

# **AMERICAN CHEMICAL SOCIETY**

## **Council Agenda**

**Wednesday, August 31, 2011  
8:00 AM**

**Centennial Ballroom A-E**

**Hyatt Regency Convention Center Hotel**

**Denver, Colorado**

COUNCIL, AMERICAN CHEMICAL SOCIETY  
8:00 A.M., August 31, 2011  
Hyatt Regency Convention Center Hotel, Centennial Ballroom A-E  
Denver, Colorado

AGENDA

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**DRAFT  
MINUTES  
COUNCIL**  
AMERICAN CHEMICAL SOCIETY  
March 30, 2011  
Anaheim, California

The Council of the American Chemical Society met in Anaheim, California, on March 30, 2011, beginning at 8:00 a.m. Nancy B. Jackson, President of the Society and the Council, presided. The following Councilors, Alternate Councilors, and accredited representatives were present:

**Ex-Officio:** Paul S. Anderson, George M. Bodner, Ronald Breslow, Bruce E. Bursten, William F. Carroll, Jr., Charles P. Casey, Dennis Chamot, Bonnie A. Charpentier, Pat N. Confalone, Joseph S. Francisco, Ned D. Heindel, Catherine T. Hunt, Nancy B. Jackson, Madeleine Jacobs, Neil D. Jespersen, Larry K. Krannich, Valerie J. Kuck, Thomas H. Lane, Flint H. Lewis, E. Ann Nalley, Attila E. Pavlath, Elsa Reichmanis, Kathleen M. Schulz, Bassam Z. Shakhashiri, Kent J. Voorhees, Paul H.L. Walter, Edel Wasserman, Marinda Li Wu.

**Divisions:** *Agricultural and Food Chemistry*, Michael J. Morello, Agnes M. Rimando, Sara J. Risch. *Agrochemicals*, Jeanette M. Van Emon, Robert D. Wauchope. *Analytical Chemistry*, Michelle V. Buchanan, M. Bonner Denton, Catherine C. Fenselau, Roland F. Hirsch. *Biochemical Technology*, Arindam Bose, Frederick G. Heineken, Sadettin Ozturk, Sharon P. Shoemaker. *Biological Chemistry*, Michael D. Burkart, Paul R. Carey, Stewart L. Fisher. *Business Development & Management*, Janet L. Bryant, Michael Hurrey. *Carbohydrate Chemistry*, Derek Horton, John R. Vercellotti. *Cellulose & Renewable Materials*, Kevin J. Edgar. *Chemical Education*, Renee S. Cole, Resa M. Kelly, Laura E. Pence, Gabriela C. Weaver. *Chemical Health & Safety*, Robert H. Hill, Jr., Frankie K. Wood-Black. *Chemical Information*, Bonnie Lawlor, Andrea B. Twiss-Brooks. *Chemical Toxicology*, Paul T. Henderson. *Chemistry & The Law*, James C. Carver, Alan M. Ehrlich. *Colloid & Surface Chemistry*, Tina M. Nenoff, John N. Russell, Jr., Maria M. Santore. *Computers in Chemistry*, Emilio X. Esposito, Peter C. Jurs, Ralph A. Wheeler. *Environmental Chemistry*, V. Dean Adams, Alan W. Elzerman, Jurgen H. Exner, Martha J.M. Wells. *Geochemistry*, Andrew N. Bishop. *History of Chemistry*, Roger A. Egolf, Mary Virginia Orna. *Industrial & Engineering Chemistry*, Martin A. Abraham, John Engelman\*, Melanie J. Lesko, Mary K. Moore. *Inorganic Chemistry*, Alan L. Balch, Ana de Bettencourt-Dias. *Medicinal Chemistry*, Peter R. Bernstein\*, Richard A. Gibbs, William J. Greenlee, Thomas E. Prisinzano\*. *Nuclear Chemistry & Technology*, Steven W. Yates. *Organic Chemistry*, Michael P. Doyle, Donna M. Huryn, Barry B. Snider, Christopher J. Welch. *Petroleum Chemistry*, Anne M. Gaffney, Martin L. Gorbaty. *Physical Chemistry*, John E. Adams, Paul W. Jagodzinski, Ellen B. Stechel. *Polymer Chemistry*, Rigoberto C. Advincula\*, Frank D. Blum, H.N. Cheng, William H. Daly. *Polymeric Materials: Science & Engineering*, Michael Jaffe, David J. Lohse. *Professional Relations*, John K. Borchardt, John L. Massingill, Jr. *Rubber*, John M. Long, Charles P. Rader. *Small Chemical Businesses*, Sharon V. Vercellotti.

