACS, 2006; Finalist, Kroepsch-Maurice Teaching Award, University of Vermont, 2012 and 2013; Graduate Teaching Award, University of Washington, 1974.

Professional Positions (for past ten years): University of Vermont, Associate Professor, 1986 to date; Special Assistant to the Provost, 2002-03; Department Chair, 1999-2002, 1991-92; Co-Founder, Endyne Environmental Testing Laboratory, Inc., Vermont and New York, 1987.

Service in ACS National Offices: Budget & Finance Committee, 2014-16, 2013; Council Policy Committee (Voting), 2010-12, (Nonvoting), 2007-09; Council Policy Committee, Task Force on Duties and Responsibilities, 2012; Committee on Meetings and Expositions, 2004-09, Chair, 2007-09; Committee on Local Section Activities 1998-2003; Committee Associate, 1997.

Service in ACS Offices: Member ACS since 1975. *Green Mountain Section:* Councilor, 1996-2016, 1985-89; Chair, 1993-95, 1984-85; Chair-Elect, 1992-93, 1983-84; Alternate Councilor, 1990-95; Secretary, 1982-84. *Northeast Region ACS:* Board Vice-Chair, 2014; Board Secretary, 2005-07. *Northeast Regional Meeting:* General Chair, 35th Northeast Regional Meeting, 2008; General Chair; 24th Northeast Regional Meeting, 1994.

Member: *ACS Divisions:* Chemical Education; Inorganic Chemistry; and Physical Chemistry.

Related Activities: Committee on Budget & Finance, Subcommittee on Program Funding Requests, 2013-14; CPC, Subcommittee on Constitution and Bylaws, 2010-12; CPC Subcommittee on Long-Range Planning, 2011-12; Invited speaker at the Materials Science symposium, 43rd IUPAC World Chemistry Congress, San Juan, Puerto Rico, 2011; Invited speaker at the 4th International Conference on Porphyrins and Phthalocyanines, Rome, Italy, 2006; Invited Symposium organizer, "Layered and Optical Materials" at NERM 2007; Symposium Organizer, "Layered Materials" at NERM 2008; Committee on Meetings & Expositions, Regional Meetings Subcommittee, Chair, 2006; ACS ReACT Committee, 2005-07; Consultant, Pearson Publishing; Organizer, General Chemistry Assistance for ALANA & Diversity Students, UVM, 2014.

MONTES, INGRID *Puerto Rico Section.* University of Puerto Rico, San Juan, Puerto Rico.

Academic Record: University of Puerto Rico, B.S., 1980; Ph.D., 1985.

Honors: ACS Volunteer Service Award, 2012; ACS Fellow, 2010; Fellow International Pure and Applied Chemistry, 2006; Igaravidez Award, ACS Puerto Rico Section, 2006; Salute to Excellence Award, Committee on Community Activities, National Chemistry Week Coordinator for ten years, 2004; Chemical Education Award, ACS Puerto Rico Section, 1999; Academic Excellence and Productivity Award, University of Puerto Rico, 1997.

Professional Positions (for past ten years): University of Puerto Rico, Professor, 1998 to date, Pre-MARC Program Coordinator, 1992 to date.

Service in ACS National Offices: Board of Directors, Director-at-Large, 2013-15; Councilor ex officio, 2013-15; Committee on Committees, 2010-12; Committee on Education, 2001-09; Committee on Community Activities, 2004-09, Chair, 2007-09; Editorial Board, *Journal of Chemical Education*, 2010 to date; National Chemistry Week Task Force, 1999-04; Advisory Board for *ChemMatters* Magazine 2006-09, Chair, 2007-09; Task Force on Undergraduate Education, 1999-01.

Service in ACS Offices: Member ACS since 1980. *Puerto Rico Section:* Councilor, 1999-13; Chair, 2011, 2003, 1995; Chair-Elect, 2010, 2002, 1994; Treasurer, 1998; Alternate Councilor, 1996-97; Secretary, 1992-93; Faculty Advisor of the Student Affiliate Chapter of the University of Puerto Rico-Río Piedras 1989 to date; National Chemistry Week Coordinator for 21 years and CCED Coordinator for 6 years. *Chemical Education Division:* National Meetings Program Committee, 2002-08; Long Range Planning Committee, 2004 to date, Chair 2010 to date; 2007 ACS Fall National Meeting, Program Co-Chair. *South East Regional Meeting:* General Chair, 2009; Chair, Theme Team for the International Year of Chemistry Celebration, 2011, Representative of the ACS at the IUPAC 2011 Organizing Committee.

Member: International Union of Pure and Applied Chemistry; American Association for the Advancement of Science; Puerto Rico Chemists Association. *ACS Divisions:* Chemical Education; History of Chemistry, Organic Chemistry and Professional Relations.

Related Activities: Founder of the "Festival de Química" (development of resources and implementation of international events for the American Chemical Society), Organizer: Project Are Women Still Underrepresented in Science? ACS Challenge Grant for the 2011 IUPAC World Congress; Nominated for the 2009 U.S Professors Years Program sponsored by CASE; Nominated for the National Society of Collegiate Scholars (NSCS) 2009 Inspire Integrity Award; published 20 journal articles and a laboratory textbook.

ONDRECHEN, Mary Jo *Northeastern Section*. Northeastern University, Boston, Massachusetts.

Academic Record: Reed College, B.A., Chemistry, 1974; Northwestern University, Ph.D., Chemistry, 1978.

Honors: Outstanding Service Award, Interstate Technology & Regulatory Council, 2005; Outstanding Contributions Award, Interstate Technology & Regulatory Council, 2004; Excellence in Teaching Award, Northeastern University, 1989; Alfred P. Sloan Foundation Fellowship, 1987-91; NATO Postdoctoral Fellowship, 1980.

Professional Positions (for past ten years): Professor of Chemistry and Chemical Biology, Northeastern University, 1990 to date.

Service in ACS National Offices: Committee on Minority Affairs, 2012-14, Committee Associate, 2011, Liaison to the Graduate Education Advisory Board, 2013; Presidential Task Force on Implementing Committee on Professional Trainings Diversity Report, 2009-10.

Service in ACS Office: Member ACS since 1975.

Member: American Indian Science and Engineering Society; Biophysical Society; International Society for Computational Biology; Protein Society; Society for the Advancement of Chicanos and Native Americans in Science. *ACS Divisions:* Biological Chemistry; Computers in Chemistry; and Physical Chemistry.

Related Activities: Board of Directors, American Indian Science & Engineering Society, 2007-10, Chair of the Board, 2011-13; Committee of Visitors, National Science Foundation, Chemistry Division, 2007; Molecular and Cellular Biology Division, 2014, 2011; Board of Advisors, Interstate Technology & Regulatory Council, 2008-13; Regional Editor, *Current Bioinformatics*, 2007 to date; Editorial Board, *Current Bioinformatics*, 2005 to date; Editorial Board, *The Open Access Informatics Journal*, 2007-09; Board of Directors, Telluride Research Center, Telluride, CO 2005-07; Board President (2011-present), Board of Directors member, North American Indian Center of Boston (NAICOB), Boston, MA 1999 to date; Numerous invited and contributed technical presentations for Biological, Computers in Chemistry, Medicinal, and Physical Divisions, and a Presidential Symposia, at ACS National meetings; published 14 articles in ACS and non-ACS journals, 2009-14.

SMITH, Thomas W. *Rochester Section*. Rochester Institute of Technology, Rochester, New York.

Academic Record: John Carroll University, B.S., 1969; University of Michigan, Ph.D., 1973.

Honors: ACS Polymer Division, Fellow, 2011; ACS Fellow, 2009; ACS Division of Polymer Chemistry, Chair Recognition Award, 2003; ACS, Rochester Section Award for Outstanding Service 1996; African-American Who's Who, Greater Rochester Area, Mike F. Molaire Editor, Norex Publications, Award, 1994; Xerox Corporate Research Group Team Excellence Award, 1989; ACS Rochester Section, Chair Recognition Award, 1982; American Men & Women of Science, Community Educators Award, 1975-76; Rackham Fellowship, 1971-72; Eastman Kodak Fellowship, 1971-72.

Professional Positions (for past 10 years): Rochester Institute of Technology, Professor, 2002 to date; Golisano Institute for Sustainability, Interim Academic Director, 2010-12.

Service in ACS National Offices: Committee on Minority Affairs, Associate Member 2014; Committee on Education, 2005-13, Associate, Member, 1997-2004; Board Special Committee on Corporation Associates, 1990-2001; Advisory Board, Graduate Education, 2007-09; Advisory Board, Petroleum Research Fund, 1994-99.

Service in ACS Offices: Member since 1970. *Rochester Section:* Immediate Past Chair, 1983, Chair, 1982, Chair-Elect, 1981, Treasurer, 1980-81, Member-At-Large, 1976-79. *25th Northeast Regional Meeting:* General Chair, 1995. *Division of Polymer Chemistry:* Chair, 2002; Chair-Elect, 2001; Vice-Chair, 2000; Alternate Councilor, 1994-99, 1980-81.

Member: *NOBCChE* (National Organization for the Professional Advancement of Black Chemists and Chemical Engineers). *ACS Divisions:* Polymer Chemistry; and Polymeric Materials Science and Engineering.

Related Activities: ACS Project SEED, Certificate of Appreciation in Recognition for Commitment and Outstanding Service, presented in celebration of the 40th Anniversary of Project SEED, 2008; Co-Chair, Symposium on Polymers in Electrophotography, 237th ACS National Meeting, 2008; Co-organizer, ACS Polymer Division Workshop, Photonics 2005, Orlando, FL; Co-Chair, Field-Responsive Polymers Symposium, POLY Millennium 2000; Co-Organizer, Frontiers in Polymer Science in the 21st Century - Macromolecular Secretariat, 219th ACS National Meeting, San Francisco, 2000; Xerox Corporation, 1973-2002, Research Fellow, 1996-2002; Certificate of Appreciation in Recognition of Support to the ACS Scholars Program, 1999; Certificate of Appreciation in Recognition of Service, 1993-99 on the Petroleum Research Fund Advisory Board, 1999; Co-Chair, Biennial Meeting, ACS Division of Polymer Chemistry, Santa Barbara, CA, 1996; Co-Chair, 1993 ACS Corporation Associates Symposium, "Diversity in the Chemical Workforce of the 21st Century," Chicago, 1993; ACS Certificate of Recognition for Leadership of the Rochester Section-Winner of the 1983 Award for Outstanding Performance by a Local Section, 1983; 53 journal articles, 70 U.S patents.

REQUEST FOR SUGGESTIONS FOR 2017 DIRECTORS AND SOCIETY OFFICERS

A Reminder

The Committee on Nominations and Elections needs the aid of Councilors in discharging the following responsibilities specified in the Bylaws:

1. receiving from members suggestions of persons who should be considered when selecting proposed nominees for SOCIETY offices;
2. preparing a panel of nominees for District Directors and President-Elect, and of candidates for Directors-at-Large,

The Committee asks each Councilor to examine the following list of positions to be filled on January 1, 2017, and the list of those continuing in related posts. Names of individuals suggested for nominations should then be inserted in the appropriate blanks. These sheets can be left on the table near the door as you leave the Council meeting, or emailed to the Chair of the Committee: Mr. D. Richard Cobb - nomelect@acs.org

PRESIDENT-ELECT

Incumbents in the 2015 Presidential succession are: President, Diane Grob Schmidt; President-Elect, Donna J. Nelson; and Immediate Past President, Thomas J. Barton. Nominees for President-Elect in 2016 are G. Bryan Balazs, Allison A. Campbell, David J. Lohse, and Christopher J. Welch. From this list, two will be selected at this Council meeting to run (along with any others nominated by petition) as candidates for election this fall (see Council agenda **Item IV, A, pages 18-24**).

DESCRIPTION OF DUTIES AND DESIRED CHARACTERISTICS FOR PRESIDENT-ELECT NOMINEES

The President is the Primary Spokesperson and Representative of the Society

Some Major Duties:

- Works with the Board of Directors to identify key themes and priorities; supports those themes with presidential programming at National Meetings
- Preside at Council meetings
- Works jointly with the Chair of the Board in the appointment of members to Committees
- Chair the Council Policy Committee
- Advocacy activities
- Spokesperson on ACS policies to the media around the world

Some Desired Characteristics:

- Ability to represent the Society on the world stage
- Ability to work collaboratively on and with the ACS Board of Directors
- Integrity and strong ethical character
- Strong commitment to advocate for chemistry
- Enthusiasm for the job
- Ability to communicate in writing and orally
- Business acumen
- Leadership Experience
- Visibility and credibility within the profession
- Vision and Ability to get things done
- Flexibility to travel
- Likes meeting and working with members

**DESCRIPTION OF DUTIES AND DESIRED CHARACTERISTICS
FOR DIRECTOR-AT-LARGE & DISTRICT DIRECTOR CANDIDATES**

The Board of Directors is the legal representative of the SOCIETY, and, as such, have, hold, and administer all the property, funds, and affairs of the SOCIETY.

Some Major Duties:

- Ensure the fiscal soundness and financial stability of the Society
- Review and approve the Society's annual operating budget
- Establish salary and compensation of ACS executives
- Review and approve new Society initiatives
- Establish and revisit Society policies
- Guide the ACS in accord with the mission and vision
- Ensure that the ACS meets the needs of its members, its constituents, and the profession
- Attend Board & Council meetings; execute assigned duties; represent the Board at other events
- Minimum time commitment: 30-45 days per year

Some Desired Characteristics:

- Integrity and strong ethical character
- Strong communication skills
- Ability to collaborate with others in the accomplishment of goals and creation of new programs
- Business and budget acumen
- Willingness to make tough decisions
- Demonstrated leadership and governance experience
- Commitment to the Society's goals and strategic plan
- Broad vision and strategic thinking
- Places welfare of the Society above personal ambitions
- Team Player
- Likes meeting and working with members

DIRECTORS-AT-LARGE

Incumbents whose terms expire at the end of 2016 are Dorothy J. Phillips and Kathleen M. Schulz. Both are eligible for reelection.

William F. Carroll, Jr., Valerie J. Kuck, Ingrid Montes, and Barbara Sawrey, are other Directors-at-Large. From the following candidates (plus any nominated by petition), two will be elected this fall for a three-year term, 2016-2018: Willem R. Leenstra, Ingrid Montes, Mary Jo Ondrechen, and Thomas W. Smith (see Council agenda **Item IV, C, pages 26-29**).

DIRECTOR, DISTRICT II

Elected by members of local sections having their headquarters in Indiana (except the St. Joseph Valley and Wabash Valley Sections), Kentucky, Michigan (except the Kalamazoo and Upper Peninsula Sections), North Carolina, Ohio, Tennessee (except the Memphis Section), Pennsylvania (except the Central Pennsylvania, Erie, Lehigh Valley, Penn-York and Susquehanna Valley Sections), Virginia, West Virginia; and those members with addresses in the states of Indiana (except the counties of Lake and Porter), Kentucky, Ohio, Michigan (except Dickinson County), Tennessee, Virginia and West Virginia who are not assigned to local sections.

The incumbent, George M. Bodner, is eligible for re-election.

DIRECTOR, DISTRICT IV

Elected by members of local sections having their headquarters in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, South Carolina, Tennessee (except the East Tennessee, Nashville and Northeast Tennessee Sections), Texas, and the Commonwealth of Puerto Rico; and those members with addresses in Arkansas (except the counties of Ashley, Bradley, Calhoun, Columbia, Drew, Hempstead, Lafayette, Miller, Ouachita, and Union), Georgia (except the counties of Catoosa, Chattooga, Dade, Walker, and Whitfield), Louisiana and certain counties in Texas who are not assigned to local sections.

The incumbent, Rigoberto Hernandez, is eligible for re-election.

OTHER DISTRICT DIRECTORS

The other District Directors who continue in office beyond 2015 are:

Pat N. Confalone, District III
Paul W. Jagodzinski, District VI

District Directors will be elected this fall for the 2016-2018 term to represent Districts I and V. The slates of nominees are (see Item IV, B, page 25):

DISTRICT I
Perry L. Catchings, Sr.
Thomas R. Gilbert
Gerard F. R. Parkin
Laura E. Pence

DISTRICT V
John E. Adams
Debbie C. Crans
Kenneth P. Fivizzani
Donna G. Friedman

REQUEST FOR SUGGESTIONS FOR 2017 SOCIETY DIRECTORS AND OFFICERS

Attention: Mr. D. Richard Cobb
nomelect@acs.org

Dear Mr. Cobb:

I propose the following MEMBERS for consideration by the Committee on Nominations and Elections:

PRESIDENT-ELECT

Name _____ Name _____

Affiliation _____ Affiliation _____

DIRECTOR-AT-LARGE

Name _____ Name _____

Affiliation _____ Affiliation _____

***DIRECTOR, DISTRICT II**

Name _____ Name _____

Affiliation _____ Affiliation _____

***DIRECTOR, DISTRICT IV**

Name _____ Name _____

Affiliation _____ Affiliation _____

Suggested by: (Name Optional)

(Local Section or Division Affiliation)

*See preceding pages for territory

(This form must be received no later than May 15, 2015.)

BALLOT COUNTS, PREVIOUS ELECTIONS

The Committee on Nominations and Elections regularly reports in the Council agenda the numerical results of balloting from nominations and elections at the previous meeting and of interim mail balloting. The following tabulations give the numerical results of the balloting at the August 13, 2014 meeting of the Council for election of members of the Council Policy Committee, Committee on Committees, and Committee on Nominations and Elections; and of mail ballots for election of President-Elect, Directors of District III and VI, Directors-at-Large and Nominations and Elections Committee (November 17, 2014).

COUNCIL POLICY COMMITTEE

*Lawrence Barton	216	Pamela D. Kistler	121
Dwight W. Chasar	167	Doris I. Lewis	133
*Lynne P. Greenblatt	217	Christopher Masi	135
Martha G. Hollomon	167	**Andrea B. Twiss-Brooks	174
*Peter C. Jurs	254	*Linette M. Watkins	243

COMMITTEE ON COMMITTEES

Spiro D. Alexandratos	180	Kathleen Gibboney	131
Mark A. Benvenuto	126	*Helen A. (Bonnie) Lawlor	240
*Mitchell R. M. Bruce	183	* Zaida Morales-Martinez	227
*Judith N. Currano	232	* Robert A. Pribush	232
Jetty L. Duffy-Matzner	177	Patricia A. Redden	135

COMMITTEE ON NOMINATIONS AND ELECTIONS

Anthony W. Addison	151	*Mamie W. Moy	239
John W. Finley	117	*Anne T. O'Brien	239
*Lydia E. M. Hines	225	*Eleanor D. Siebert	195
Roland F. Hirsch	169	Herbert B. Silber	145
*Robert L. Lichter	187	Ralph A. Wheeler	176

PRESIDENT-ELECT
(November 17, 2014)

Peter K. Dorhout	8,944 ^{^^}
William A. Lester	4,886
*Donna J. Nelson	13,934 ^{^^}

DIRECTORS-AT-LARGE
(November 17, 2014)

Dawn A. Brooks	158
*William F. Carroll, Jr.	328
*Barbara A. Sawrey	163
Ellen B. Stechel	72

DIRECTOR, DISTRICT III
(November 17, 2014)

*Pat N. Confalone	1,810
Anne S. DeMasi	1,458

DIRECTOR, DISTRICT VI
(November 17, 2014)

*Paul W. Jagodzinski	1,722
Lee H. Latimer	1,267

Vacancy for the Committee on Nominations and Elections
(November 17, 2014)

*Roland F. Hirsch	224
Ralph A. Wheeler	151

* Individual Elected

**elected to fill a 2 year term 2015-2016

^{^^} Total includes Lester's 2nd choice votes

REPORT OF THE PRESIDENT

My Presidential theme for 2015 is “Inspiring and Innovating for Tomorrow.” This report will provide a snapshot of progress to date in support of this theme.

Innovation: Presidential Symposia at this meeting are: *Nanotechnology: Delivering on the Promise*, *DOE Nanoscience Research Centers*, and *Chemistry Without Borders*. In addition, there will be 18 symposia that I have designated as ‘Presidential Recommends.’ The Presidential symposia and the Presidential Recommended symposia will provide “one stop shopping” at the Denver meeting for all interested in aspects of nanotechnology and nanoscience: from Policy and R&D to Health, Safety & Environment to manufacturing and commercialization. In addition, the valuable resources in the nanotechnology programs at U.S. national laboratories will also be featured. The Chemistry without Borders symposium will highlight the global nature of chemistry careers.

Collaboration: Twenty technical divisions engaged and partnered with me as co-sponsors in support of my Denver nanotechnology symposia. Several technical divisions are doing deeper dives specific to their technical division's area of interest and expertise. Other scientific societies who are highly interested in nanotechnology are also engaged with me and have co-sponsored the Presidential Nanotechnology symposia in Denver. These include the Gordon Research Conferences, Materials Research Society, National Academy of Engineering, and the American Institute of Chemical Engineers. Please see the ads in C&EN with the Presidential and Presidential Recommended symposia for a complete listing of the programing.

Employment/Jobs: As an industrial chemist with more than 32 years of experience at P&G [Procter & Gamble], I understand the important contributions that people working in the chemical industries make to our economy, our health, and our way of life. Approximately one-fourth of the U.S. GDP, and nearly 800,000 American jobs are supported by the chemical industries. Still, we have seen declines in chemistry jobs, and a decrease in the number of ACS members from industry over the past decade. ACS has a role to play in advocating for a business climate that supports chemical businesses and in supporting the people that power the industrial workforce. As ACS President, I agreed to be a liaison for industry within the Society and an advocate for chemistry to the public and to policy makers. In the year leading up to my presidency, I have worked with ACS members, governance and staff to redefine our value proposition to corporate leaders in chemistry, and for the people who work at all levels and stages of production in industry. At the Denver Council meeting, I look forward to sharing the progress that we have made in making ACS more relevant for industry.

Education: I am proud to be a champion for the **American Association of Chemistry Teachers (AACT)** launched last fall by ACS. The significance of AACT is demonstrated by The Dow Chemical Company's \$1 million commitment to serve as its Sole Founding Partner. The goals of AACT are in full alignment with Dow's STEMtheGap™ initiative, which is designed “to build the workforce of tomorrow by empowering teachers, motivating student achievement, developing careers, and collaborating with communities to transform STEM education into a driver for innovation, manufacturing, and economic prosperity.” Since its launch, more than 1,600 people have joined AACT—88 percent of them are K–12 teachers, and the others are people like me who believe that teachers hold the key to “Inspiring and Innovating for Tomorrow.” Please join me in making our new colleagues in the American Association of Chemistry Teachers feel welcome as part of the larger ACS family. I encourage you to learn more about AACT by visiting its website at www.teachchemistry.org.

ACS Scholars: I enthusiastically embrace the transformative power of chemistry to address the challenges facing our world. Advocating for excellence in STEM education is a long-time passion of mine. One of my first actions after being elected to the ACS Board of Directors was to raise the level of involvement of

my employer, P&G, in the Society's flagship scholarship program for underrepresented minority undergraduates in the chemical sciences. Serving as the internal champion at P&G, I steered the company to give at the level of Visionary Partner.

I am particularly proud that P&G has hired 17 former ACS Scholars, more than any other employer. One P&G Scholar, Dr. Jacqueline Thomas, was recently appointed to the ACS Development Advisory Board. In this my Presidential year, ACS will celebrate the 20th anniversary of the ACS Scholars Program. In this short time, ACS has helped 200 young scientists earn doctoral degrees and another 200 are confirmed to be in PhD programs. Fully 95% of ACS Scholars earn baccalaureate degrees within six years, with 80% remaining in the chemical sciences. Half of the 1,500 graduates continued their studies while the others are employed in the nation's finest companies, national laboratories and universities.

To ensure the future of this effective program with measurable impact, the ACS Board has authorized 2015 as the inaugural year to raise a substantial endowment for ACS Scholars. It is my distinct pleasure to serve as Co-Chair of the 20th Anniversary Appeal with Carlos Gutierrez, a program founder. We will work tirelessly to shine a light on this bright spot in bringing greater diversity to the enterprise that has given us such gratifying careers in chemistry.

Advocacy: ACS is an important voice in advancing the national conversation on innovation. As part of my presidential agenda, I launched an ACS member advocacy initiative based on current best government affairs practices during the Fall National Meeting in San Francisco. This ongoing initiative, which includes members from four of ACS's primary policy writing committees (Committee on Chemistry & Public Affairs, Committee on Environmental Improvement, Corporation Associates and the Society Committee on Education) is designed to help advance our legislative agenda through direct ACS member contact with their elected federal officials. ACS's Office of Public Affairs staff matched up each interested ACS committee member with their federal representatives and encouraged them to make initial contact.

With the start of the 114th Congress I am hoping to see some real progress made on this front to advance several ACS policy priorities that will be addressed in a number of research and development, energy, tax, education, and sustainability measures. It is my hope that having ACS committee policy experts contact their elected officials will help advance our policy priorities in 2015.

After a tumultuous 113th Congress, I am happy to report that despite intense partisan gridlock, we were able to make real progress by securing passage of several pieces of legislation important to ACS policy priorities – The Revitalize American Manufacturing & Innovation Act; Extension of the Research and Development Tax Credit; FY 2015 Continuing Resolution; National Defense Authorization Act (creates an important STEM Education pilot program for military children) and a U.S. Senate resolution honoring and recognizing National Chemistry Week. We were also successful in seeing a bill introduced that ACS has long worked on – the Sustainable Chemistry Research and Development Act that we are hopeful will be acted upon this year.

On the state level, ACS secured adoption of three pieces of legislation that aligned with policy priorities in Colorado and Washington. In Washington, a STEM education bill was passed and enacted and in Colorado, two bills were passed, one creating the Colorado Energy Research Authority (CERA) and the other creating the Advanced Industry Investment Income Tax Credit.

As President, I look forward to taking up the challenge of advancing legislation that is critical to the long term health of the chemistry enterprise. If you are interested in joining me to advance the Society's legislative agenda and keep the chemistry enterprise strong, please contact the ACS's Office of Public Affairs.

To quote Winston Churchill, "A pessimist sees the difficulty in every opportunity; an optimist sees the opportunity in every difficulty."

Thank you.

Diane Grob Schmidt

REPORT OF THE PRESIDENT-ELECT

From the day the results of the Presidential race were announced, my activities have been directed toward fulfilling my presidential campaign promises. As a reminder my campaign priorities are listed below:

- ✓ Public appreciation for chemistry
- ✓ Jobs and careers
- ✓ Bridge to Congress, Hollywood, media, etc.
- ✓ Stand strong for chemical industry
- ✓ Chemical education and research
- ✓ Diversity

All of these pertain to the imbalance between chemistry job openings and chemists seeking employment. Jobs issues are rooted in wide-ranging causes and impact many arenas. The causes range from public appreciation for chemistry to environment in educational institutions. And the impacts span from homeland security to immigration.

My two types of efforts in these areas are described below.

A. Jobs and Careers Task Force Initiation

A Presidential Task Force is being initiated and will have its first meeting during the ACS Meeting in Denver, and presently has 7 distinguished members. It will tackle the most important issue identified by ACS members. This Task Force will likely need my three presidential years to be effective.

B. Interaction with Constituents

Data gathering, information sharing, and bridging have already begun with a variety of sources, including members of the US House of Representatives and the US Senate, independent oil and gas companies, ACS staff, ACS members, and others.

Mounting member frustration, industry concerns, and research declines due to chemistry employment problems can be mitigated by building on the above activities.

Donna J. Nelson

REPORT OF THE IMMEDIATE PAST PRESIDENT

I travelled quite a bit for the ACS last year and, by and large, I believe the results were positive for our Society. In particular I am pleased with our significantly enhanced relationships with Latin American chemical societies. One case in point is that we are on track to produce in collaboration with the Sociedad Química de México (SQM) four webinars in Spanish this year. The first one will be The Role(s) of Chemistry in Energy. I'm joined in this effort by fellow Board member, Ingrid Montes, who through her extraordinary effort, such as the initiation of 'Festivals de Química' has become the face of ACS in Latin America.

However, the main things I wish to share with Council deal with ACS Regional Meetings in 2015. Working with Mary Kirchhoff and her staff in the Education office, we will be hosting at most, if not all, of the ACS Regional Meetings, sessions specifically directed at high school chemistry teachers. These sessions will have expert speakers addressing key and current issues facing high school teachers in the U.S. today. Panels consisting of diverse sets of teachers will lead audience participation in discussion of issues. I will attend and moderate each of these sessions. I will also provide stipends of \$200 each to defray the costs of meeting attendance for up to 20 teachers per meeting. If a significant number of teachers do not commit to attend, the session will not be held. Please feel free to tell your favorite chemistry teacher about this project and urge them to attend. Advertisement of this program will be via C&EN as well as the Regional Meetings' websites.

At the 2015 Regional Meetings I will also be hosting sessions for industrial chemists to voice their views on how ACS could better serve our industrial members. All costs associated with holding these sessions will be covered by my ACS budget. I will be joined in this effort by President Diane Schmidt and President-Elect Donna Nelson. I will attend and moderate each session, while Diane and Donna will participate as their schedules allow. It is anticipated that these sessions will, at the very least, result in a white paper addressing how our Society can improve its service to our invaluable industrial membership. I ask for your help in urging interested/motivated industrial members to attend and participate. Advertising will be as for the high school teachers' sessions (vide supra) and committed members are asked to contact me (barton@iastate.edu) so that a decision can be made as to whether or not there is sufficient interest to hold a session at a particular Regional Meeting. This effort should mesh nicely with our new collaboration with the American Chemistry Council (ACC), various members of which met with myself, Diane Schmidt and Mary Kirchhoff in November and again in February (with the addition of Donna Nelson) to discuss changes in academic curricula that would produce a product better suited for the chemical industry. A product of this interaction will be a task force to investigate ways for community colleges to produce the workers that chemical industries are having difficulty locating.

Tom Barton

REPORT OF THE CHAIR OF THE BOARD OF DIRECTORS

This is my first written report to Council as Chair of the Board of Directors. I wish to begin by expressing my deep gratitude to my Board colleagues for entrusting me with this responsibility. My good friend and colleague, Bill Carroll has now completed a masterful job as my predecessor and I thank him for his leadership over the past three years. I welcome the opportunity to work with my new Board colleagues, Donna Nelson, Paul Jagodzinski and the new ACS Executive Director & CEO, Tom Connelly. Tremendous thanks go to our colleagues who served their time on the Board with exceptional dedication: Bonnie Charpentier, Marinda Wu, and past Executive Director & CEO Madeleine Jacobs.

At our December, 2014 Board meeting, a number of key strategic issues was considered and several important actions were taken.

The Board received reports from nine committees (Board and Joint Board-Council Committees). Of direct significance to many Councilors, the Board voted to increase the level of financial support ACS will provide local sections and divisions as reimbursement to their Councilors for travel to national meetings. The ever-increasing cost of attending our National Meetings, resulting in many of our Councilors experiencing higher out of pocket expenses was the driving factor for this action. The Board also approved moving the 2021 Fall National Meeting (August 22-26) from Boston to Atlanta, and awarding Atlanta the 2026 Spring National Meeting – exact dates are yet to be determined.

Regarding the issue of awards decided to financially support the James Bryant Conant Award in High School Chemistry Teaching for the 2015 and 2016 cycles, unless a sponsor is found, ACS will provide support. We also voted to create a new Board award recognition - The Citation for Exceptional Contributions to the Chemistry Enterprise to acknowledge the efforts of individuals who have made especially distinguishing contributions advancing the broader chemical enterprise.

Continuing with our focus on global presence and advocacy, the Board approved a plan to pursue establishment of several ACS International Chemical Sciences Chapters in 2015, and approved the biennial Public Policy Priorities for 2015-2016. This document will aid the construction of ACS policy positions over the next two years since it will provide guidance to staff resources on Society priorities.

We received our final update from Madeleine Jacobs as Executive Director & CEO. She discussed the emerging American Association of Chemistry Teachers (AACT), the Society's Global Presence efforts, and the activities of Chemical Abstracts Service (CAS) and ACS Publications.

Finally, we heard reports from all three individuals within the ACS Presidential Succession. I personally wish them all the best as they pursue their important goals and continue to meet with internal and external constituencies. We on the Board are profoundly grateful for their energy and dedication to the Society.

On a closing note, I'd like to offer many thanks to all of you for your volunteerism and commitment to our critical programs and governance activities. I look forward to working with my Board colleagues, fellow Councilors and the amazing ACS staff in the coming year – certainly a year of transitions, one filled with challenges and, more importantly, great opportunities.

Pat N. Confalone

MINUTES
REGULAR SESSION
BOARD OF DIRECTORS
AMERICAN CHEMICAL SOCIETY
San Francisco, California
August 10, 2014

The Board of Directors of the American Chemical Society met in San Francisco, on August 10, 2014, beginning at 12:00 p.m. William F. Carroll, Jr., Chair, presided. Other Directors present for all or part of the meeting were: John E. Adams, Tom J. Barton, George M. Bodner, Bonnie A. Charpentier, Pat N. Confalone, Thomas R. Gilbert, Rigoberto Hernandez, Madeleine Jacobs, Valerie J. Kuck, Ingrid Montes, Barbara A. Sawrey, Diane G. Schmidt, Kathleen M. Schulz, and Marinda Li Wu. Present by invitation for all or parts of the meeting were: Brian A. Bernstein, Brian D. Crawford, Denise L. Creech, Manuel Guzman, Mary Kirchhoff, Martha K. Lester, Flint H. Lewis, Robert H. Rich, Glenn S. Ruskin, Ronald E. Siatkowski, David T. Smorodin, John R. Sullivan, Frank E. Walworth, and Marleen G. Weidner. More than three hundred observers were present at various times during the meeting.

Report from Executive Session

William F. Carroll, Jr., Chair, opened the meeting by welcoming the attendees and introduced his Board colleagues. Next, he summarized the key actions and discussion points from the Board's executive session, August 8-9:

- On the recommendation of the Committee on Grants and Awards, the Board voted to approve Society nominations for the 2015 Perkin Medal and the 2015 nominee for the National Science Board Public Service Award.
- On the recommendation of the Committee on Budget and Finance, the Board voted to approve an advance member registration fee of \$390 for national meetings held in 2015.
- The Board received a briefing and approved several recommendations from its Committee on Executive Compensation. The compensation of the Society's executive staff receives regular review from the Board.
- The Executive Director/CEO and her direct reports updated the Board on the following: a summary of a recent survey measuring ACS employee engagement; the ACS's global presence and activities; a recommendation on allocating certain investment income from the ACS Endowment Fund to Project SEED; activities and plans of CAS (Chemical Abstracts Service) and the ACS Publications Division; and a report on "Challenges and Opportunities for ACS, 2015-2017." As a follow-up to the Publications report, the Board voted to appoint or reappoint several editors of Society publications.
- The Board was also updated on the American Association of Chemistry Teachers (AACT), a new organization sponsored by the ACS that is officially launching in September. Members of AACT will receive customized curriculum resources, a peer-reviewed periodical, a subscription to *ChemMatters* magazine, and professional development opportunities, including webinars and workshops. Membership is now open to anyone with an interest in chemistry education.

The Board also:

- Held a discussion on strategic questions related to how we can strengthen ACS's service to chemistry communities and professionals worldwide.
- Received an update on the recruitment process for the Executive Director and CEO position. This position offers wonderful challenge and opportunity. We have retained Korn Ferry International, a large, globally known firm, to conduct the search, and the position is currently being advertised. We hope to complete the process in time to have a new Executive Director and CEO in place January 1, 2015.
- Received reports from the Presidential Succession on their current and planned activities for the remainder of 2014 and 2015.

- On the recommendation of its Committee on Professional and Member Relations, approved a resolution to recognize the contributions of the Organization for the Prohibition of Chemical Weapons (OPCW) in the peaceful application of the chemical sciences to improving people's lives through the transforming power of chemistry.

Presentation

Dr. Carroll then introduced Sam Kean, author of *The Disappearing Spoon* and *The Violinist's Thumb*, both of which were national bestsellers and named Amazon's "Top 5" science books of the year. His newest book, *The Tale of the Dueling Neurosurgeons*, was recently released and is receiving high acclaim. Mr. Kean's stories have appeared in *The New York Times Magazine*, *Mental Floss*, *Slate*, *Psychology Today*, and *The New Scientist*, among other places, and his work has been featured on "Radiolab" and NPR's "All Things Considered," among other shows.

In his presentation, Mr. Kean described his early childhood fascination with the wonders of science, how he came to write *The Disappearing Spoon*, and highlighted some of his favorite people and events connected to various elements on the periodic table. At the conclusion of Mr. Kean's presentations, Dr. Carroll thanked him for a thoroughly entertaining and engaging presentation. Mr. Kean then answered questions posed by members of the audience, and was available afterward to sign copies of his books.

Reports of Officers

President

ACS President Tom Barton urged those present to attend his two major presidential symposia at this meeting – "Hydraulic Fracturing - Where We Are and Where We Are Going," and "Photocatalytic Conversion of Water." He also recommended "Evolving Science and Environmental Impacts of Hydraulic Fracturing."

President-Elect

ACS President-Elect Diane G. Schmidt announced a major presidential symposium on nanotechnology planned for the spring 2015 national meeting, "Nanotechnology: Delivering on the Promise." Co-chaired by Dr. Laurence Doemeny and Dr. Charles Geraci, it will feature 16 senior-level chemical professionals from industry, academe, and government.

Immediate Past President

ACS Immediate Past President Marinda Li Wu gave a brief update on activities in support of her presidential theme "Partners for Progress and Prosperity", including her ACS symposium books, international outreach, and her symposium at this meeting, "Women Leaders of the Global Chemistry Enterprise." She concluded by announcing the new Partners for Progress and Prosperity (P3) Award, which will recognize successful and exemplary partnerships resulting in impactful outcomes between industry, academia, government, small business and other domestic or overseas entities.