**Local Sections:** *Akron*, James E. Duddey, Daryl L. Stein. *Alabama*, Tracy P. Hamilton. *Ames*, Kathleen D. Trahanovsky. *Auburn*, Edward J. Parish. *Baton Rouge*, Anne K. Taylor. *Binghamton*, Wayne E. Jones, Jr. *Brazosport*, Carolyn Ribes. *California*, G. Bryan Balazs, Mark D. Frishberg, Sheila Kanodia, Lee H. Latimer, Alex M. Madonik, James M. Postma\*, Paul F. Vartanian, Elaine S. Yamaguchi. *California Los Padres*, Albert C. Censullo. *Carolina-Piedmont*, Matthew K. Chan, Halley A. Merrell, Jr. *Central Arizona*, Richard C. Bauer, Douglas J. Sawyer. *Central Arkansas*, Martin D. Perry, Jr. *Central Massachusetts*, Christopher Masi. *Central New Mexico*, Donivan R. Porterfield, Steven K. Showalter. *Central North Carolina*, Timothy D. Ballard, Robert A. Yokley. *Central Ohio Valley*, Gary D. Anderson. *Central Pennsylvania*, Paul D. Schettler, Jr. *Central Texas*, James E. Boggs, Linette M.

\*Alternate Councilor

\*\*Temporary Substitute Councilor

Watkins\*. *Central Utah*, Young Wan Ham\*. *Central Wisconsin*, C. Marvin Lang. *Chattanooga*, Maurice R. Smith. *Chemical Society of Washington*, Joseph M. Antonucci, Robert P. Barron\*, Regina J. Cody\*, John M. Malin, N. Bhushan Mandava, Kim M. Morehouse, Douglas J. Raber, Noel H. Turner, James J. Zwolenik. *Chicago*, Cherlynlavaughn Bradley, Charles E. Cannon, Mark C. Cesa, David S. Crumrine, Herbert S. Golinkin, Russell W. Johnson, Fran K. Kravitz, Milt Levenberg, Barbara E. Moriarty, Stanley S. Seelig\*, Susan M. Shih. *Cincinnati*, Bruce S. Ault, Kathleen Gibboney, William R. Oliver, Roger A. Parker. *Cleveland*, Samina Azad, David W. Ball, Dwight W. Chasar. *Coastal Georgia*, Will E. Lynch. *Colorado*, Sandra J. Bonetti, Kimberly O. Pacheco, Angela R. Powers, Susan M. Schelble. *Columbus*, Edmund T. King\*, Virginia H. Songstad, Jeffrey B. Trent. *Connecticut Valley*, Ronald D. Archer, Tyson A. Miller, Julianne M.D. Smist, Frank J. Torre, Ronald J. Wikholm. *Cornell*, Thomas A. McCarrick. *Corning*, Roger F. Bartholomew. *Dallas-Fort Worth*, Linda D. Schultz, E. Thomas Strom, Angela K. Wilson. *Dayton*, Steven Trohalaki. *Delaware*, Allen A. Denio, John Gavenonis, Martha G. Hollomon. *Detroit*, Mark A. Benvenuto, James M. Landis, Jr., Walter O. Siegl. *East Central Illinois*, Ellen A. Keiter. *East Tennessee*, Arlene A. Garrison\*. *East Texas*, Michael Sheets\*. *Eastern New York*, Mary K. Carroll, Warren D. Hull, Jr. *Eastern North Carolina*, Satinder Ahuja. *Erie*, Weslene Tallmadge. *Florida*, Béla S. Buslig, Carmen V. Gauthier. *Georgia*, Lissa Dulany, Rigoberto Hernandez, C. David Sherrill, Joseph P. Stoner. *Greater Houston*, Simon G. Bott, Carolyn A. Burnley, Amber S. Hinkle, Mamie W. Moy, David M. Singleton, Mark Vreeke\*. *Green Mountain*, Willem R. Leenstra. *Hampton Roads*, Kenneth G. Brown. *Heart O'Texas*, Darrell G. Watson. *Huron Valley*, Ellene T. Contis, Harriet Lindsay. *Idaho*, Joshua J. Pak\*. *Illinois Heartland*, Victoria Finkenstadt. *Illinois-Iowa*, Richard G. Rogers. *Indiana*, Dawn A. Brooks, Ann H. Hunt, Robert A. Pribush. *Indiana-Kentucky Border*, Jeff W. Seyler. *Inland Northwest*, Jeffrey A. Rahn. *Iowa*, Addison Ault. *Kalamazoo*, Lydia E.M. Hines. *Kanawha Valley*, Madan M. Bhasin\*. *Kansas City*, Eckhard Hellmuth, Sarah J. Leibowitz. *Kentucky Lake*, Charles M. Baldwin. *LaCrosse-Winona*, Ressano Machado. *Lake Superior*, Donald K. Harriss. *Lehigh Valley*, Teresa M. Jones-Wilson\*, Carol B. Libby. *Lexington*, Mark Blankenbuehler. *Louisiana*, Alvin F. Bopp. *Louisville*, James F. Tatera. *Maine*, Mitchell R.M. Bruce. *Mark Twain*, H. David Wohlers. *Maryland*, Merle I. Eiss, Paul J. Smith, Stephanie Watson. *Memphis*, Laura M. Wolf. *Michigan State University*, Susanne M. Lewis\*. *Middle Georgia*, Robert J. Hargrove. *Mid-Hudson*, George W. Ruger. *Midland*, Wendy C. Flory, Bob A. Howell. *Milwaukee*, Kevin W. Glaeske, Joseph J. Piatt. *Minnesota*, Marilyn D. Duerst, Lynn G. Hartshorn, Ramesh C. Kumar, Sarah M. Mullins, Wayne C. Wolsey. *Mobile*, Mark R. Watry\*. *Mojave Desert*, Peter Zarras. *Mo-Kan-Ok*, *The Tri-State*, Khamis S. Siam. *Montana*, Kyle S. Strode. *Nashville*, Ruth A. Woodall. *Nebraska*, Michael D. Mosher. *New Haven*, Olivier Nicaise. *New York*, Richard D. Cassetta, Donald D. Clarke, Ronald P. D'Amelia, Brian R. Gibney\*, Richard M. Goodman, Joan A. Laredo-Liddell, Anne T. O'Brien, Patricia A. Redden, Frank Romano. *North Carolina*, James L. Chao, Alvin L. Crumbliss, Richard A. Palmer, Melissa A. Pasquinelli\*, Laura S. Sremaniak, Alan E. Tonelli. *North Jersey*, Jeannette E. Brown, Amber F. Charlebois\*, Alan B. Cooper, Jacqueline A. Erickson, Susan R. Fahrenholtz, Marilyn D. Gorman, Stan S. Hall, Elizabeth M. Howson\*, Anne M. Kelly, Diane Krone, Les W. McQuire, Michael M. Miller, Joseph A. Potenza, William H. Suits. *Northeast Georgia*, Michael B. McGinnis. *Northeast Oklahoma*, Joe D. Allison. *Northeast Tennessee*, John K. Sanders. *Northeast Wisconsin*, Martin D. Rudd. *Northeastern*, Michaeline F. Chen\*, Catherine E. Costello, Michael P. Filosa, Thomas R. Gilbert, Patrick M. Gordon\*, Morton Z. Hoffman, Christine H. Jaworek-Lopes\*, Leland L. Johnson, Jr.\*, Doris I. Lewis, Robert L. Lichter, Norton P. Peet\*, Marietta Schwartz\*, Mary Jane Shultz. *Northeastern Indiana*, Michael J. Brownfield. *Northeastern Ohio*, Carol A. Duane. *Northern New York*, Richard E. Partch. *Northern West Virginia*, John H. Penn\*\*. *Northwest Central Ohio*, Hafeed A. Bascal\*. *Oklahoma*, Allen W. Apblett. *Ole Miss*, Jason E. Ritchie. *Omaha*, Richard Lomneth. *Orange County*, Robert S. Cohen, Rabin D. Lai, Sanda P. Sun. *Oregon*, Richard L. Nafshun. *Orlando*, Darlene K. Slattery. *Ouachita Valley*, Danny E. Hubbard. *Ozark*, Eric Bosch\*. *Panhandle Plains*, Jo L. King\*. *Penn-Ohio Border*, Doris L. Zimmerman. *Pensacola*, Allan M. Ford. *Permian Basin*, David A. Carter. *Philadelphia*, Judith H. Cohen, Deborah H. Cook, John C. Crawford, Ella L. Davis\*, Anne S. DeMasi, Robert J. Levis, Kathryn A. Lysko\*, Cheryl A. Martin, Margaret A. Matthews, William R. Smith\*, Judith A. Summers-Gates. *Pittsburgh*, Richard S. Danchik, Joseph D. Jolson\*, James A. Manner, Vincent M. Mautino. *Portland*, Angela Hoffman. *Princeton*,