Executive Director & Chief Executive Officer

Executive Director & CEO Madeleine Jacobs expressed her gratitude for the personal and professional support that her colleagues on the current and past Boards of Directors, members of the staff, and most especially the members, have given in her positions as Managing Editor and Editor-in-Chief of Chemical & Engineering News and as Executive Director & Chief Executive Officer of ACS. Ms. Jacobs said she is proud of what has been accomplished during her tenure as Executive Director & Chief Executive Officer, and is confident that she is leaving ACS well-positioned with a strong foundation for an even brighter future.

There being no further business, the meeting was adjourned at 12:59 p.m.

Flint H. Lewis
Secretary

**BOARD CHAIR'S REPORT
OF EXECUTIVE SESSION
ACTIONS AND DISCUSSION ITEMS
DECEMBER 2014**

At this meeting, the ACS Board of Directors considered a number of key strategic issues and responded with several actions.

The Board's Elections

The Board of Directors held two elections: the first to select the chair of the Board for 2015 and the second to elect members for its Executive Committee. The Board elected Pat N. Confalone as chair for 2015; and also elected Barbara A. Sawrey, Kathleen M. Schulz, and William F. Carroll, Jr. to fill terms on the Executive Committee. Dr. Sawrey will fill a two-year term, Dr. Schulz will fill the remainder of Dr. Confalone's two-year term (vacated when he was elected chair) and Dr. Carroll will fill a one-year term.

The Board's Committees, Advisory Boards, and Task Forces

The Board of Directors received reports from its Committees on Audits, Executive Compensation, Grants and Awards (G&A), Planning, Professional & Member Relations (P&MR), Public Affairs and Public Relations (PA&PR), the Society Committee on Budget & Finance (B&F), the Joint Board-Council Committee on Chemical Safety (CCS), and the Council Standing Committee on Meetings and Expositions (M&E).

On the recommendation of the Committee on Audits, the Board VOTED to approve new charter language for the committee to include oversight of internal auditing functions.

On the recommendation of the Committee on Executive Compensation, the Board VOTED to approve several actions relative to compensation for the Society's Executive staff. The compensation of the Society's executive staff receives regular review from the Board.

On the recommendation of the Committee on Grants and Awards, the Board VOTED to abolish two Society awards, and to financially support another for the 2015 and 2016 presentations, unless a sponsor is found to support the award.

On the recommendation of the Committee on Professional & Member Relations, the Board VOTED to approve the plan to pursue establishment of several ACS International Chemical Sciences Chapters in 2015; and to approve the recommendations as presented in the final report from the 2014 Task Force on National Meeting Financial Targets.

On the recommendation of the Committee on Public Affairs and Public Relations, the Board VOTED to approve the creation of a new Board award recognition – Citation for Exceptional Contributions to the Chemistry Enterprise – and to approve the biennial Public Policy Priorities for 2015-2016 for the American Chemical Society. This document will guide ACS policy positions over the next two years.

On the recommendation of the Planning Committee, the Board VOTED to approve the proposed ACS *Strategic Plan for 2015 and Beyond*. As a follow-up, the list of possible strategic issues for Board discussion during 2015 will be refined based on the Board's consideration at this meeting and will be circulated for additional comment and ranking for preference.

On the recommendation of the Committee on Budget and Finance, the Board VOTED to include funding for the proposal from the Council Policy Committee (CPC), "Request for Changes to the Councilor Travel Reimbursement Program", in the Society's 2015 Proposed Budget at \$261,000 in net expenses. The action will increase amounts ACS will provide local sections and divisions as reimbursement to their Councilors for

travel to national meetings. The Board VOTED to approve the 2015 Proposed Operating Budget with a Net Contribution of \$12,477,000, as adjusted, to incorporate the net operating expenses of the proposal from CPC (\$261,000); and the 2015 Proposed Capital Budget of \$35,795,000.

The Board received a briefing from the Joint Board-Council Committee on Chemical Safety (CCS), on a report from The National Academies, "Safe Science: Promoting a Culture of Safety in Academic Chemical Research."

On the recommendation of the Council Standing Committee on Meetings and Expositions (M&E), the Board VOTED to move the 2021 Fall National Meeting (August 22-26) from Boston to Atlanta, and award Atlanta the 2026 Spring National Meeting (dates to be determined).

The Board received a report from its Development Advisory Board, and VOTED to approve 2015 fundraising goals; and Project SEED, the ACS Scholars Program, Advancing Chemistry Teaching, and the American Association of Chemistry Teachers as fundraising priorities for 2015.

The Executive Director/CEO Report

The Executive Director/CEO and her direct reports updated the Board on the American Association of Chemistry Teachers (AACT), benchmarking studies in 2014, with a brief report on Real Estate Assessment of CAS Buildings/Property; the Society's Global Presence efforts; options for allocation of the 2015 distribution (\$250,000) to ACS by the Board of Trustees, Group Insurance Plans for ACS Members; and the activities of Chemical Abstracts Service (CAS), ACS Publications, and the Society's General Counsel. As a follow-up, the Board VOTED to approve one reappointment to the ACS Green Chemistry Institute[®] Governing Board.

The Presidential Succession

The Board received reports from the Presidential Succession on their current and planned activities for the remainder of 2014 and 2015.

Other Society Issues

By consent, the Board VOTED to ratify several interim actions: future meeting sites as requested by M&E (Boston – Fall 2024, 2029, 2031; San Diego – Spring 2025, 2031, and Fall 2027; New Orleans – Spring 2027, 2032; and Chicago – Fall 2022); Dr. Kai Rossen as Editor-in-Chief of *Organic Process Research & Development* for a October 1, 2014 to December 31, 2019 term; Dr. David Sedlak as the Editor-in-Chief of *Environmental Science & Technology* and *Environmental Science & Technology Letters* for a October 1, 2014 to December 31, 2019 term; Dr. Sharon Hammes-Schiffer as Editor-in-Chief of *Chemical Reviews*, for a November 1, 2014 to December 31, 2019 term; Dr. Francoise M. Winnik as the Editor of *Langmuir*, for a November 1, 2014 to December 31, 2019 term; and to approve the following: continuation of the Joint Board-Council Committee on Patents and Related Matters; *Professional Employment Guidelines (9th Edition)*, establishment of the South Africa International Chemical Sciences Chapter, and the schedule and location of the Board of Directors Meeting in 2015.

The Board also VOTED to approve resolutions for members Bonnie Charpentier and Marinda Wu, who are leaving the Board this year; and for Madeleine Jacobs, who is retiring as Executive Director and CEO after 11 years, and 24 years with the Society; for their many contributions to the Board and to the Society.

William F. Carroll, Jr.

REPORT OF THE EXECUTIVE DIRECTOR

During 2014, it was an honor to have played a role in the successful outcome of the search for the new ACS Executive Director and Chief Executive Officer. I am thrilled that Dr. Thomas M. Connelly, Jr., began his new position on February 17. Dr. Connelly has just completed a highly successful 36-year-career at the DuPont Company, most recently as Executive Vice President and Chief Innovation Officer. Tom and I have had many in-depth conversations in the past few months and I am more convinced than ever that he will build on a solid foundation to achieve an even brighter future for ACS.

As this is my last written report to Council in my position as Executive Director and CEO, I want to provide a few highlights of 2014, which was another highly successful year for ACS. A full written description of accomplishments in 2014 will be posted on www.acs.org in late February or early March.

These accomplishments are organized around the goals of the ACS Strategic Plan. Financial sustainability supports all of the goals of this plan. ACS had an excellent year, with a net contribution from operations of \$17.9 million (unaudited), \$4.2 million favorable to the 2014 Approved Budget (\$13.7 million). A full report will be provided in Denver by the Society Committee on Budget and Finance. Revenues ended the year at \$499.0 million, which is \$0.7 million favorable to budget and \$8.5 million higher than 2013. These results are due to exceptionally good performance from ACS Publications, better-than-budgeted results from CAS, higher-than-expected investment income, and effective expense management across the ACS. This marks the Society's 11th consecutive year of positive net contributions.

Goal 1 - Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information

- **CAS launched new initiatives.** CAS achieved near record growth in almost all content areas and expanded its sales and marketing internationally. The first wave of new product related initiatives, including NCI Global, Patent Pak,TM and new suppliers participating in CHEMCATS[®], are ready to go to market in early 2015.
- **ACS Publications published 41,062 articles—about 5% greater than 2013.** The “ACS is Open” strategy was launched and Professor Carolyn Bertozzi of the University of California, Berkeley, was selected as the Editor-in-Chief of ACS's first fully open access journal *ACS Central Science*. Additionally, 10 editor-in-chief searches resulted in successful searches, including the Editor-in-Chief of C&EN, Dr. Bibiana Campos Seijo. At the beginning of 2015, ACS had 47 journals.
- **ACS ChemWorx completed its first full year of operation** as a novel free service for research management that combines reference discovery and management, professional networking, group and task management, and manuscript preparation in a single interface. It won the award for best App/eProduct from the Professional & Scholarly Publishing Division of the Association of American Publishers.
- **ACS National Meetings attracted a total of 30,000 participants** and received an award as the “Show with the Most Commendable Green Initiatives” by the 2014 Trade Show Executive's Gold 100 Grand Awards (a prestigious industry award).
- The new **ACS Meeting Abstracts Programming System (MAPS) was introduced** and is working well. It was used for the ACS National Meeting in Denver and more than 10,000 papers were successfully submitted and processed.
- The Kavli Foundation announced that **The Kavli Foundation Emerging Leader in Chemistry Lecture will be extended for another 10 years** in honor of my contributions to and my retirement from ACS. This is in addition to the Foundation's continued support of The Fred Kavli Foundation Innovations in Chemistry Lecture, which was extended another 10 years in 2013. These lectures continue to be very well attended and a centerpiece of ACS National Meetings.
- **ACS International, Ltd., was enhanced and expanded as a key subsidiary for growing ACS information services and membership globally.** At the end of the year, ACS International India was established, enabling ACS to have a physical presence in this major market.

Goal 2 - Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy

- **ACS Career Navigator was launched in early 2014.** It is a new integrated program that seamlessly combines the offerings of ACS Career Services, Professional Education, Leadership Development, and Market Intelligence to more effectively meet the professional needs of members and potential members at all of their varied career stages. There were more than 10,000 substantial engagements that the ACS Career Navigator provided in service of our members.
- **A new social media strategy plan was developed** with input from numerous ACS operating divisions. The goal is developing enhancements to ACS social media tools to increase the number of members worldwide connecting with one another to share and gain information to advance professionally. At the end of 2014, ACS had more than 158,000 members.
- **More than 800 participants enrolled in 55 Leadership Development System courses in 2014.** The ACS Leadership Development System also conducted five Strategic Planning retreats for ACS subunits and the ACS Leadership Advisory Board hosted the 2014 Leadership Institute in Dallas with 350 volunteers.
- The newly re-established **Office of Industry Member Programs created a website specifically tailored for the needs of ACS members working in industry;** improved communications with industry through a complete redesign of the online industry newsletter that led to improved open and click-through rates; and enhanced market research to better understand challenges faced by our industrial members.
- **Member Insurance took several actions to expand its product offerings and extend its market reach,** including Term Life Insurance for ACS members living outside the U.S.; eligibility for ACS Member Insurance to members of the newly formed American Association of Chemistry Teachers; two new business insurance plans for ACS members who consult or own their own business; and the endorsement of a private health insurance exchange which enabled ACS members in all 50 states to have access to licensed insurance agents who will help them navigate the insurance marketplace.

Goal 3 - Foster the development of the most innovative, relevant, and effective chemistry education in the world

- **The American Association of Chemistry Teachers (AACT) was launched on schedule on September 2.** As of February 2, 2015, more than 1,700 individuals have joined AACT, 89% of whom are K-12 teachers. The Dow Chemical Company pledged \$1 million as AACT's sole founding partner. The goals of this new organization are to serve as a trusted source of curricular and pedagogical resources for K-12 chemistry instruction; provide opportunities for chemistry teachers to network with one another and the broader ACS community; and disseminate effective teaching and learning practices at the K-12 level.
- **Outreach to students globally increased through the joint efforts of numerous groups** led primarily by the Membership and Scientific Advancement Division (M&SA) and the Education Division. The Festival de Química, or Festival of Chemistry, was held in Beijing, Shanghai, Lima, and Puerto Rico, reaching over 10,000 participants and training 1,100 volunteers. In collaboration with the Brazilian Chemical Society, M&SA delivered three symposia on graduate chemistry study abroad in the U.S. and Brazil. M&SA also organized a graduate chemistry study abroad session at the Chinese Chemical Society in Beijing attracting over 500 students. Six International Student Chapters based in Egypt, Germany, India, Italy, Malaysia, and Singapore, were chartered this year through a pilot program of International Student Chapters.
- **The new website, *Adventures in Chemistry*, launched in May.** Accessible at www.acs.org/kids, the website is designed to capture the interests and imagination of pre-K and elementary school children.
- **The Office of Research Grants, which includes the Petroleum Research Fund, was successfully merged into the Education Division in November.** The Petroleum Research Fund awarded 192 grants worth \$19.07 million. Dr. William Moerner of Stanford University, a past recipient of a PRF grant, received the 2014 Nobel Prize in Chemistry.

- **ACS received a \$50,000 grant from NSF I-CORPS L program to develop Individual Development Plans for graduate students and postdoctoral scholars** in the chemical sciences. Results of the 2013 ACS Graduate Student Survey were released in June providing valuable information in developing the IDPs.

Goal 4 - Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers

- **The Office of the Secretary and General Counsel's Office of Public Affairs (OPA) launched *Reactions***, a weekly video series that uncovers the chemistry of everyday life. To date, OPA has produced 45 episodes, which have collectively received more than 6.2 million views and amassed more than 63,000 subscribers on YouTube. It is now one of the most popular YouTube channels ever launched by an association, scientific or otherwise.
- **OPA also advanced key ACS policy priorities and successfully made advances on a number of fronts.** Two bills were adopted in the omnibus bill that passed in the 113th lame duck session and one is pending.
- **The Office of the Secretary and General Counsel staff implemented the highly successful Innovation Speaker Series and Let's Chat forums**, attended by more than half the ACS staff in Washington, Columbus, and online. These activities were set up in response to the employee engagement survey in 2012.

Support for ACS Governance and Overall ACS Operations

- Every single division had a **robust plan for implementing the results of the 2014 Employee Engagement Survey**, which had a higher participation rate than 2012 and showed an increase in employee engagement moving firmly within reach of the 75th percentile and a solid increase in overall agree score. Coupled with significant managerial development initiatives under the direction of the Office of Human Resources, the Employee Engagement Survey Implementation Plan is ensuring a more engaged workforce.
- ACS staff supported the ACS Planning Committee and ongoing environmental scans, which resulted in the ***ACS Strategic Plan for 2015 and Beyond***.

In closing, leading ACS with its 2,000 staff members has been a huge honor and is the major duty cited for the Executive Director in the ACS Constitution. The best part of this position is working with talented, dedicated staff. The budgetary results and mission accomplishments, which will soon be posted on the website, are proof that we have managed the successful delivery of Society programs. None of this would have happened without the dedication, skill, and passion of my Executive Leadership Team (Brian Bernstein, Brian Crawford, Denise Creech, Manny Guzman, Mary Kirchoff, Flint Lewis, Scott Oliphant, and John Sullivan), and my administrative staff (Deloris Snoddy, Simanco Staley, and Marleen Weidner). I also worked closely with Ralph Domenick, who provided outstanding support on the development of the Society Programs Portfolio Management Process, which was successfully launched this year. All of these individuals are indispensable colleagues and have contributed enormously to the success of ACS. I will miss working with them on a daily basis.

As a member of the ACS Board of Directors, I have found it deeply gratifying to work with my colleagues on the Board to move ACS to ever greater heights of success. I will greatly miss the interactions I have had with my colleagues, but I look forward to serving ACS as a dedicated volunteer through service on the Pensions & Investments Committee and the ACS Development Advisory Board; as honorary chair of the ACS Scholars 20th Anniversary Appeal; and as Chair of the Committee on Minority Affairs.

Thank you for giving me the honor and privilege of serving as your Executive Director and CEO.

Madeleine Jacobs

REPORT OF THE GOVERNING BOARD FOR PUBLISHING
TO ACS COUNCIL

The following is a brief summary of the July and November 2014 meetings of the Governing Board for Publishing.

CAS (Chemical Abstracts Service)

CAS management reported on CAS progress in 2014 on specific objectives and financial performance. The Division will end 2014 by meeting its mission-related objectives as well as its financial contribution target to ACS. The CAS Strategic Growth/Optimization Plan's original timeline and deliverables are on track with the first wave of product-related initiatives ready to go to market in the near future. Pricing initiatives and global resource expansion have significant momentum and are already delivering benefit. On the IT process and organizational review front, a new Chief Technology Officer was hired. The organization and process workflow designs are now completed and new technologies are being installed.

ACS Publications

ACS Publications Division management reported on the Division's operational highlights. The Division has made good progress against objectives tied to new product development within ACS Journals and *C&EN*, the Unified Architecture Initiative with CAS, and pursuit of the ACS Publications Division Open Access strategy. The Division's overall financial performance will be strong in 2014. The Division is experiencing sustained growth in manuscript submissions, article publications, web usage, and institutional subscription revenues from across the Society's journals portfolio—in keeping with the assumptions in the Division's 2014 Approved Budget and Strategic Plan for 2014-2016. ACS Publications has featured the core elements of the "ACS is Open" strategy via its marketing messaging as part of promotional outreach that is being sustained throughout 2014, so as to position the Society as an open access publisher.

Madeleine Jacobs, Chair

DRAFT
MINUTES
COUNCIL POLICY COMMITTEE
AMERICAN CHEMICAL SOCIETY
San Francisco, California
August 12, 2014

The Council Policy Committee (CPC) of the American Chemical Society met in San Francisco, California, on August 12, 2014, beginning at 8:00 a.m. Vice Chair Alan Ehrlich presided upon the departure of the Chair. Other voting members present were: Harmon B. Abrahamson, Lawrence Barton, Tom Barton, Frank D. Blum, Mary K. Carroll, Judith H. Cohen, Madeleine Jacobs, Peter C. Jurs, Lee H. Latimer, Mamie W. Moy, Carolyn Ribes, Diane Grob Schmidt, Eleanor D. Siebert, Angela K. Wilson, and Marinda Li Wu. Flint H. Lewis served as Secretary.

The following chairs of Society, Elected, and Standing Committees of the Council, all non-voting members of the Council Policy Committee, attended all or portions of the meeting: Dawn A. Brooks, Bonnie A. Charpentier, Richard D. Cobb, Donna G. Friedman, James M. Landis, Louise M. Lawter, Michael J. Morello, and Martin D. Rudd. Present by invitation for all or part of the meeting were: William F. Carroll, Jr. and Frank E. Walworth. Several Councilors, ACS staff, and others were present as observers at various times during the meeting.

Approval of Minutes

1. VOTED that the Council Policy Committee approve the minutes of the March 18, 2013, meeting of the committee, as amended to substitute "30%" for "8%" in the minutes of the report of the Task Force to Review the Councilor Travel Reimbursement Policy.

Reports of Committee Chairs and Society Officers

The Council Policy Committee divided into four subgroups for the purpose of reviewing the proposed oral reports to Council of officers and committee chairs. The subgroups met from 8:15 to 9:15 a.m.; Mamie W. Moy (for Tom Barton), Carolyn Ribes (for Marinda Li Wu), Diane Grob Schmidt, and Alan M. Ehrlich served as chairs of the subgroups.

Upon reconvening at 9:30 a.m., the committee received reports from the chairs of the subgroups, with the reports emphasizing items for which Council action would be required on August 13. In the subgroups, reports were presented by the officers and by the chairs of the Elected Committees on Committees and on Nominations and Elections; the Society Committees on Budget and Finance and on Education; the Standing Committees on Constitution and Bylaws, Divisional Activities, Economic and Professional Affairs, Local Section Activities, Meetings and Expositions, and Membership Affairs; and the Joint Board-Council Committees on Environmental Improvement, International Activities, Professional Training, Public Relations and Communications, Science; Senior Chemists, Women Chemists, and on Younger Chemists; and the Council Other Committees on Ethics, Project SEED, and on Technician Affairs; including reports on progress and recommendations resulting from their work during their sessions held in San Francisco, California, prior to the CPC meeting. By individual actions, CPC concurred in certain recommendations to be made to Council by the committees. These appear below and, as appropriate, in the record of the August 13 Council meeting. All references in these minutes to actions and reports relate to the August 13, 2014 meeting of the Council.

2. VOTED that the Council Policy Committee authorize the use of projected graphics as part of the reports to Council by the Committees on Budget and Finance, Chemistry and Public Affairs, Committees, Constitution and Bylaws, Divisional Activities, Economic and Professional Affairs, Ethics, International Activities, Local Section Activities, Meetings and Expositions, Nominations and Elections, Public Relations and Communications, and Younger Chemists.

3. VOTED that the Council Policy Committee authorize the use of projected graphics as part of the reports to Council by the Immediate Past President and the President-Elect.
4. VOTED that the Council Policy Committee authorize additional time for the reports to Council by the Executive Director.
5. VOTED that the Council Policy Committee authorize the following committees and officers to place items on the seats at the Council meeting: Committee on Education (brochure on the American Association of Chemistry Teachers), Committee on Local Section Activities (National Chemistry Week), the Immediate Past President (on a new regional award), and the President-Elect (2015 symposium).
6. VOTED that the Council Policy Committee concur with the Committee on International Activities' recommendation that Council approve the establishment of an International Chemical Sciences Chapter in South Africa (subject to concurrence of the Board of Directors).
7. VOTED that the Council Policy Committee concur with the Committee on Economic and Professional Affairs' recommendation that Council approve the Professional Employment Guidelines.

Report of the Council Policy Committee Vice-Chair

Vice-Chair Alan Ehrlich summarized the activities of several CPC subcommittees and task forces, including the Subcommittee on Constitution & Bylaws, the Subcommittee on Long-Range Planning, the Task Force on Councilor and Member Duties and Responsibilities, the Task Force to Review the Councilor Travel Reimbursement Policy, the Task Force on Guidelines on Surveys and Straw Polls, and the Joint N&E-CPC Task Force on Election Timelines. Dr. Ehrlich reported that the Committee on Local Section Activities (LSAC) is requesting that the petition from the Philadelphia Local Section to move the Ocean County, NJ Local Section into the Philadelphia Local Section be removed from the Council Agenda. Instead, LSAC wants to revise the agenda to dissolve the Ocean County Section due to inactivity and lack of response to an action plan that would have assisted in reviving the section. In the discussion that followed, LSAC Chair Martin Rudd reported that after the Council agenda had been distributed, a Councilor from the South Jersey Section said that his section, which shares a short border with Ocean County Section territory, had erroneously been omitted from consideration as a potential section to annex the Ocean County territory.

8. VOTED that the Council Policy Committee amend the Council Agenda to remove the Petition for Change in Section Territory.
9. VOTED that the Council Policy Committee concur with the Committee on Local Section Activities' recommendation that the Ocean County section be dissolved for inactivity.

Dr. Ehrlich described the other action items in the Council agenda.

10. VOTED that the Council Policy Committee concur with the Committee on Committees' recommendation that two committees be continued.

Reports of CPC Subcommittees and Task Forces

A. Report of the Subcommittee on Constitution and Bylaws

Subcommittee chair Harmon B. Abrahamson reported that the subcommittee had met jointly with the Task Force on Councilor and Member Duties and Conduct due to overlap in the membership and responsibilities of the two entities. The subcommittee had discussed the petition and procedures for Member expulsion and the petition and procedures for Councilor/Alternate Councilor removal. Dr. Abrahamson reported that the subcommittee recommends a new name for itself to avoid confusion with the Council Standing Committee on Constitution and Bylaws.

11. VOTED that the Council Policy Committee changed the name of its Subcommittee on Constitution and Bylaws to the Subcommittee on Petitions, Constitution and Bylaws.

B. Report of the Subcommittee on Long-Range Planning

Subcommittee chair Carolyn Ribes reported on the following activities of the subcommittee: It expanded its ACS Councilor Mentorship Program Survey to include new Alternate Councilors who requested mentors, and prepared an online survey that will be distributed on August 29 to all new Councilors and Alternate Councilors who are participating in the program. Plans are underway to cosponsor a *Strategy Café Ice Cream Social* with the ACS Undergraduate Program Advisory Board at the ACS 2015 Spring National Meeting in Denver, Colorado. The subcommittee will edit draft guidelines on the topic selection and conduct of Council Special Discussions. The subcommittee and the Committee on Planning will host a number of discussions during this fall national meeting on the top five trends of the “Forces Affecting the Future of the Chemistry Enterprise” research project.

C. Task Force on Councilor and Member Duties and Conduct

Harmon Abrahamson, task force chair, reported that in its joint meeting with the Subcommittee on Constitution and Bylaws, and in work completed prior to that meeting, the task force had made good progress in developing bylaw amendment language and procedures for recalling Councilors and Alternate Councilors and for expelling ACS members for conduct injurious to the Society. He is collecting signatures for the Member expulsion bylaw amendment petition and it should be ready for consideration at the 2015 spring ACS national meeting. Dr. Abrahamson said that more work is needed to develop a bylaw amendment petition to allow for the recall of Councilors and Alternate Councilors. CPC members discussed this report, the advantage in developing procedures outside the bylaws for removal and expulsion, and possible definitions for the phrase “conduct injurious to the Society.”

12. VOTED that the Council Policy Committee supports the approach presented by its Task Force on Councilor and Member Duties and Conduct for removal of Councilors and Alternate Councilors for neglect of duties and expulsion of members for conduct injurious to the SOCIETY.

D. Task Force on Guidelines on Surveys and Straw Polls

13. VOTED that the Council Policy Committee discharges the Task Force on Guidelines on Surveys and Straw Polls with thanks for completing its work.

E. Task Force to Review the Councilor Travel Reimbursement Policy

Lee Latimer, the task force chair, reminded the committee that it had approved the task force’s recommendations at its spring meeting. The task force then collected additional information and submitted its report to CPC, and to the Committee on Budget and Finance, which will review the proposal formally in December and make a recommendation for action to the Board of Directors. Dr. Latimer suggested that the task force be kept active in case the Board of Directors recommitted the proposal back to CPC for further information or action, but his wish was that the Board would take an up or down vote on the proposal. He understood that the proposal would require a 30% increase in the cost of the Councilor travel reimbursement program, and that some in ACS leadership will be concerned about how the money can be identified, but noted that the costs of travel, food and lodging for ACS national meetings had been increasing rather significantly. In the discussion following the report, a question was raised about the “base” amount. Dr. Latimer said that the current base is \$1468, of which the program reimburses local sections and divisions up 75% of that base amount, or \$1100. The proposal would increase the reimbursement level to 80% or a base of \$1400, whichever is smaller. The proposal affects the non-Councilor travel reimbursement costs, as that reimbursement is limited to 50% of the Councilor reimbursement limit.

Summary of Councilor Travel Expenses

Dr. Ehrlich called attention to the Councilor travel reimbursement program summary for the spring 2014 national meeting, which was in the committee agenda.

Schedule of Business Sessions

The following schedule of activities at the spring 2015 National Meeting is the result of previous authorization by the Council Policy Committee:

Board of Directors:	Sunday, March 22
Council Policy Committee:	Tuesday, March 24
Council:	Wednesday, March 25

Society Committees: executive and open sessions to be set by each body, provided that at least one executive session be set prior to the Board of Directors meeting, and at least one open session be set prior to the Council meeting if the committee agenda contains any issue to be voted upon at the Council meeting.

Standing Committees of the Council: executive and open sessions to be set by each committee, with the concurrence of the Committee on Committees, provided that at least one executive session be set no later than Tuesday morning, and at least one open session be set prior to the Council meeting if the committee agenda contains any issue to be voted upon at the Council meeting.

Council Agenda

14. VOTED that the Council Policy Committee approve the Council Agenda, as amended, for the August 13, 2014 meeting of the Council.

CPC and Council 2014 Budgets

ACS Secretary Flint Lewis reported on the CPC and Council budgets and explained the various categories of their expenditures.

Open Forum

Kathryn Lysko of the Philadelphia Section asked how she could get a Councilor mentor, and Carolyn Ribes offered to assist her in identifying one.

The committee then discussed options for increasing the use of electronic-only Council agendas and made comments on the ease with which Council agendas can be accessed and used electronically; the fact that only 189 out of 936 Councilors and Alternate Councilors requested electronic agendas for this Council meeting; the option of providing only action items and related materials in hard copy and the rest of the agenda electronically; the expense, space requirements, and safety issues in providing power strips for Councilors to connect to their computers and other devices; and the merits of requiring Councilors to opt-in to receive hard copy agendas. It was suggested that the CPC Vice-Chair report to Council that CPC was considering an opt-out policy in order to receive hard copy Council agendas.

Old Business

Richard Cobb, chair of the Committee on Nominations and Elections, reported that N&E was implementing the recommendations of the Joint N&E-CPC Task Force on Election Procedures in 2015. The four were (1) official campaigning begins one week after the spring Council meeting, (2) those seeking to become petition candidates for national ACS office should notify N&E to receive relevant information, (3) candidate material will be published in C&EN two weeks after the fall ACS national meeting, and (4) the balloting period will be reduced from 6 to 4 weeks.

New Business

Mary Carroll presented on the “ACS Leadership Development System: Your Competitive Advantage” and made the following key points: The ACS Leadership Development System (LDS) is your opportunity to learn essential skills to strengthen your competitive edge in today’s global economy. The LDS courses are designed to address critical needs. More than 45 courses are offered throughout the year at various ACS meetings. LDS will also customize and facilitate strategic planning retreats for ACS groups to help them set goals, strategies and plans and energize the teams for action. CPC members were encouraged to ask colleagues, students and the next generation of chemists to take advantage of LDS course to develop their leadership potential.

Dr. Ehrlich thanked the departing CPC members, Mamie Moy, Eleanor Siebert, and Marinda Li Wu, for their service on the committee. The committee offered special thanks to retiring Executive Director and CEO Madeleine Jacobs for her years of excellent service to the committee and to ACS.

15. VOTED that the Council Policy Committee approve revisions to its CPC Guidelines for Visual Presentations to Council.

There being no additional old or new business, the meeting was adjourned at 12:00 p.m.

Flint H. Lewis
Secretary

REPORT OF THE COMMITTEE ON COMMITTEES

The Committee on Committees (ConC) submitted its final recommendations for 2015 Committee Chairs, members, associates, and consultant appointments for consideration by the President-Elect and the Chair of the Board of Directors. The committee appointment letters were sent by year-end.

During the appointment process, ConC introduced the new online Committee Appointment Consent Form. The purpose of the consent form is to expedite the responses of members, associates, and consultants who agree to accept or decline an appointment on a committee. Those who agree to serve on a committee are consenting to prepare for, attend, and participate in the committee meetings; and support the mission of their assigned committee.

The ConC Leadership Development Subcommittee conducted its annual training session for new Committee Chairs and their staff liaisons in Dallas, Texas, in late January 2015, as a component of the ACS Leadership Institute. 11 new Chairs, with their staff liaisons, attended. This training continues to receive very favorable reviews from participants.

Councilors and other interested parties are invited to attend the committee's open meeting on Monday, March 23, from 1:30-2:00 p.m., to offer their views on any topics on the agenda, and other matters of interest.

In closed executive session, ConC will receive reports and consider recommendations from its subcommittees on leadership development and diversity. ConC will receive updates on 5-year performance reviews for the Committees on Analytical Reagents, Chemical Abstracts Service, Community Activities, Publications, Public Relations and Communications, and Women Chemists, and expects to seek Council approval in Denver on recommendation for the continuance of the Committees on Ethics and Science. The committee will also develop recommendations for the 2016 Committee Chairs for the Society, Standing, Joint Board-Council and Other Committees of Council.

All Councilors are reminded to complete their online committee preference form for 2016, during the period of March 30-June 5, 2015 at <https://www.yellowbook.acs.org/>. Please remember that those finishing a term or who will reach the statutory limit on a committee are strongly encouraged to complete the online form to reaffirm your interest and commitment to service in the Society. You can also use this system to update your Yellow Book contact and biographical information throughout the year.

The committee is collaborating with CPC on the New Councilor Orientation on Saturday, March 21, from 4:00-7:00 p.m.

There will be an interactive session for the Chairs of all Council-related committees on Monday, March 23, from 2:00-2:45 p.m. Please note the new time of the interactive session.

Wayne E. Jones, Jr., 2015 Chair
Dawn A. Brooks, 2014 Chair

Mr. Flint H. Lewis
Secretary, American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036

Dear Mr. Lewis:

I propose the following MEMBERS for consideration by the Committee on Committees for service on the following committees for 2016:

Standing Committees (Appointed by the President)

Constitution and Bylaws (C&B) _____

Divisional Activities (DAC) _____

Economic and Professional Affairs (CEPA) _____

Local Section Activities (LSAC) _____

Meetings and Expositions (M&E) _____

Membership Affairs (MAC) _____

Other Committees (Appointed by the President)

Analytical Reagents (CAR) _____

Ethics (ETHX) _____

Nomenclature, Terminology and Symbols (NTS) _____

Project SEED (SEED) _____

Technician Affairs (CTA) _____

Society Committees (Appointed by the President and Board Chair)

Budget and Finance (B&F) _____

Education (SOCED) _____

Joint Board-Council (Appointed by the President and Board Chair)

Chemical Abstracts Service (CCAS) _____

Chemical Safety (CCS) _____

Chemistry and Public Affairs (CCPA) _____

Chemists with Disabilities (CWD) _____

Community Activities (CCA) _____

Environmental Improvement (CEI) _____

International Activities (IAC) _____

Minority Affairs (CMA) _____

Patents and Related Matters (CP&RM) _____

Professional Training (CPT) _____

Publications (PUBS) _____

Public Relations and Communications (CPRC) _____

Science (ComSci) _____

Senior Chemists (SCC) _____

Women Chemists (WCC) _____

Younger Chemists (YCC) _____

Sincerely,

(Senders Name/Email)

(Senders Affiliation)

REPORT OF THE COMMITTEE ON NOMINATIONS AND ELECTIONS

At its fall meeting in San Francisco, the Committee on Nominations and Elections (N&E) developed slates of potential candidates for President-Elect, 2016; Directors-at-Large, 2016-2018; and Directors from Districts I and V, 2016-2018.

A “President-Elect Nominee Town Hall Meeting” will be held in Denver on Sunday, March 22, from 4:30 p.m. – 5:30 p.m. This well-attended forum continues to facilitate interaction among the 2016 President-Elect nominees, Councilors and other members using a moderated question and answer format.

In executive session at this meeting, N&E will develop slates of potential candidates for the Council Policy Committee and the Committee on Committees for 2016-2018. As in the past, N&E welcomes suggestions from Councilors of qualified members as potential candidates for all elected ACS offices - please let us hear from you.

N&E supports the Petition on Preferential Voting, which would provide for the use of preferential balloting in national elections for nominees and candidates, where necessary, to achieve a majority of votes to win an election. This petition is under consideration and is contained in the Council agenda for the Denver meeting.

Preferential voting is used currently in two ACS key national elections: Electing a President-Elect and electing a District Director to the Board of Directors whenever there are more than two candidates for each office. This procedure has been in place for twenty years, and petitioners believe preferential voting is well received within ACS. Preferential voting was adopted to ensure that the ultimate victors in the election were elected by a majority, rather than a plurality of votes cast. This petition proposes to add preferential voting for a third national election: the election of two or more Directors-at-Large to the Board of Directors. The underlying procedural details currently listed in the Bylaws would be removed and incorporated into a procedures document to be developed by N&E and approved by Council. Members wishing to comment on the procedures are invited to attend the N&E Open Executive Session on March 23, 11 a.m. to Noon, Hyatt Regency Denver at Colorado Convention Center.

N&E is always pleased to receive suggestions from Councilors of qualified members as potential candidates for ACS Elected Committees, Members of the Board and President-Elect through nomelect@acs.org. We will have a staffed N&E table at the rear of the Council meeting room, as well as an open meeting on Monday, March 23, from 11:00 a.m. - 12:00 noon, to receive your suggestions or hear your concerns. As an alternative means of obtaining information and communication with N&E, please visit the ACS Web Site at www.acs.org; under “Governance” click on “Committees” and then select “Nominations & Elections” or send an email to us at nomelect@acs.org.

D. Richard Cobb, Chair

REPORT OF THE COMMITTEE ON BUDGET AND FINANCE

The Society Committee on Budget and Finance met on December 5 and 6, 2014, to review the Society's probable financial results for 2014 and to consider the 2015 Proposed Operating and Capital Budgets.

The Society is projected to end the year with a Net Contribution from Operations of \$16.2 million, or \$2.5 million favorable to the 2014 Approved Budget. After including the Member Insurance Program, the Society's projected Net Contribution for 2014 is \$16.1 million or \$3.0 million favorable to the Approved Budget.

The committee reviewed a proposal from the Council Policy Committee (CPC), and voted to recommend to the ACS Board of Directors that funding for the *Request for Changes to the Councilor Travel Reimbursement Program* be included in the 2015 Proposed Budget.

Finally, the committee voted to recommend to the ACS Board of Directors that it approve the 2015 Proposed Operating Budget with a projected Net Contribution of \$12.5 million, after adjusting to incorporate the net operating expenses of the proposal from CPC. The committee also voted to recommend to the ACS Board that it approve the 2015 Proposed Capital Budget of \$35.8 million.