Louise M. Lawter. *Puerto Rico*, Ingrid Montes. *Puget Sound*, Gary D. Christian, Susan C. Jackels, Gregory L. Milligan, Mark Wicholas. *Purdue*, Suzanne C. Bart. *Red River Valley*, Harmon B. Abrahamson. *Rhode Island*, Carolyn H. Kendrow. *Richland*, Richard A. Hermens. *Rochester*, D. Richard Cobb, Richard W. Hartmann. *Rock River*, Dennis N. Kevill. *Sabine-Neches*, John A. Whittle. *Sacramento*, John R. Berg, Janan M. Hayes. *Salt Lake*, Peter J. Stang. *San Antonio*, Terrill D. Smith. *San Diego*, Thomas R. Beattie, Hui Cai, John G. Palmer, J. Kenneth Poggenburg, Jr., Barbara Sawrey, Ved P. Srivastava, Sonja Strah-Pleynet. *San Gorgonio*, James A. Hammond, J. Ernest Simpson. *San Joaquin Valley*, Melissa L. Golden. *Santa Clara Valley*, Linda S. Brunauer, Abigail Kennedy, George J. Lechner, Howard M. Peters, Sally B. Peters, Peter F. Rusch, Herbert B. Silber, Ean Warren. *Savannah River*, Christopher J. Bannochie. *Sierra Nevada*, Eun-Woo Chang. *Sioux Valley*, Jetty L. Duffy-Matzner. *Snake River*, Don L. Warner. *South Carolina*, William H. Breazeale, Jr., Scott R. Goode. *South Florida*, Milagros Delgado, George H. Fisher, Zaida C. Morales-Martinez. *South Jersey*, Guenter Niessen. *South Plains*, Bill Poirier. *South Texas*, Thomas R. Hays. *Southeastern Pennsylvania*, James B. Foresman\*\*. *Southern Arizona*, Steven L. Brown\*. *Southern California*, Rita R. Boggs, Robert M. de Groot, Joseph T. Khoury\*, Thomas R. LeBon, Eleanor D. Siebert, Barbara P. Sitzman. *Southern Illinois*, Rachel M. Theall. *Southern Indiana*, Andrea Pellerito\*\*. *Southern Nevada*, Onofrio G. Gaglione. *Southwest Georgia*, M. Elizabeth Derrick. *Southwest Louisiana*, Robert K. Pertuit. *St. Joseph Valley*, J. Philip Bays. *St. Louis*, Lisa M. Balbes, Lawrence Barton, Donna G. Friedman, Alexa B. Serfis. *Susquehanna Valley*, Dee Ann Casteel. *Syracuse*, Venera Jouraeva. *Tampa Bay*, Thomas A. Jackman. *Texas A&M*, David E. Bergbreiter. *Toledo*, Andrew D. Jorgensen. *Trenton*, Mark W. Galley, Jerome Goodkin. *University of Missouri*, Ingolf Gruen. *Upper Ohio Valley*, Kevin Pate. *Upper Peninsula*, David J. Chesney\*. *Virginia*, Patrick G. Barber, R. Gerald Bass, Ann M. Sullivan. *Virginia Blue Ridge*, Benjamin P. Huddle, Jr. *Wabash Valley*, Edward A. Mottel. *Wakarusa Valley*, Joseph A. Heppert. *Washington-Idaho Border*, Kirk A. Peterson\*. *Western Carolinas*, Lucy P. Eubanks, George L. Heard. *Western Maryland*, Don B. Weser. *Western Michigan*, Mark A. Thomson. *Wichita*, D. Paul Rillema. *Wichita Falls-Duncan*, Keith R. Vitense. *Wisconsin*, Martha L. Casey, Ieva L. Reich. *Wyoming*, John O. Hoberg.