Kristen M. Omberg, 2015 Chair
Bonnie A. Charpentier, 2014 Chair

REPORT OF THE COMMITTEE ON EDUCATION

This report updates the Council on SOCED's progress in implementing the actions to which it agreed in San Francisco, and highlights significant accomplishments of the Society's education programs.

The new American Association of Chemistry Teachers (AACT) launched on September 2. At launch, the website featured 120 high school, 18 middle school, and 13 elementary school resources in 15 categories; 22 pieces of original multimedia; hundreds of auxiliary files; and information on upcoming events. AACT ended the year with 1,571 members. The Dow Chemical Company's gift of \$1 million established Dow as the Sole Founding Partner of AACT.

SOCED dismissed with thanks the Two-Year College Advisory Board (TYCAB) in response to a reorganization within the Education Division. Five members of TYCAB have been appointed to the Undergraduate Programs Advisory Board. Support for students at the two-year college level has been fully integrated into the Undergraduate Programs Office, with faculty needs addressed through a new position focused on faculty development.

The Office of Research Grants (ORG) joined the Education Division in November. ORG includes the Petroleum Research Fund, the Irving S. Sigal Postdoctoral Fellowships, the Teva Pharmaceuticals Scholars grants, and the Herman Frasch Foundation for Chemical Research grants.

The Science Coaches program continues to flourish, with a record number (201) of partnerships established for the 2014-2015 school year.

Diane Krone, 2015 Chair
Andrew D. Jorgensen, 2014 Chair

REPORT OF THE COMMITTEE ON SCIENCE

Since its last Council report, ComSci has remained focused on three areas; increasing understanding of the emerging frontiers in science, recommending eminent chemical scientists for prestigious external awards, and developing public policies to advance science in society.

Regarding emerging frontiers in science, ComSci is reaching out to other groups to increase understanding and identify opportunities in two priority multidisciplinary areas holding great promise for innovation and chemistry-related scientists: advanced materials and the chemistry of clean/renewable energy. The committee is organizing symposium in Denver and Boston to help identify such opportunities, and will coordinate other efforts, as well, in 2015. The symposium in Denver, a presidential event, will focus on advanced materials for solar energy and features leading representatives from industry, academia, and government.

ComSci also will continue work to identify other emerging areas by eliciting insights from top chemical scientists from industry, academia and government - including eminent researchers and rising stars - through surveys, outreach, and other forums.

After reviewing and favorably recommending four policy statements at its last meeting (Visa Restrictions and Scientific Progress, Sustainability and the Chemical Enterprise, Scientific Insight and Integrity, and a Competitive U.S. Business Climate), the committee endorsed a statement last fall on Science and Technology in the Federal Budget. Currently, ComSci is leading efforts with other ACS committees on a new policy statement on hydraulic fracturing.

Following ComSci's work on submitting a nominee for the high-profile Grand Prix Award in France, the committee is currently working on its annual recommendation of an eminent chemical scientist for the Presidential National Medal of Science. The chair also recently completed work as part of the ACS Presidential Task Force on Supply and Demand—a final report from which is pending.

Katherine C. Glasgow, Chair

REPORT OF THE COMMITTEE ON MEETINGS AND EXPOSITIONS

The official attendance at the 248th National Meeting in San Francisco, CA, totaled 15,774. The exposition in San Francisco had 439 booths with 290 exhibiting companies.

The committee voted to recommend to the ACS Board of Directors the following cities for the sites of National Meetings:

- Boston – Fall 2024, 2029, 2031
- San Diego – Spring 2025, 2031, and Fall 2027
- New Orleans – Spring 2027, 2032
- Chicago – Fall 2022

Recently Boston, San Diego, San Francisco and New Orleans have been recommended for a three-meeting cycle. This new M&E policy provides significantly greater negotiating power when leasing the convention center. The negotiations for both San Francisco and New Orleans are virtually complete and this policy has created a dramatic reduction in the cost of the convention center.

The Democratic National Committee has Philadelphia, PA as a finalist for the Presidential Convention in 2016. The dates for the Fall ACS National Meeting in 2016 conflict with the proposed dates of the Democratic Convention. We have been asked to move our meeting forward one week should Philadelphia's bid be accepted by the DNC. M&E voted to consider moving the meeting from August 18 – 24 to August 25 – 31 if the financial incentive provided to ACS by the City of Philadelphia is acceptable.

The committee heard an update on Meeting Abstracts Programming System (MAPS). The new system launched on August 25th in preparation for the Denver national meeting. 2015 Regional Meetings and specialty conferences will begin to use MAPS in January.

In support of the ACS's role as a leader in sustainability, the committee approved the proposal to include an option within the registration process to allow registrants to make a \$1 tree-planting donation through the American Forests Program.

The committee spent considerable time debating the recording policy for attendees at our meetings. The current policy precludes all photography and recording of technical sessions and posters without the permission of ACS. Despite an expanded educational effort on this policy, M&E has noticed a significant increase in the number of attendees violating this policy. M&E voted to strengthen the policy by including enforcement language in the recording policy.

M&E initiatives in Denver will include:

- 2016 Registration Fee
- Continued implementation of electronic resources to enhance member experience
- DNC Update

Will E. Lynch, Chair

REPORT OF THE COMMITTEE ON DIVISIONAL ACTIVITIES

The Committee on Divisional Activities (DAC) is coordinating with the Committee on Meetings and Expositions to address the policy regarding the use of recording devices to capture/disseminate presentations at ACS meetings. The current policy reads as follows: “The use of any device to capture images (*e.g.*, cameras and camera phones) or sound (*e.g.*, tape and digital recorders) or to stream, upload or rebroadcast speakers or presentations is strictly prohibited at all official ACS meetings and events without the express written consent from the ACS.”

In 2015, the two committees will increase efforts to publicize the policy among national meeting attendees, and explain why it exists. In addition, national meeting attendees will be surveyed to obtain their views on the policy. The two committees will report their findings to the Committee on Professional and Member Relations later in the year.

DAC is currently working with divisions to create and maintain a process by which division ‘best practices’ can be collected, evaluated, and shared. DAC recognizes that divisions confront similar challenges and opportunities, and the committee is working with divisions to develop a process through which best practices can be more readily evaluated and, if appropriate, adapted by other divisions.

DAC continues to coordinate with the Committee on International Activities to provide divisions with enhanced resources to help them engage and collaborate more effectively with international scientists. Later in the year, the two committees will share new information with the divisions to help them achieve this goal of greater international engagement.

At the San Francisco meeting, DAC awarded ChemLuminary Awards to two divisions for innovative programs and outstanding service: The Division of Organic Chemistry and the Rubber Division. The Division of Environmental Chemistry and the Northeastern Local Section received the joint DAC/Local Section Activities Committee award for outstanding collaborations between ACS Divisions and Local Sections.

In Denver, DAC will consider another round of Innovative Project Grants (IPG). Before the Denver National Meeting concludes, DAC will contact divisions that submitted an IPG proposal, and alert them to the outcome.

Michael J. Morello, Chair

REPORT OF THE COMMITTEE ON LOCAL SECTION ACTIVITIES

The Committee on Local Section Activities hosted the local section track of the ACS Leadership Institute on January 23-25 in Dallas, TX. All incoming chairs-elect, as well as other interested local section officers were invited to attend this important training. A total of 141 delegates, representing 114 local sections participated in the Institute. Twenty-one sections sent more than one representative and one section sent four representatives. Local Sections are encouraged to prepare to send at least one representative to the 2016 Institute. For the first time, LSAC offered a special workshop: "Getting Your Section Back on Track" to support those leaders who need assistance with re-invigorating their section. In addition, LSAC will be offering collaborative project mini-grants to support joint local section projects that were developed during the Leadership Institute.

LSAC held a conference call with the sections interested in the status of the former Ocean County Local Section territory. The committee decided to monitor the situation and to provide information to the ACS members residing in this unassigned territory to encourage them to participate in events and activities being held in their neighboring sections. LSAC continues to monitor the health and vitality of those sections that have low membership levels and minimal member engagement. All local section Councilors are encouraged to view the last annual report of the section as well as the comments from LSAC and work with their executive committees to ensure that their section is thinking of ways to continue their success as well as to address any concerns of the section.

LSAC is pleased to report the following progress since the San Francisco national meeting:

- LSAC hosted the following webinars--
 - Getting Involved with AACT & ChemClubs Webinar", September 24, 2014
 - Pre-Leadership Institute Leaders Webinar, January 15, 2015.The transcripts of these webinars can be found at www.acs.org/getinvolved (Click on Local Sections and then Training and Support).
- All 2014 local section chairs received a Past Chair pin and a letter from the committee recognizing their efforts as chair.
- ACS Leadership Development System courses were hosted by seven local sections to provide their members with skills that can be used in both their volunteer and professional roles. LSAC provided the funding for these courses.
- The "Local Section Innovative Projects Grant Program" (IPG), now in its 12th year, continues in 2015. Local Sections are encouraged to submit proposals for the June 30th deadline. Program information and grant applications are available at www.acs.org/getinvolved (click on Local Section Volunteer Resources and then Funding and Financials).
- LSAC posted a summary of the 2013 Local Section Annual Reports at www.acs.org/getinvolved (click on Local Sections and then Annual Report Information).

Martin Rudd, Chair

REPORT OF THE COMMITTEE ON MEMBERSHIP AFFAIRS

The Society continues to attract large numbers of new members, nearly 24,000 in 2014. However, as of December 31, 2014 the ACS membership stood at 158,401 which is a 1.7% loss from the prior year. Understanding that the U.S. chemical enterprise is still suffering the effects of mergers and acquisitions and our members and other colleagues face a slowly improving job market and global economic challenges, we are very grateful to be able to report that the overall membership retention rate for 2014 was a very robust 83.56%.

The Society also continues to see solid growth in our Student Member undergraduate population, the pipeline of the future. The loss in membership is occurring, not from an increase in the loss of new members or Student Members, or from a decline in Retired or Emeritus Members, but rather in the number of Regular Members who pay the full amount of the member dues.

The Membership Affairs Committee (MAC) would like to extend its thanks to the members who nominated the 4,093 new paid ACS members as part of the 2014 ACS Member-Get-a-Member (MGM) campaign. For each nomination made on the MGM web site or application resulting in a paid member, the nominator received the current ACS Periodic Table Throw. Go to acs.org/MemberGetMember to get yours!

The divisions and local sections that participated in the ACS President's Challenge are also to be applauded. These divisions recruited 718 new ACS members and the local sections brought in another 1,337 new members in 2014, for a total of 2,055. That was an increase of 1,094 over the results from 2013. For each new paid member the local section or division received a \$15 commission. The total of commissions paid in 2014 was \$30,825. The committee is grateful for its partnership with 2014 ACS President Tom Barton, who promoted this effort.

MAC began a series of market data collection tests in 2013:

1. MAC is testing an extension of the maximum benefit period of dues waivers for unemployed members from two to three years. Results of this test will be available as these members make their decisions in the next 12 months to renew their membership in the ACS or not, currently there are 183 individuals on the third-year waiver.
2. ACS International Chemical Science Chapters were challenged to recruit and offered a \$15 commission for each new paid ACS member they recruited. The six chapters have recruited a total of 12 new ACS members - six from Thailand, two each from Hong Kong, and Malaysia, and one each from Shanghai and South Korea.
3. MAC is also working with staff to improve renewals by offering the options of automatic dues renewal and incremental payment of dues. The automatic dues renewal functionality was launched July 1, 2014. As of January, 29, 2015, 3,063 members have chosen autorenewal - 133 who were reinstating and 287 at first join.
4. In an effort to increase the number of reinstating Regular Members, past members were offered the opportunity to rejoin ACS for one year at a 15% discount, for two years at a 20% discount, or for three years at a 25% discount. In November of 2014, the ability for people to receive the discount when they reinstate using the Online Membership Application was created. The members needed to be responding to a specific email campaign to get the discount. The results were 119 new members from the campaign.
5. MAC has approve an introductory test that would provide to ACS members residing in India a 66% discount on Member dues in all categories which equates to a \$54 full Member dues rate. At the Dallas National Meeting in the spring of 2014, the full committee voted to extend the test to include new and renewing members in India for three years. This test addresses the income disparity between chemists in India and the United States consistently with the World Bank model. As of January 29, 2015, 275 new members have joined from India at the reduced dues rate.

6. Based upon the test in India, MAC approved development of testing to collect data on the adjustment of ACS dues prices in countries identified by the World Bank as below the average gross national income level of the U.S. This test will commence when certain online web applications can be made available for new member applications and renewals reflecting the adjusted dues amounts.

MAC will continue to develop new tests to collect market data to inform the Council about ways to support ACS member retention and recruitment efforts. And, as new data becomes available, it will be reported to Council.

MAC is working closely with the International Activities Committee on the growth of our global membership and the ACS International Chemical Sciences Chapters. MAC is anxious to continue that cooperation with IAC and the international chapters.

ACS President Diane Grob Schmidt has initiated a new member pilot program by inviting the department heads of the U.S. PhD-granting academic institutions to join her in gifting ACS membership to their award-winning students. The committee appreciates her leadership in this effort.

James M. Landis, Chair

REPORT OF THE COMMITTEE ON ECONOMIC AND PROFESSIONAL AFFAIRS

The Committee on Economic and Professional Affairs (CEPA) continues to monitor the health of the chemistry enterprise and particularly the state of the employment market. Improving conditions continue to prevail in the job market with the unemployment rate for ACS domestic members dropping to 2.9% in 2014 - the lowest level since 2008. Importantly, the drop in the unemployment rate is attributable to proportional increases in the full-time labor force and not individuals accepting part-time work or a postdoctoral fellowship while they continue their full-time search. Layoffs continue to be a concern, but recent measurements by the Bureau of Labor and Statistics' (BLS) Job Openings and Labor Turnover Survey in late 2014 shows U.S. workers in all economic segments are becoming more comfortable with the employment market and are voluntarily seeking job opportunities, as opposed to involuntarily leaving jobs, at a ratio not seen since pre-recession years. The total number of chemistry-related positions and job openings has also been continuing to grow at a steady clip of over 3% according to BLS's 2012-2013 National Occupational Employment and Wage Estimates, though a shift in the proportion of the various chemistry job sectors has been observed.

While domestic unemployment was down, not all employment indicators were positive. An area of particular concern was that salaries remained relatively flat for 2014. After taking inflation into account, salaries have declined 1.5% since 2013, and around 10% since 2008, according to the ACS Comprehensive Salary and Employment Survey. There is hope that improvements may be on the horizon as positive signs in the employment market continue to apply upward pressure on wages. The committee also continues to express concern for the employment prospects of recent chemistry graduates. New BS/BA graduate unemployment reached an all-time high of 15.8% in 2013, according to the annual Survey of New Graduates in Chemistry and Related Fields.

Co-located with the ACS Leadership Institute held January 23-25 in Dallas, TX, CEPA conducted training for ACS Career Consultants and Presenters. These volunteers took part in sessions covering the latest hiring trends, market conditions, and networking techniques. Individuals interested in providing personalized mentoring and career consulting to ACS members are welcomed to contact careers@acs.org to determine eligibility for participating in the program.

In 2014, the ACS Career Navigator program provided more than 10,000 substantial individual interactions in service of ACS members and potential members. Highlights include more than 3,000 combined attendees to the on-site and virtual career fairs, more than 3,000 attendees to the career workshops, and more than 2,300 consulting interactions both online and face-to-face.

The findings of the presidential task force on the supply and demand of chemists in the U.S., initiated jointly with the Younger Chemists Committee, Corporation Associates, Committee on Science, Committee on Chemistry and Public Affairs, Committee on Professional Training, and the Graduate Education Advisory Board at the request of then President Marinda Li Wu, and reported to Council in August, 2014, are set to be published in an upcoming ACS book.

The media channels, websites, and marketing of the ACS Professional Education, Career Services, Leadership Development, and Market Intelligence programs, products, and services have been fully combined under the ACS Career Navigator brand to assist members and potential members in finding resources for all stages of a career. The unified offerings can be accessed online at www.acs.org/careernavigator.

In order to better serve the needs of both ACS members who are not able to attend the site of an ACS national meeting and employers looking for talented chemical scientists and engineers, a third ACS virtual career fair is being organized for the first week of June, 2015. It is believed that this will reflect the year-round nature of employment searches and particularly support new graduates seeking their first job opportunities.

CEPA is evaluating the portfolio of career-related programs, products and services to ensure that the current offerings are effective and relevant to members' needs. The committee continues to monitor, inform and advise the development of communication and marketing strategies to increase awareness and usage of programs and services overseen by CEPA.

CEPA continues to explore and implement novel approaches to fulfill the mission of improving the professional lives of chemical scientists and engineers.

Rick Ewing, 2015 Chair
Louise Lawter, 2014 Chair

REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

Since the Council meeting in San Francisco, the Committee on Constitution and Bylaws (C&B), acting for the Council, issued certified bylaws to the Central New York, Central Ohio Valley, Colorado, Delaware, Northern West Virginia*, Omaha*, Oregon*, Penn-Ohio Border, Tampa Bay*, Toledo, and Tulsa Sections, and the South Africa International Chemical Sciences Chapter. The four Sections noted with asterisks used C&B's expedited bylaws review process to update their bylaws. C&B reviewed proposed bylaw changes and submitted preliminary reports to the Chattanooga, Cornell, Decatur-Springfield, Eastern New York, Florida, Hampton Rodcs, Lake Superior, Lexington, Orange County, Red River Valley, and South Florida Sections, and to the AGFD, CINF, I&EC, and MEDI Divisions. After C&B receives their members' vote results and other required information, C&B can certify these bylaws.

C&B has streamlined its bylaws process so there are now two fast and easy ways for Divisions and Sections to update their bylaws. In case you have not referred to your bylaws in a while, all certified bylaws are on the web at www.acs.org/bulletin5 (click on unit bylaws). Options to update your bylaws are also posted at the link or contact C&B at bylaws@acs.org for the bylaws options and to ask questions and get information.

In San Francisco, C&B voted on changes to model bylaws for divisions, local sections, and international chemical sciences chapters, and created new templates for updating bylaws. In Denver, C&B will vote on the templates. At the Boston meeting, C&B will seek DAC's, LSAC's, and IAC's approvals on the templates, which replace their respective model bylaws, and will also seek their approvals on their charter bylaws, which will be presented to Council for vote in spring 2016.

There are two petitions for consideration at this meeting: Petition on Member Expulsion and Petition on Preferential Voting. New petitions to amend the Constitution and/or Bylaws must be received by the Executive Director (bylaws@acs.org) by **April 29** to be included in the Council agenda for the fall 2015 meeting in Boston. We recommend sending draft petitions to C&B at least one or two months before this deadline so that we can assist with petition requirements and with wording.

The online version of the ACS Governing Documents (Bulletin 5), effective as of January 1, 2015, is available at www.acs.org/bulletin5. There were no changes from the 2014 version; please continue to use your 2014 edition, because we did not print Bulletin 5 for 2015. As always, the online version, which is the authoritative edition, is searchable and allows for copying and pasting selected text into a Word document or email.