**Nonvoting Councilors:** Rudy M. Baum, Brian A. Bernstein, Brian D. Crawford, Denise L. Creech, Mary M. Kirchhoff,

**Noncouncilors:** Elizabeth P. Beckham, Judith L. Benham, Yvonne D. Curry, Brian J. Dougherty, Cheryl B. Frech, Alicia E. Harris, David E. Harwell, Al Hutchins, John C. Katz, Nina I. McClelland, Dorothy Miller, Inessa Miller, Connie J. Murphy, Christi Pearson, Barbara F. Polansky, Sophie L. Rovner, Diane G. Schmidt, Sadiq Shah, David T. Smorodin, Linda Wang, Marleen G. Weidner.

The preceding list of attendees at the Council meeting includes the following: 28 Ex- Officio Councilors; 76 Division Councilors (72 elected, 4 alternate); 329 Local Section Councilors (290 elected, 36 alternate, 3 temporary); 5 Nonvoting Councilors; and 21 Noncouncilors (staff and others). Approximately 55 observers were in attendance.

### Resolution

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

Ms. Shirley B. Radding (Charter local section member, long-time supporter)	Santa Clara Valley (1973-1993)
Dr. W. Allan Powell (Professor Emeritus of Chemistry, University of Richmond)	Virginia (1970-1990)

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

Approval of Minutes

2. VOTED to approve, as distributed, the minutes of the meeting of August 25, 2010.

Report of Interim Actions, Council Policy Committee

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

Selection of Candidates for President-Elect 2012

**William H. (Jack) Breazeale**, chair, Committee on Nominations and Elections (N&E), introduced the following nominees for selection as candidates for President-Elect 2012, and candidates for election to the Board of Directors:

4. In accordance with the provisions of Bylaw III, Sec. 3, b, (1), (b), the Committee on Nominations and Elections presented the following nominees for selection as candidates for President-Elect 2012: Judith L. Benham, Dennis Chamot, Diane Grob Schmidt, and Marinda Li Wu. After each nominee spoke to Council, the Council selected by electronic ballot Dennis Chamot and Marinda Li Wu as candidates for President-Elect 2012.

Dr. Breazeale introduced the candidates for the Board of Directors, chosen by voting Councilors in District III and District VI for the election to be conducted this fall for the term 2012-2014: District III, Pat N. Confalone and David J. Lohse; and District VI, Bonnie A. Charpentier and Carlos G. Gutierrez.

Dr. Breazeale then announced the following candidates for Director-at-Large on the Board of Directors: Ken B. Anderson, William F. Carroll, Jr., Charles E. Kolb, and Barbara A. Sawrey. The election will be conducted this fall. The two successful candidates will fill 2012-2014 terms.

Reports of Society Officers

**President Nancy B. Jackson** shared information on her participation at the launch of the International Year of Chemistry (IYC) at the Chemical Heritage Foundation in Philadelphia and at the UNESCO headquarters in Paris. She said that the international launch in Paris afforded her the opportunity to meet with leaders of chemistry from all over the world and to see the enthusiasm for chemistry in so many countries. Dr. Jackson said that chemistry is truly becoming global. She added that in most countries in the developing world, it is an accepted fact by all politicians, businessmen and scientists, that scientific investment fuels the economic engine. Yet she questioned how something so obvious – the connection between investment in S&T research and development and the future economic growth of a country – cannot be recognized in the US?

Next, Dr. Jackson transitioned her remarks into that of the job situation for chemists. She said that ACS members have one the highest unemployment rates ever measured and that it seems to be hitting young people hardest of all. Dr. Jackson reported that every ACS Board member is gravely concerned, and that many in ACS governance recognize the need to redouble efforts to assist displaced members, help newly graduated chemists find meaningful jobs, and stimulate new chemistry-related job creation – including support for small chemical businesses and start-ups. She said that as a professional society, we need to take on the issue of jobs for the future of our profession.

**President-Elect Bassam Z. Shakhashiri** began his report by stating that he will be donating the equivalent amount of his registration fee (that he no longer has to pay as a 50-year member of ACS) to Project SEED and the ACS Scholars Program. Dr. Shakhashiri informed the Council that 2012 is the sesquicentennial celebration of the Land Grant Act and that the Land Grant Act transformed America through science and technology. He said that ACS should mark this anniversary at national meetings and

in every other way possible by highlighting our mission and by showcasing our contributions and leadership in scientific research and in science education -all in service to society and for the benefit of future generations.

Dr. Shakhashiri announced the working theme for his presidential year as “Advancing Chemistry, Communicating Chemistry.” He noted that while all chemists may not win the Priestley Medal or the Nobel Prize, we can all become scientist citizens – locally, regionally, nationally, and around the world.