ACS members are invited to attend C&B's open meeting on Sunday, March 22, from 1:15 – 1:45 pm. The committee will give a brief status report and address your questions on related matters.

James C. Carver, 2015 Chair
Donna G. Friedman, 2014 Chair

Please attend the open meetings of any of the following committees to discuss this petition, ask questions and/or hear comments. This petition has been referred to the ***Committee on Membership Activities**, Committee on Economic and Professional Affairs, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws. (***Committee with primary substantive responsibility**)

For more information see www.acs.org/bulletin5 (click on petitions) or contact bylaws@acs.org. The deadline for written comments is April 24, 2015.

ORIGINAL

FOR CONSIDERATION

Petition on Member Expulsion

Bylaw I, Sec. 5

Petition

We, the undersigned Councilors of the American Chemical Society, hereby petition to amend the SOCIETY Bylaws as follows (additions underlined; deletions ~~struck through~~):

Bylaw I Membership Sec. 5.

~~a. Proceedings~~

~~(1) Charges. Charges of conduct injurious to the SOCIETY (Constitution, Article IV, Sec. 3) shall be entertained against one or more members of the SOCIETY only when the specific charges and reasonable substantiating evidence are submitted in writing to the President of the SOCIETY by at least five members of the SOCIETY. (6/11/83)~~

~~(2) Statement of the Charges. Upon receipt of such charges, the President shall determine that the members bringing charges are aware of the gravity of their action and the procedures to be followed. The charges may be withdrawn at this time. If the charges are not withdrawn, they shall be referred to a panel of three, comprising the Chair of the Council Committee on Membership Affairs, who shall be the Chair of the Panel, the Chair of the Council Committee on Constitution and Bylaws, and the Vice Chair of the Council Policy Committee. This Panel, with the advice of the President and the SOCIETY's General Counsel, shall act promptly, either dismissing the charges if considered to be ill founded or submitting a statement of the charges to the member charged, along with the procedure for handling such charges (including copies of pertinent SOCIETY documents). (6/11/83)~~

~~(3) Response to the Charges. Upon receiving the statement of the charges, the member charged shall have three options: (6/11/83)~~

- ~~(a) Within sixty days of receipt of the statement of the charges from the Chair of the Council Committee on Membership Affairs, the member may present to the President a written answer to the charges, along with a request that the proceedings continue to a review by the Council Committee on Membership Affairs. (6/11/83)~~
- ~~(b) The member may resign. (6/11/83)~~
- ~~(c) The member may choose not to answer the charges within sixty days of receipt of the statement, or may answer the charges without requesting that the proceedings continue. In either instance, the process shall go forward. (6/11/83)~~
- ~~(4) Review by the Council Committee on Membership Affairs. The President shall instruct the Council Committee on Membership Affairs to review both the charges and any answer to the charges at a regularly scheduled meeting of the Committee, no more than nine months after the instructions are received from the President. By a majority vote of its membership, the Committee shall order the process to go forward and offer the member charged the opportunity to be heard before a Commission of Nine Councilors to be appointed by the President. Lacking such a majority vote, the charges shall be dismissed. Within thirty days after the meeting of the Committee, the Chair of the Committee shall notify the President and the member charged of the Committee's action. (6/11/83)~~
- ~~(5) Response to the Offered Opportunity to be Heard. Upon notification by the Chair of the Council Committee on Membership Affairs of the opportunity to be heard before a Commission of Nine Councilors, the member charged shall have three options: (6/11/83)~~
- ~~(a) The member may request a hearing before a Commission of Nine Councilors. Such request must be made to the President within sixty days after receipt of the notification. (6/11/83)~~
- ~~(b) The member may resign. (6/11/83)~~
- ~~(c) The member may choose not to answer the notification. In this instance, the member shall be dropped from membership, effective the first day after the sixty day period has elapsed. (6/11/83)~~
- ~~(6) Selection of the Commission of Nine Councilors. The Commission of Nine Councilors shall be chosen according to the following procedure: Within thirty days after the President receives the request for a hearing from the member charged, the President shall submit the names of fifteen Councilors, not previously involved in the proceedings, to the member charged, who shall have the right to excuse as many as three persons from the list of fifteen. Action to excuse must be made within thirty days following the receipt of the list from the President. The President shall promptly appoint nine unchallenged Councilors from the list of fifteen to serve as the Commission of Nine Councilors. The Commission shall elect a Chair, Vice Chair, and a Secretary from among its members. (6/11/83)~~
- ~~(7) Hearing by the Commission of Nine Councilors. Within thirty days after the date of appointment, the President shall set the date and location for the hearing by the Commission of Nine Councilors. A quorum for the hearing shall be seven members. The hearing shall be held within one hundred twenty days after the date of appointment. Immediately following~~

~~the hearing, the Commission may have the member dropped from membership by a two-thirds (2/3) vote of those Commission members present at the hearing, subject to the provisions of this Bylaw. Otherwise the charges shall be dismissed. The Chair of the Commission of Nine Councilors shall notify the member charged, the President, and the Chair of the Council Committee on Membership Affairs of the Commission's decision within thirty days. If a quorum is not present, the President shall reschedule the hearing for the earliest practical date. (9/21/90)~~

~~(8) Appeal to the President. The decision of the Commission of Nine Councilors shall be final unless the member charged addresses an appeal to the President of the SOCIETY, requesting a hearing before the Council. The request must be received by the President within sixty days after the notification of the decision of the Commission of Nine Councilors is received by the member charged. The date of the hearing before the Council shall be set by the President, and shall be no more than nine months after the last day of the sixty day period. If no appeal is received, the member charged shall be dropped from membership, effective the first day after the sixty day period has elapsed. (6/11/83)~~

~~(9) Hearing before the Council. The hearing before the Council shall be open only to voting Councilors, necessary SOCIETY staff, and others as specified in (c) below. The proceedings shall be comprised of four parts in the following order:~~

~~(a) The President, or the President's designate, shall introduce the subject and provide necessary information on Bylaw procedures and responsibilities of the Council. (6/11/83)~~

~~(b) The Chair of the Commission of Nine Councilors, or the Chair's designate, shall present background information on the case, and explain the decision of the Commission. This presentation shall not exceed one hour. (6/11/83)~~

~~(c) The appeal of the charged member before the Council shall be made by the member, and/or a designate of the member. This appeal shall not exceed one hour. (6/11/83)~~

~~(d) A vote shall be taken in executive session. The member charged shall be dropped from membership by a two thirds (2/3) vote of the voting Councilors present; termination of membership shall be immediate. Otherwise the charges shall be dismissed. In either instance, the Commission of Nine Councilors then shall be dissolved by the President. If a quorum is not present, the hearing shall be rescheduled by the President for the earliest practical date. (6/11/83)~~

a. Grounds for expulsion

Members of the SOCIETY shall be dropped from membership (hereinafter referred to as "expelled") for conduct that tends to injure the SOCIETY or to affect adversely its reputation, or which is contrary to or destructive of its objects as described in the SOCIETY's Constitution.

[FYI: the original subsection b on Readmission was moved to subsection g, below.]

b. Due process

Procedures for considering expulsions shall be promulgated by the Council Committee on Membership Affairs. Such procedures shall provide for quick resolution, fairness, confidentiality, and due process, including an opportunity for charged members to be heard.

c. Advisors

~~It is the intent of this Bylaw that the member charged be present at the hearings before the Commission of Nine Councilors and before the Council. The member may be excused from attending either hearing by the President of the SOCIETY for reasons of extreme exigency or circumstances beyond the control of the member. In either the hearing before the Commission of Nine Councilors or the Council,~~ **the member charged member** may be assisted by ~~one~~ **an** advisor who may act on behalf of the member. ~~The~~ **Such** advisor may be an attorney if **the charged member provides the President Chair of the Council Committee on Membership Affairs with** if-written notice of the **attorney's** name and office address of the attorney is given to the President **at least ten working days prior to any** before the date of the hearing. An attorney for the SOCIETY may be selected by the SOCIETY's General Counsel to be present **and speak at any such** the hearing(s). (6/11/83)

d. Confidentiality

~~Until resolution of the case, which shall be announced by the President, all allegations,~~ **All charges, evidence, correspondence, findings, and recommendations pertaining to the case any such expulsion matter shall be deemed confidential.** with all **All expulsion** proceedings and hearings **shall be** closed to the public. (6/11/83)

e. Appeal

The charged member may appeal an adverse decision of the Council Committee on Membership Affairs to the Council Policy Committee, which shall consider the appeal at its next regularly scheduled meeting, or at an earlier meeting specially called for the purpose of considering the appeal. Decisions of the Council Policy Committee shall be final.

f. Dissemination of outcome

Upon disposition of the charges, the Chair of the Council Committee on Membership Affairs shall be responsible for communicating the outcome to the charged member, the Society's Executive Director, the Chair of the Board of Directors, and the members who submitted the initial statement of charges. In the event the Council Committee on Membership Affairs determines to expel the charged member, the Chair of the Council Committee on Membership Affairs shall also inform the chairs of the local section, and of any division(s) to which the charged member belongs. In addition, the Chair of the Board may also inform any additional people who, in the Chair's discretion, have a need to know of the decision.

~~b-g.~~ Readmission

Persons whose membership in the SOCIETY shall have been terminated by any SOCIETY action herein described, or by resignation after the initial statement of charges is received by the ~~member~~—charged **member**, shall not be readmitted upon subsequent application unless such application is approved by a two-thirds (2/3) vote of the Council Committee on Membership Affairs. (6/11/83)

Explanation

BYLAW I, Membership, Sec. 5 has a lengthy procedure for expelling a member from the SOCIETY for “conduct injurious to the SOCIETY.” This lengthy procedure, added or last amended in 1983, is cumbersome. There are several steps, each of which involves creation or use of an additional body to consider the charges. The length and cumbersome nature of the process is unfair both to the SOCIETY and to the member charged. Petitioners believe the intent of the Constitution (Article IV, Sec. 3) and the current Bylaw can be met, and due process maintained for the charged member, by using a procedure modeled after those currently recommended by the Committee on Constitution and Bylaws for removal of officers for neglect of duties. Petitioners further believe the intent of the Bylaws can be met by amending the Bylaw and delegating authority to the Council Committee on Membership Affairs to promulgate and amend such procedures as are necessary to implement this amendment separately from the Bylaws. Reference to the “Chemical Professional’s Code of Conduct” could provide a framework for determining “conduct injurious to the SOCIETY.”

Petitioners have developed an example of the type of the detailed procedures that could be adapted by the Council Committee on Membership Affairs to implement this amendment. These procedures have been reviewed by the Council Committee on Membership Affairs and the Council Policy Committee and we suggest that they be published as part of the ACS Governing Documents (Bulletin 5) after their formal adoption. They are available from these committees.

Signed:

Dr. Harmon B. Abrahamson	Mr. James M. Landis
Dr. Frank D. Blum	Dr. Lee H. Latimer
Dr. Mary K. Carroll	Dr. Melanie J. Lesko
Mr. Robert S. Cohen	Dr. Carolyn Ribes
Ms. Ella L. Davis	Dr. Eleanor D. Siebert
Dr. Alan M. Ehrlich	Dr. Herbert B. Silber
Dr. Peter C. Jurs	Dr. Angela K. Wilson

(This petition has been referred to the ***Committee on Membership Affairs**, Committee on Economic and Professional Affairs, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws.)

***Committee having primary substantive responsibility**

PRELIMINARY STATEMENT OF FINANCIAL IMPACT

The financial implications of this petition are still being assessed. The Final Statement of Financial Impact will be available per Article XVIII, Sec. 2, d, which states in part, “The Chair of the Society Committee on Budget and Finance shall prepare a financial impact statement which also shall appear in the Council agenda when action is to be taken on the petition.”

PRELIMINARY REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws has reviewed the petition and finds it to be legal and not inconsistent with the Constitution of the SOCIETY. The proposed Bylaw amendment states that “Procedures for considering expulsions shall be promulgated by the Council Committee on Membership Affairs. Such procedures shall provide for quick resolution, fairness, confidentiality, and due process, including an opportunity for charged members to be heard.” This language appears to satisfy Article IV, Sec. 3 of the Constitution of the SOCIETY, which states, “No member shall be dropped except after opportunity to be heard as provided in the Bylaws.” However the Committee on Constitution and Bylaws suggests that this petition be amended to include that any procedure developed by the Committee on Membership Affairs, and/or any modification to any procedure developed by the Committee on Membership Affairs, shall be submitted to and approved by Council.

The explanation states that the petitioners believe that the current Bylaw on removal of members is too cumbersome and that a procedure to be developed by the Committee on Membership Affairs would be preferable. It is unclear if the purpose of this proposed Bylaw amendment will make the removal procedure any less cumbersome, but it appears that if approved, this amendment will streamline the Bylaws. Further, the explanation states that “the intent of the Constitution (Article IV, Sec. 3) and the current Bylaw can be met, and due process maintained for the charged member, by using a procedure modeled after those currently recommended by the Committee on Constitution and Bylaws for removal of officers for neglect of duties.” The Committee on Constitution and Bylaws concurs.

Comments and suggestions from committees, petitioners and other interested members on the substance of the petition should be directed to the Committee on Membership Affairs, which has primary substantive responsibility for the petition, the Committee on Economic and Professional Affairs, the Council Policy Committee, and the Society Committee on Budget and Finance. Other comments and suggestions may be directed to the Committee on Constitution and Bylaws.

Dr. James C. Carver
Chair

Please attend the open meetings of any of the following committees to discuss this petition, ask questions and/or hear comments. This petition has been referred to the ***Committee on Nominations and Elections**, Committee on Membership Affairs, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws. (***Committee with primary substantive responsibility**)

For more information see www.acs.org/bulletin5 (click on petitions) or contact bylaws@acs.org. The deadline for written comments is April 24, 2015.

ORIGINAL

FOR CONSIDERATION

Petition on Preferential Voting

Bylaw V, Sec. 2, d, Sec. 3, c, Sec. 4, d and f

Petition

We, the undersigned Councilors of the American Chemical Society, hereby petition to amend the SOCIETY Bylaws as follows (additions **underlined**; deletions ~~struck through~~):

**Bylaw V
Manner of Election**

...
Sec. 2.

President-Elect

...

b. The Council, at a meeting to be held not later than May 1, shall select as candidates for President-Elect two of the nominees presented under the provisions of these Bylaws. (9/29/94)

...

d. On or before October 10, the Executive Director shall distribute to each member of the SOCIETY a ballot containing the names of all candidates for President-Elect and constructed as provided herein. (6/2/07)

When there are two candidates, a single-choice ballot shall be used, and the candidate receiving the greater number of votes shall be declared elected. (9/29/94)

When there are more than two candidates, a preferential ballot shall be used, **and the election shall be conducted using procedures developed by the Committee on Nominations and Elections and approved by the Council.** ~~This ballot shall afford the voter an opportunity to rank the candidates in order of preference. If one candidate receives a majority of first preference votes, that candidate shall be declared elected. If no candidate receives such a majority, the candidate receiving the fewest first preference votes shall be eliminated from further consideration. The vote total of a candidate not so eliminated shall then be set equal to the number of valid ballots on which that candidate is ranked higher in~~

~~preference than any of the other remaining candidates. If the vote total of one of the candidates is now a majority, that candidate shall be declared elected. However, if no candidate receives a majority, the process of eliminating the candidate with the lowest vote total and recalculating the vote totals of the remaining candidates shall be repeated as many times as necessary until the vote total of one candidate is a majority. That candidate shall then be declared elected. When recalculating vote totals following the elimination of a candidate, those ballots on which no distinct preference is indicated for any of the remaining candidates shall be deemed invalid in that and any subsequent candidate elimination rounds. In each of those rounds, a majority shall consist of more than half of the total number of ballots that remain valid at that step in the elimination process. (6/7/08)~~

Sec. 3.

Director-at-Large

...

c. On or before October 10, the Executive Director shall distribute to each voting Councilor a ballot containing the names of all candidates for the positions of Director-at-Large to be filled. If there are multiple positions to be filled, those candidates receiving the greatest numbers of votes shall be declared elected Directors-at-Large. (6/2/07)

If there is only one position to be filled and there are two candidates, the candidate receiving the greater number of votes shall be declared elected Director-at-Large. If there is only one position to be filled and there are three **or more** candidates, a preferential ballot shall be used, **and the election shall be conducted using procedures developed by the Committee on Nominations and Elections and approved by the Council.** The ballot shall afford the voter an opportunity to indicate a first and second choice. If one candidate receives a majority of first choices, that candidate shall be declared elected. If no candidate receives such a majority, the candidate receiving the lowest number of first choices shall be eliminated and the second choice preferences on those ballots so eliminated shall be added to the first choice totals of the other two candidates to establish a majority for one candidate, who shall then be declared elected. Ballots for the eliminated candidate that have not indicated a second choice shall be void in the second count. (6/2/07)

~~If there is only one position to be filled, and there are four or more candidates, a single choice ballot shall be used. In the event that no candidate receives a majority of the votes cast, a run-off election shall be held between the two leading candidates. No later than four weeks after the first election results are certified, and in no event later than December 15, the Executive Director shall distribute to each voting Councilor a ballot containing the names of the two candidates receiving the most votes in the first election. The candidate receiving the greater number of votes shall be declared elected. (6/2/07)~~

Sec. 4.

District Director

...

d. On or before March 1, the Executive Director shall send a **preferential** ballot to each Councilor in the District electing a District Director; the ballot shall contain the names of the nominees for District Director of that District, as selected by the Committee on Nominations and Elections. **This primary election shall be conducted using procedures**

~~**developed by the Committee on Nominations and Elections and approved by the Council.** Ballots shall be returned to the Executive Director no later than four weeks after the ballots are distributed. The two nominees receiving the greatest number of votes shall be announced to the Council orally at its next meeting or, if timing does not permit, in the official organ of the SOCIETY, as candidates for District Director of the District. (10/19/04)~~

...

f. On or before October 10, the Executive Director shall distribute to each member of the SOCIETY entitled to vote in the District electing a District Director a ballot containing the names of all the candidates for Director from that District and constructed as provided herein. (6/2/07)

When there are two candidates, a single-choice ballot shall be used; the candidate receiving the greater number of votes shall be declared elected. (9/29/94)

When there are more than two candidates, a preferential ballot shall be used, **and the election shall be conducted using procedures developed by the Committee on Nominations and Elections and approved by the Council.** ~~This ballot shall afford the voter an opportunity to rank the candidates in order of preference. If one candidate receives a majority of first preference votes, that candidate shall be declared elected. If no candidate receives such a majority, the candidate receiving the fewest first preference votes shall be eliminated from further consideration. The vote total of a candidate not so eliminated shall then be set equal to the number of valid ballots on which that candidate is ranked higher in preference than any of the other remaining candidates. If the vote total of one of the candidates is now a majority, that candidate shall be declared elected. However, if no candidate receives a majority, the process of eliminating the candidate with the lowest vote total and recalculating the vote totals of the remaining candidates shall be repeated as many times as necessary until the vote total of one candidate is a majority. That candidate shall then be declared elected. When recalculating vote totals following the elimination of a candidate, those ballots on which no distinct preference is indicated for any of the remaining candidates shall be deemed invalid in that and any subsequent candidate elimination rounds. In each of those rounds, a majority shall consist of more than half of the total number of ballots that remain valid at that step in the elimination process. (6/7/08)~~

Explanation

The petitioners propose changes to the ACS Bylaws to provide for the use of preferential balloting in elections for nominees and candidates, where necessary, to achieve a majority of votes to win an election.

Preferential voting is used currently in two ACS key national elections: Electing a President-Elect and electing a District Director to the Board of Directors whenever there are more than two candidates for each office. This procedure has been in place for twenty years, and petitioners believe preferential voting is well received within ACS. Preferential voting was adopted to ensure that the ultimate victors in the election were elected by a majority, rather than a plurality of votes cast. This petition proposes to add preferential voting for a third national election: the election of two or more Directors-at-Large to the Board of Directors.

The procedural details described in Bylaw V, Sec. 2, b and d, Sec. 3, c, and Sec. 4, d, and f, would be removed. To provide context to Council for this proposed change, the petitioners believe it advisable for the Committee on Nominations and Elections (N&E) to present Council with a set of procedures based on the excised procedural text.

Signed:

Dr. Lisa Balbes	Dr. Catherine C. Fenselau
Dr. William H. Breazeale, Jr.	Dr. Lydia E.M. Hines
Dr. Jeannette E. Brown	Dr. Carol Baker Libby
Dr. Martha L. Casey	Dr. Les W. McQuire
Mr. D. Richard Cobb	Mr. Donivan R. Porterfield
Dr. Milagros Delgado	Ms. Andrea B. Twiss-Brooks
Dr. Lissa A. Dulany	

(This petition has been referred to the ***Committee on Nominations and Elections**, Committee on Membership Affairs, Council Policy Committee, Society Committee on Budget and Finance, and Committee on Constitution and Bylaws.)

***Committee having primary substantive responsibility**

PRELIMINARY STATEMENT OF FINANCIAL IMPACT

The financial implications of this petition are still being assessed. The Final Statement of Financial Impact will be available per Article XVIII, Sec. 2, d, which states in part, “The Chair of the Society Committee on Budget and Finance shall prepare a financial impact statement which also shall appear in the Council agenda when action is to be taken on the petition.”

PRELIMINARY REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws has reviewed the petition and finds it to be legal and not inconsistent with the Society’s Constitution. The proposed Bylaw changes move from the Bylaws details of preferential voting in elections for President-Elect and Director-at-Large to procedures developed by the Committee on Nominations and Elections, and adds preferential voting for District Director, again with the detailed procedures being developed by the Committee on Nominations and Elections. All such procedures developed by the Committee on Nominations and Elections are to be approved by the Council. This process appears to satisfy Article X of the Constitution, Sec. 1 and Sec. 3, which state that that these elections shall be carried out “as provided in the Bylaws.” However, the Committee on Constitution and Bylaws suggests that the petition be amended to add the following language to the end of Sec. 2, b and d, Sec. 3, c, and Sec. 4, d, “and that any modifications or changes to the approved procedure be approved by Council.”

Comments and suggestions from committees, petitioners, and other interested members on the substance of the petition should be directed to the Committee on Nominations and Elections, which has primary substantive responsibility for the petition, or to the Committee on Membership Affairs, the Council Policy Committee, or the Society Committee on Budget and Finance. Other comments and suggestions may be directed to the Committee on Constitution and Bylaws.

Dr. James C. Carver
Chair

A. Women Chemists
(joint with Board)

For 2015, the Women Chemists Committee (WCC) is most excited to announce a continued effort to focus our programs that promote the retention of women in the chemical enterprise. We have selected ten (10) early-to-mid-career women chemists as recipients of the 4th annual WCC Rising Star Award. At the 2015 Spring National Meeting in Denver, there will be a full-day symposium on Monday, March 23rd, highlighting the accomplishments of the exceptional 2015 Rising Star Award Winners. Following the symposium, the WCC will host a reception to honor the awardees at “Just Cocktails,” an informal networking event allowing individuals the opportunity to interact, inspire and bond.

The Women in the Chemical Enterprise Breakfast will take place on Monday, March 23rd. The breakfast will feature a networking session with peers and mentors. This will be a great opportunity to network and connect with women chemists.

On Tuesday, March 24th, at the WCC Luncheon, the WCC will honor the recipient of the 2015 Francis P. Garvan-John M. Olin Medal, Dr. Angela K. Wilson, who is the Regents Professor, Assistant Chair, and Graduate Advisor in the Department of Chemistry at the University of North Texas. Furthermore, the WCC will recognize the recipients of the 2015 Spring WCC-Eli Lilly Travel Award during a poster session prior to the luncheon. The other WCC-sponsored symposium will be held on both Monday and Tuesday mornings, to celebrate the contributions of E. Ann Nalley, who was honored with the 2015 ACS Award for Encouraging Women into Careers in the Chemical Sciences.

Looking to the Fall National Meeting, the WCC and its members have been involved as contributing authors and editors for the second edition of the book being published by Springer. This book will offer insight and inspiration to people considering undertaking the combination of professor-hood and mother-hood. The WCC is also involved in promoting programing focused around the “How to” for National Awards Nominations, in an effort to increase the number of women being nominated, and therefore potentially winning National Technical Awards.

Amber Charlebois, Chair

B. Senior Chemists
(joint with Board)

The Senior Chemists Committee (SCC) has been soliciting input from the readers of its widely-distributed newsletter. The responses have been enlightening, to say the least. SCC has been asked to, in some way, reconnect retirees to their former employers, to foster and develop ties between senior members and local colleges and universities, to volunteering for SCC subcommittees, as well as establishing teaching resources for community schools. The SCC will spend a portion of time in Denver reviewing these suggestions, as well as planning for a Strategic Planning Retreat in the spring.

Another area that the SCC needs to address is to consider which events it can support or sponsor at ACS National Meetings that will attract senior chemists. SCC can act as a stimulus for more seniors to attend national meetings.

In Denver, the first self-nominations for 2015 ChemLuminary Awards sponsored by the SCC will be reviewed. These awards will be presented at the fall meeting in Boston. SCC will also continue with the mini-grant program to local sections that apply for them for the purpose of augmenting senior activities at the local level.

The keynote speaker at the Senior Chemists Breakfast on Tuesday, March 24, 7:30-9:00 a.m. will be Marvin H. Caruthers, Distinguished Professor of Biochemistry and Chemistry at the University of Colorado, Boulder. Professor Caruthers' interests include nucleic acids chemistry and biochemistry. More recently his laboratory has developed methods for RNA chemical synthesis and for the synthesis of DNA/RNA on chips. Dr. Caruthers is an elected member of the U.S. National Academy of Sciences and the American Academy of Arts & Sciences. One of the co-founders of Amgen and Applied Biosciences, Dr. Caruthers remains active in the Biotechnology arena, most recently as a co-founder of miRagen Therapeutics. The title of his presentation is *Wearing Two Hats-Basic Research and Biotechnology*.

In addition, SCC will co-sponsor, with the Polymer Ambassadors, a workshop for K-12 teachers who will participate in learning experiments in polymer science that can be used in the classroom. In addition, SCC is a proud sponsor of the Undergraduate Speed Networking with Chemistry Professionals event that will be held on Monday, March 23, at 3:45-5:15 p.m.

George Heinze, Chair

C. Publications
(joint with Board)

The Joint Board-Council Committee on Publications (JBCCP) met and discussed the following:

The editorial monitoring reports for *ACS Combinatorial Science*, *ACS Macro Letters*, *Journal of Medicinal Chemistry*, *Journal of Proteome Research*, and *Macromolecules* were presented, discussed thoroughly and accepted with thanks. Editor reappointments were reviewed and recommendations were made. The next publications to be monitored will be *ACS Synthetic Biology*, *Journal of the American Chemical Society*, *Journal of Organic Chemistry*, and *Journal of Proteome Research*.

It was announced that three Editor Search Committees had recommended, and the ACS Board of Directors had approved the following appointments:

- Professor Courtney C. Aldrich (University of Minnesota) to serve as the inaugural Editor of the new ACS journal, *ACS Infectious Diseases*, effective in 2015.
- Professor Paul J. Chirik (Princeton University) to serve as the Editor of *Organometallics*, effective in 2015.
- Professor David L. Kaplan (Tufts University) to serve as the inaugural Editor of the new journal, *ACS Biomaterials Science & Engineering*, effective in 2015.

The Division President presented an overview of the ACS Publications Division's operational highlights, new product introductions, recent editor appointments, technology-based initiatives, and open access developments including the "ACS is Open" strategic initiative.

Staff presented the final report for the strategic analysis of C&EN, a project initiated in September 2013. The Strategic Analysis Steering Committee held a lengthy meeting in mid-April 2014 to analyze the report and plan next steps based on it. As a result of the analysis, C&EN launched a number of initiatives including content emphasis and redesign of C&EN's website and print edition.

Stephanie I. Brock, Chair

D. Professional Training
(joint with Board)

At the August 2014 and January 2015 meetings, the Committee on Professional Training (CPT) evaluated a combined total of 87 periodic reports from currently approved programs. CPT held conferences with three departments seeking ACS approval. Four new programs were approved, and two institutions were removed from the approved list. During the fall 2014 submission period, 14 programs submitted pre-applications for ACS approval, and 7 of those were invited to move to the next step in the application process. The current number of colleges and universities offering ACS-approved bachelor's degree programs is 678.

The committee continued discussion of the ACS Guidelines revision at the August meeting and released a final draft of the guidelines document to department chairs at approved and non-approved chemistry programs for comment. Over 100 programs responded, and this feedback was used to advise the final discussions of the guidelines at CPT's winter meeting. The committee voted to approve the 2015 guidelines document; we expect publication by the time of the ACS national meeting in March.

In addition to the ACS Guidelines, CPT publishes several supplements to provide programs with additional guidance on various aspects of the curriculum. Review and revision of the disciplinary supplements covering analytical, biochemistry, inorganic, organic, physical, and polymer chemistry are underway and will be released following the spring CPT meeting. The remaining supplements will be reviewed and released over the next twelve months. All supplements are available on the CPT website, www.acs.org/cpt.

The final report of CPT's chemical information resources survey was published as part of the fall issue of the CPT Newsletter and on the CPT website. The committee finalized the questionnaire to be used in a survey of PhD recipients to complement CPT's regular surveys of graduate programs. Data will be collected during the first quarter of this year with a final report on the results to be published in the fall 2015 issue of the CPT Newsletter. CPT last conducted a survey of PhD recipients in 1998.

The committee reviewed and approved the 9th edition of the publication, "Planning for Graduate Work in Chemistry" (now entitled "Planning for Graduate Work in the Chemical Sciences"). This edition will be published as a series of highly interactive web pages that allow users to navigate easily to the sections of the document of greatest interest and includes extensive links to ACS and external resources. Among other actions, CPT approved a revised list of recommended journals for ACS approval and updated the periodic report and annual report forms that must be completed by all ACS-approved programs. The committee also held an initial discussion of its strategic plan for 2015-17.

Thomas J. Wenzel, 2015 Chair
Anne B. McCoy, 2014 Chair

E. Nomenclature, Terminology and Symbols

As part of its continuing interest in the development of the International System of Units, known as the “new SI”, NTS organized a half-day symposium in San Francisco titled: “Redefinition of the Mole and Kilogram: Impact on Chemistry.” The symposium, co-sponsored by the Analytical Chemistry Division and the International Activities Committee, featured five international experts, who addressed the scientific and pedagogical implications of the proposed redefinitions of the mole and kilogram.

At the San Francisco meeting, PowerPoint presentations were given to a number of ACS committees and divisions, explaining NTS expertise and capabilities. The NTS Communication/Outreach subcommittee undertook this task as a first step in identifying potential partners for collaboration.

In order to gauge the ACS membership’s view of NTS, the Long Range Planning subcommittee, in concert with ACS staff, has produced a survey, which will be distributed to ACS members. Results from this survey will assist NTS in developing programs responsive to ACS membership needs.

Following a request from the United States National Committee (USNC), NTS prepared and delivered a response to an IUPAC questionnaire, intended to support a study of the proposed redefinition of the mole, and how chemists perceived the effects of these changes. The questionnaire sought opinions on the suitability of current and proposed definitions for the terms *mole* and *amount of substance*. In general, NTS responded as “not satisfied” with either the current or proposed definitions for mole and amount of substance.

A representative of NTS was invited to attend a workshop of the Consultative Committee on the Amount of Substance - Metrology in Chemistry and Biology (CCQM), held in Paris in April of 2014. As its name implies, this committee is responsible for the definition of the mole. It makes recommendations on this and other metrological items to the International Bureau of Weights and Measures (BIPM). Based on interactions with CCQM personnel at this meeting, plans were formulated for collaboration with CCQM at a future ACS National meeting. CCQM has made plans to hold a 2015 meeting in Boston, coincident with the ACS Fall meeting. The ACS Board of Directors has adopted a resolution welcoming CCQM to meet simultaneously with ACS in Boston in August of 2015. This will be the first such meeting of CCQM held in this country.

Albert C. Censullo, Chair

F. Minority Affairs
(joint with Board)

The Committee on Minority Affairs (CMA) will meet at the ACS National Meeting in Denver, Colorado, on Sunday, March 22. CMA continues to promote its mission to advance ethnic and racial diversity and inclusion in the American Chemical Society and the broader chemistry enterprise. In Denver, the committee will highlight kickoff activities for the 20th anniversary celebration of the ACS Scholars Program. This highly successful program will be celebrated throughout 2015 with special events and symposia. I am pleased to serve as Honorary Chair of the ACS Scholars 20th Anniversary Appeal; ACS President Diane Grob Schmidt and California State University (Los Angeles) Chemistry Professor Carlos Gutierrez are serving as co-chairs. More information about the program and opportunities to make a donation can be found at www.acs.org/scholars.

CMA will hold a luncheon on Monday, March 23, from 11:30 am – 1:30 pm, at the Hyatt Regency Denver at Colorado Convention Center Hotel. Dr. Dorothy J. Phillips, ACS Director-at-Large, will be the featured speaker. Tickets are available for purchase through the meeting registration process. We hope you will consider joining us.

CMA has partnered in Denver with the Division of Chemical Education (CHED) and the Division of Professional Relations (PROF) to organize a session titled, “Diversifying STEM: Uniting through our differences for a brighter scientific future” on Monday afternoon at the Hyatt Regency Denver at Colorado Convention Center Hotel. CMA has designated programming with divisions as a strategic priority of the committee. To that end, the committee is seeking interested divisions to program with for future meetings. Please let us know if you have a program or idea where the CMA can help!

We invite you to visit the CMA website (<http://cma.sites.acs.org>). We have also extended our online presence to many social networks including Facebook (www.facebook.com/acs.cma), LinkedIn, and Twitter (@chemdiversity), to engage and interact. We would love for you to join the conversation.

Madeleine Jacobs, 2015 Chair
Al Ribes, 2014 Chair

G. International Activities
(joint with Board)

The ACS Joint Board-Council Committee on International Activities (IAC) works proactively to advocate, catalyze, initiate, and implement ACS international activities, conferences, and initiatives pertaining to education and research & development of broad scientific understanding, appreciation of chemistry, and promotion of the image of chemistry. The following update on ACS International Activities exemplifies the committee's commitment to the fulfillment of the global provision of the ACS Constitution - "*The SOCIETY shall cooperate with scientists internationally and shall be concerned with the worldwide application of chemistry to the needs of humanity.*" Article II, Section 3, ACS Constitution. The committee appreciates the close collaboration and able support of the ACS Office of International Activities.

International Chapters.

- 1) At the ACS National Meeting in San Francisco, the ACS Council approved the establishment of ACS International Chemical Sciences Chapter in South Africa. The ACS Board added its approval in December.
- 2) The IAC Task Force on International Chapter Development Strategy has completed most of its work. A set of recommendations has been presented to the Board P&MR Committee in December 2014. Additional tasks are being incorporated into the 2015 committee work plan.
- 3) The IAC Executive Team met during the Leadership Institute (LI) in Dallas on January 22-25, 2015 with ACS International Chapter representatives in Shanghai and South Korea. Areas of mutual interests and possible actions in 2015 were discussed.

Education and Outreach Activities.

- 1) The committee is continuing its collaboration with Pittcon to support participation in Pittcon for early- and mid-career analytical chemists from developing and transitional countries. For Pittcon 2015 to be held in New Orleans, several scientists from Central America and the Caribbean have been chosen to attend this meeting.
- 2) ACS International Research Experiences (IREU) is a program supported by NSF to place of US chemistry students in Europe and Southeast Asia for international research experiences. In summer 2014, 17 U.S. students from institutions with limited access to research facilities were recruited nationally to participate in the 10-week IREU program. Reports of their research were written. IAC members carried out peer review of their research reports in October to give the students practice in writing and submitting journal articles.
- 3) Two of our committee members (Ellene Contis and Tim Hanks) gave presentations on "Graduate Study and Research Abroad" in two ACS-on-Campus events in October 2014.
- 4) With support from the US Department of State, plans are being made on the training of young scientists and engineers in Thailand (BOOST) in June and an Ethics workshop to take place during the Asian Chemistry Congress in Bangladesh in November.

Meetings and Symposia.

- 1) IAC leadership participated in several meetings with ACS Northeast Regional Meeting planning team and others to explore the feasibility of creating an AtlantiChem conference. This initiative grew from a 2014 IAC Global Innovation Grant awarded to NERM.
- 2) A joint Global Imperative Initiatives (Gii) meeting with Singapore National Institute of Chemistry was held in December. The topic was "Water Innovation and Treatment", and a working draft of a resulting white paper will be reviewed at the ACS National Meeting in Denver.
- 3) IAC is involved with three symposia in Denver:
 - a. The Transnational Practice of Chemistry and Allied Sciences and Engineering: Study, Research and Careers without Borders (Sunday, 3/22)
 - b. Growing Opportunities for Research Abroad: An Undergraduate Perspective of International Research Experiences (Sunday, 3/22)
 - c. The Interface of Chemical and Biological Sciences International Disarmament Efforts (Tuesday, 3/24)

Other International Activities.

- 1) IAC approved the revised Visa Restrictions and Scientific Progress Policy Statement produced by IAC and SOCED during the San Francisco meeting.
- 2) We are working with OPA and CPRC to internationalize the Chemistry Ambassadors program. We shall use the International Chapters as the starting point to initiate this program.
- 3) An oral presentation on ACS International Activities was given by Cynthia Maryanoff in San Francisco. Poster presentation on the same topic was given in June in the Northwest Regional Meeting (Cynthia Maryanoff) and in October at the Central Regional Meeting (H. N. Cheng).
- 4) Work is ongoing on the International Network of Young Chemists (IYCN) initiative and on the IAC-CPT-SOCED Task Force. We plan to launch IYCN at the Boston meeting in August.
- 5) A joint IAC-DAC meeting was held at the ACS Leadership Institute in January 2015. The purpose was to discuss ways whereby the two committees can work together to further international engagement of technical divisions.
- 6) At the Denver meeting, we plan to have an International Reception on Sunday, March 22, 5:30 PM – 7:30 PM, Hyatt Regency Denver at Colorado Convention Center. Please join us if you have time.

Finally, at the ACS National Meeting in Denver, *IAC will seek approval from our Councilor colleagues for the establishment of an ACS International Chemical Sciences Chapter in India and Taiwan. The applications were initiated by ACS members based in the respective countries. The applications have been reviewed and approved by the ACS Committee on International Activities.*

H.N. Cheng, Chair

FOR COUNCIL ACTION

Petition to Charter an International Chemical Sciences Chapter

One legal application has been received for the formation of a new international chemical sciences chapter to be known as the India International Chemical Sciences Chapter. The India International Chemical Sciences Chapter will consist of the territory of India, and is not part of any other Chapter or Local Section of the Society.

The petition was initiated and signed by ACS members in good standing and residing in the territory. The application meets all of the requirements of Bylaw IX of the Society, and includes a statement that the applicants are familiar with and will abide by all governing documents of the Society, including Bylaw IX Section 2(c), which states that the Chapter and its officers, as representatives of the Chapter, shall not engage in political activity, shall avoid any activities that may adversely affect the interests and/or public and professional image of the Society, and shall assure that all activities of the Chapter shall be open to all members of the Society. The application includes a proposed budget for the operation of the Chapter, which includes no allotment of funds from the Society. The petition has been reviewed by the ACS Joint-Board Committee on International Activities (IAC).

This action seeks the approval of the Council and is contingent on the approval from the ACS Board of Directors, after which, the Chapter can begin operation.

FOR COUNCIL ACTION

Petition to Charter an International Chemical Sciences Chapter

One legal application has been received for the formation of a new international chemical sciences chapter to be known as the Taiwan International Chemical Sciences Chapter. The Taiwan International Chemical Sciences Chapter will consist of the territory of Taiwan, and is not part of any other Chapter or Local Section of the Society.

The petition was initiated and signed by ACS members in good standing and residing in the territory. The application meets all of the requirements of Bylaw IX of the Society, and includes a statement that the applicants are familiar with and will abide by all governing documents of the Society, including Bylaw IX Section 2(c), which states that the Chapter and its officers, as representatives of the Chapter, shall not engage in political activity, shall avoid any activities that may adversely affect the interests and/or public and professional image of the Society, and shall assure that all activities of the Chapter shall be open to all members of the Society. The application includes a proposed budget for the operation of the Chapter, which includes no allotment of funds from the Society. The petition has been reviewed by the ACS Joint-Board Committee on International Activities (IAC).

This action seeks the approval of the Council and is contingent on the approval from the ACS Board of Directors, after which, the Chapter can begin operation.

H. Environmental Improvement
(joint with Board)

As part of the committee's ongoing efforts to support the incorporation of sustainability into all dimensions of the chemical enterprise, the committee provides small grants to local sections to encourage sustainability programming and activities. At the fall 2014 national meeting, a grant was awarded to the Lehigh Valley Local Section to facilitate a series of day events allowing girl scouts and boy scouts to come in and do hands on activities related to green chemistry. Applications by locals sections for sustainability programming grants that are received by March 7 will be considered at CEI's Denver meeting.

The committee is also working with the grantees of the ACS Climate Initiative and maintaining the ACS climate toolkit that helps ACS members to prepare for effective communications about climate related chemical science to various audiences.

Eight students from colleges and universities in eight different states represented the ACS as *observers* at the December 2014 United Nations Framework Convention on Climate Change 20th Conference of Parties (COP 20) in Lima, Peru. This project promotes climate literacy among the generational demographic of undergraduate and graduate students. Prior to COP 20, the students coalesced as a team during a two-day October media training session in Washington DC. They received instruction on media outreach at ACS National Headquarters and traveled to Capitol Hill and governmental agencies for off-the-record informational meetings. In Lima, they met and interviewed NGO's, high-level negotiators, and world leaders and attended informational side events. The students leveraged their social networking skills - Twitter, Facebook, Instagram, etc. - and media tools to engage their peers with climate change negotiations. They also posted articles on their *studentsonclimatechange.com* web site and held webcasts from Lima. Students will present outcomes of their project at the *Perspectives on Climate Change Literacy and Education: Local to International Symposium* during the ACS National Meeting in Denver. This CEI sponsored project is an enduring legacy of IYC 2011, and we anticipate a large number of student applicants to represent ACS at COP 21 in Paris later this year.

CEI also continues its work to develop public policy positions for consideration and adoption by the ACS Board of Directors. In December 2014, the Board adopted positions recommended by CEI and peer ACS committees on scientific integrity in public policy, sustainability in the chemical enterprise, and federal funding of S&T. Statement work in 2015 will focus on energy, water, hydraulic fracturing, endocrine disrupting chemicals, and inherent safer technologies in chemistry. Individual, division, and local section questions or input on these topics can be directed to CEI at www.acs.org/policy.

Laura E. Pence, 2015 Chair

I. Community Activities
(joint with Board)

During the San Francisco National Meeting, the Committee on Community Activities (CCA), along with local section, student member, and other volunteers, presented eight tables of hands-on activities at the Children's Creativity Museum. More than 250 members of the public were reached. After kids visited the activity tables, they each received a "goody bag" containing a copy of Celebrating Chemistry, the hands-on activity publication, and other products.

Last year, National Chemistry Week (NCW) was celebrated October 19-25 with the theme "The Sweet Side of Chemistry - Candy!" More than 90 % of Local Sections across the country participated, distributing more than 166,000 copies of Celebrating Chemistry. The print editions were available in English and Spanish.

This April, we celebrate Chemists Celebrate Earth Day (CCED) with the theme "Climate Science – More Than Just A Weather Report". This CCED explores the atmosphere, greenhouse gasses, and weather patterns. All Local Sections are encouraged to participate through hands-on science events and local illustrated poem contests, and to engage the public in a community event.

CCA recognizes 55 individuals from as many local sections for its 2015 Outreach Volunteer of the Year award. This recognition effort is in its third year and allows for local sections to recognize one individual annually who has demonstrated extraordinary outreach volunteerism to their section. Each awardee will receive a certificate and a recognition gift, and will be publicized on acs.org and various ACS publications.

The theme for NCW 2015 is "Chemistry Colors Our World." The theme will focus on the chemistry of color, pigments, dyes, and light. CCA encourages Councilors to ensure that their local section has a member appointed as coordinator for CCED and NCW. You can learn more about ACS outreach activities at www.acs.org/outreach.

George Heard, Chair

J. Chemistry and Public Affairs
(joint with Board)

The Committee on Chemistry and Public Affairs advises and recommends ACS action on public policy matters involving the chemical sciences and technologies. I am pleased to report some of the CCPA activities undertaken to help make ACS a premier advocacy organization.

Public Policy Fellowships

For the past 40 years, the American Chemical Society has been sending chemists to Washington D.C. for an immersive experience in how the government works through the ACS Public Policy Fellowships. The purpose of the program is two-fold: to give chemists a better understanding of how government policy affects the chemical enterprise, and to inject some scientific knowledge into the policy-making process. ACS congressional fellows serve in the office of a congressional committee or personal office; science policy fellows serve in the American Chemical Society's Office of Public Affairs office.

Annually, CCPA selects two congressional fellows and one science policy fellow. For the 2014-2015 public policy fellowship term, we are pleased to have two highly qualified congressional fellows: Marianne Lalonde is serving in the office of Senator Sherrod Brown (D-OH), where she focuses on energy and environment issues. Emily Lewis is working on the House Natural Resources Committee. In addition, Stephanie Hirsch DeLuca began her ACS Science Policy fellow working with the ACS Office of Public Affairs, where she handles a variety of issues. More information about applying for the fellowships can be found at www.acs.org/policyfellows.

ACS Public Policy Statements

ACS public policy statements define the Society's advocacy agenda and provide recommendations to policymakers at the state and federal levels. In 2014, policy recommendations from multiple ACS statements were enacted into legislative language. The ACS Office of Public Affairs tailored unique advocacy campaigns depending on the issue and the circumstances of each bill, mixing ACS member engagement efforts, staff work, and press communications efforts.

ACS federal legislative accomplishments in 2014 include **S. 1468/H.R. 2996 – Revitalize American Manufacturing & Innovation Act**, which covers various aspects of key ACS policy statements such as U.S. Business Climate; U.S. Innovation & Entrepreneurship; Science Education; and Sustainability of the Chemistry Enterprise. **The Research and Development Tax Credit** was included as part of the enactment of **H.R. 5771, The Tax Increase Prevention Act of 2014**. Society advocacy efforts on the **Fiscal Year 2015 Continuing Resolution** emphasized the importance of predictable and sustained funding as central to the health of the U.S innovation system. Society efforts for these bills were guided by the ACS policy statements on S&T Funding, U.S. Innovation & Entrepreneurship, and U.S. Business Climate. The **National Defense Authorization Act for Fiscal Year 2015** contained a provision which creates a STEM Education pilot program for military children, advancing policy recommendations from the ACS Science Education policy statement.

ACS was also active at the state level. The **Colorado Energy Research Authority (SB14-011)** implemented aspects of the ACS energy policy statement by creating the Colorado Energy Research Authority (CERA), allocating funds for the Energy Research Cash Fund (ERCF), and supporting the Colorado Energy Research Collaboratory. Also in Colorado, the **Advanced Industry Investment Income Tax Credit (HB14-1012)** included policy recommendations from the ACS policy statements on U.S. Business Climate and U.S. Innovation & Entrepreneurship policy statements, and creates new opportunities for companies in advanced industrial sectors. In **Washington, Senate Bill 6552** contained ACS-endorsed language offering high school students the opportunity to access career and technical education course equivalencies for mathematics and science credits, drawing from the ACS Science Education policy statement. Current ACS policy statements can be found at www.acs.org/policy.

Susan B. Butts, Chair

K. Chemical Safety
(joint with Board)

The Committee on Chemical Safety (CCS) provides the best possible support and resources in safety to our ACS members and the chemical enterprise. We are aligned with ACS Strategic Goal 3 “*to support reforms and initiatives that result in safer laboratory practices.*” We have continued to seek ways to strengthen the safety culture of academic and other institutions as we seek to address ways to improve laboratory safety and to find ways to prevent or minimize incidents in academic institutions.

In October 2014 a team representing CCS held a Strategic Planning Retreat (SPR) in Washington, DC at ACS headquarters. The SPR was attended by the CCS Chair and 8 CCS leaders and was facilitated by Amber Hinkle and Kathleen Schulz of the ACS Leadership Advisory Board. The SPR was recommended by the ACS Committee on Committees in its most recent 5-year review of CCS. CCS enthusiastically endorsed the SPR as evidenced by the fact that 20 members responded to pre-work assignments for the SPR even though only 9 could attend. At the SPR, CCS aligned its vision, mission, and goals with ACS vision, mission and goals. CCS’ new Vision Statement is “*A culture that results in all chemical practitioners working safely.*” and its new Mission Statement is “*To promote and advance a positive safety culture by providing authoritative resources.*” CCS also identified three priority goals: 1) Develop, populate, and maintain a Lessons Learned Information System that is used as a teaching tool for hazard assessment and management; 2) Create and maintain a centralized, well-managed, current, and authoritative suite of documents related to chemical safety; 3) Establish a communication system that disseminates chemical safety information quickly and widely to targeted groups. With these new management tools being in place, the new Chair will be a better position to lead CCS in the direction needed to utilize its enthusiastic and passionate members to support ACS efforts in safety.

In pursuit of CCS Goal 1 (see above), CCS approached the ACS Board of Directors (BOD) with a proposal to develop a Lessons Learned Database (LLD). This included responding to the National Research Council recommendation to partner with several academic leadership organizations to develop a LLD. The CCS Chair, Robert Hill, made a presentation to the BOD on December 5, 2014 to explain this proposal. The BOD decided that it was not in the best interest of the ACS to support this proposal but did okay the participation of CCS members in an academic taskforce to address LLD needs.

At the CCS Strategic Retreat, the need was identified for a panel of environmental, health, and safety experts to advise CCS in very technical matters. In the latter part of 2014 the CCS Safety Advisory Panel was established. One of its first tasks was to develop in conjunction with the Division of Chemical Health and Safety a response to an OSHA request for information on several topics including the rulemaking process for chemical hazards in the workplace, occupational exposure limits and risk assessments—Members of the panel will address questions regarding a wide variety of safety issues that arise from institutions, corporations and agencies, provide expert guidance in developing reports and work with other ACS responsible parties in preparing draft ACS responses to EHS regulatory concerns.

CCS established the Task Force for Safety Education Guidelines (TFSEG). The purpose of the TFSEG is: to develop guidelines for laboratory safety education for secondary, undergraduate, and graduate education.

In early November CCS’ TFSEG met in Washington, DC at ACS headquarters – we graciously thank ACS for their strong support this important activity. At the meeting led by co-chairs Jack Breazeale and Kirk Hunter, members were divided into three working groups – representing 1) secondary (pre-college) schools, 2) undergraduate schools, and 3) graduate schools. Each group worked together to establish a plan and process for moving forward. This included identifying safety topics within the curriculum for each year of education, and what each student should know and should be able to do by the end of each year.

CCS in the fall of 2013 published the draft of the CCS/Division of Chemical Health and Safety (CHAS) report of the Hazard and Analysis Task Force (HATF) on *“Identifying and Evaluating Hazards in the Research Laboratory”* on its website (see www.acs/safety). CCS received a number of suggestions and corrections for the 2013 draft. The Task Force submitted its final report to the professional editors and this report should be released in early 2015. This report was prepared in response to the U.S. Chemical Safety Board (CSB), which requested that the ACS *“Develop good practice guidance that identifies and describes methodologies to assess and control hazards that can be used successfully in a research laboratory.”* The final report will be submitted to CSB for its review and approval as the appropriate response to their request to the ACS. CSB will issue a statement of acceptance of the report by the ACS after it reviews the final report. CCS has additional plans to prepare a webpage based on this final report that provides each of the risk assessment tools in forms that can be readily accessed.

CCS publishes a two-volume set of *“Safety in Academic Chemical Laboratories”* or SACL. Since the publication of the first edition of SACL, CCS has distributed more than 1 million copies of SACL. CCS members are now drafting the 8th Edition of SACL – the 7th Edition was published in 2003. The updated edition will include stories of notable incidents, sections on safety culture, new changes in OSHA Hazard Communication Standard to reflect the use of the Globally Harmonized System (GHS), and some reorganization. The release of Volume 1 of the 8th Edition of SACL is expected in 2015.

All chemists have been concerned about adverse incidents especially fires and explosions, that have resulted in injuries associated with chemical demonstrations in high schools. In December 2013 CSB released a video *“After the Rainbow”* that focused on preventing incidents from chemical demonstrations that featured a victim of a flash fire from a “Rainbow” demonstration (see videos at www.csb.gov). In January 2014 a similar incident with the “Rainbow” demonstration injured two students, one seriously. In March 2014, CCS released its first-ever safety alert about the “Rainbow Demonstration” in *Chemical and Engineering News*. The alert noted that flammable solvents should be handled in laboratory hoods. Science teachers were asked to stop using “Rainbow” demonstrations involving flammable solvents like methanol on open benches. Furthermore, the message asked ACS members to forward this safety alert to high schools in their area. Links to good alternative demonstrations were provided at the CCS website at www.acs.org/safety. Nevertheless, several additional incidences involving the use of methanol have been reported and in late October 2014, the CSB released yet another warning *“Key Lessons for Preventing Incidents from Flammable Chemicals in Educational Demonstrations”*.

For some time many have believed these incidents and other laboratory incidents have root causes linked to weak safety cultures in the academic community that resulted in weak or missing safety education and weak safety ethics among teachers, researchers, and professional chemists. In the interest of the ACS and its members, CCS has focused its efforts in finding ways to help strengthen academic safety cultures, to better education researchers in risk assessments, to identify the elements of a good safety education, and to work in building a universal lessons-learned database. CCS believes these important efforts merit strong support from ACS management to demonstrate that safety is an important goal for all ACS members, and we want to thank you for your continued commitment to our efforts and the safety of ACS members everywhere.

Elizabeth M. Howson, 2015 Chair
Robert H. Hill, Jr., 2014 Chair

L. Chemical Abstracts Service
(joint with Board)

The Joint Board-Council Committee on Chemical Abstracts Service (also known as CCAS) met twice in 2014 and will meet again at the Spring National Meeting in Denver. The committee consists of members from academia, industry, and government, and continues to fulfill its charter by serving as a channel for the flow of information between CAS management, ACS members, and users of CAS products and services. Committee members provide important feedback, suggestions and questions regarding CAS products and services.

At both 2014 meetings, CAS management provided the committee with an overview of financial performance as well as product and service news. At the fall meeting in San Francisco, committee members learned that the CAS databases continue to grow at record pace – CAS exceeded 400 million cited references, and by year-end, more than 1.5 million indexed records were forecasted to be added to the CA/CAplusSM family of databases.

SciFinder continues to evolve with new initiatives providing workflow advancements and increased global availability. CAS and PerkinElmer collaborated to provide a new research solution, pairing SciFinder[®], the choice for chemistry research[™], with ChemDraw[®] software, the drawing tool of choice for chemists. This collaboration allows users to draw a structure using the ChemBioDraw Ultra 14 offering, and then initiate a SciFinder session to search the structure. Researchers can now save considerable time when using both products, and this feature has been overwhelmingly popular.

Committee members enjoyed unique reports during the 2014 executive sessions covering specific areas of CAS's services. At the fall meeting, the group explored initiatives for CAS to introduce new content, and leverage new uses of existing content. Exciting new concepts were shared with members, eliciting their feedback and suggestions. Committee members were pleased to learn about NCI[™] Global, a new service targeted for release in early 2015, which will provide modern web access to regulatory information, with weekly email alerts to track substances of interest and functionality to export results for further post-processing.

The SciFinder Future Leaders in Chemistry program celebrated its fifth year in 2014 with 18 students participating from around the world selected from nearly 400 applicants. This program provides students and post doctorates with the exclusive opportunity to share their research experience with CAS scientists and each other, and to take part in the Fall ACS National Meeting. To date, the program has hosted more than 85 students and post doctorates from 50 countries

I am pleased to report that the Committee on Chemical Abstracts Service continues to fulfill its responsibilities in a purposeful manner. We look forward to hearing from ACS members and all CAS users through the ACS Member Network. I encourage you to stop by the CAS booth at the Colorado Convention Center to learn more about the numerous exciting initiatives underway at CAS.

Grace Baysinger, Chair