**Immediate Past President Joseph S. Francisco** said that many ACS members are hurting due to historic numbers of job losses in the last few years. He noted that from the beginning of his term in the presidential succession, the issue of employment has been one of his most important issues. Dr. Francisco then described his presidential task force that has been examining the current state of innovation in chemistry, defining the barriers and opportunities in stimulating innovation, and finally recommending specific steps that ACS could implement to help chemists become innovators and entrepreneurs and thus create sustainable jobs in the U.S.

Dr. Francisco reported that the Presidential Task Force on Innovation has recommended that ACS develop a single organizational unit – a kind of “technological farmers’ market” offering affordable (or free) help to entrepreneurs. Second, ACS should increase its advocacy of policies at the federal and state levels to improve the business environment. Third, ACS should partner more vigorously with academic institutions and other relevant organizations to promote awareness of career pathways and educational opportunities. Fourth, ACS should increase public awareness of the value of early-stage entrepreneurship.

**Board Chair Bonnie A. Charpentier** opened her report with an update on the Leadscope case. She reminded Councilors of the Society’s appeal to the Ohio State Supreme Court. Dr. Charpentier added that the Court has agreed to hear the case and that several prestigious organizations have filed briefs in support of the Society’s position that the judgment against ACS was unfair and unconstitutional. She assured Councilors that she would keep them informed of this issue.

Next, Dr. Charpentier reported several Board actions taken at the spring meeting, including approval of screened lists of nominees for the 2012 Priestly Medal and the 2012 Volunteer Service Award to the ACS; actions regarding executive staff compensation; and approvals of ACS journal editor reappointments; and appointments to the Governing Board for Publishing and the Executive Compensation Committee. She concluded her comments by thanking all ACS leaders for the work they do for the Society.

**Executive Director and CEO Madeleine Jacobs** said that ACS has a wealth of activities this year in support of the International Year of Chemistry that harness the energy and creativity of our members and sister scientific societies to spread the word about the value of chemistry in everyday life. Ms. Jacobs urged Councilors to visit the new ACS booth at the exposition that features - all in one place - the myriad of programs, products, and services that ACS offers.

Ms. Jacobs reported that CAS and ACS journals are working closely to integrate SciFinder and the ACS journals so that users can now go seamlessly back and forth across the platforms. She added that the collaboration between the divisions of Membership and Scientific Advancement and of Education has been to enhance the undergraduate and graduate student experience and value of ACS membership. Ms. Jacobs concluded her report by commenting on the recommendations from the Task Force on Innovation. She said that the implementation of the recommendations from this task force involve collaborations among all ACS staff operating divisions as well as a number of governance committees. Ms. Jacobs added that ACS already has many activities that can be improved and harnessed for our members who have an entrepreneurial bent, a great invention, and a passion for succeeding. She said that this year, we will be working to find a way to take those great inventions and turn them into true innovations that can create startups and valuable jobs here in the U.S.



Reports of Elected Committees

Council Policy Committee (CPC)

**Carolyn Ribes**, vice chair, reported that CPC voted to approve a procedure for recorded votes when using clickers. She said: 1) whenever the Chair calls for a clicker vote (other than elections) Councilors will be asked before the voting begins if there is request for a recorded vote; 2) once voting has begun, a call for a recorded vote is out of order; 3) if a recorded vote is requested in a timely fashion and is supported by 3/10 of the Councilors voting, a clicker vote will be taken, the numerical vote reported, and the record of each Councilor's vote will be published in C&EN; and 4) in the event a clicker vote is taken and there is no request for a recorded vote, or such request fails to obtain the 3/10 vote of Councilors, only the numerical vote will be reported and any record of individual votes will be sealed.

Next, Dr. Ribes announced plans to partner with the Committees on Nominations and Elections and Constitution and Bylaws to draft a petition to amend the bylaws on procedures for the use of clickers during recorded votes. She also reported that CPC took two other actions: 1) to accept the recommendations of the CPC-ConC Task Force on Proposed Committee Expense Reimbursement Policy; and 2) to set the Councilor divisor for 2012-2015. Dr. Ribes said that 22 new Councilors participated in the new Councilor orientation. She reminded Councilors of the discussion in Boston regarding moving the Council meeting from Wednesday to Tuesday. Dr. Ribes said that CPC agreed not to move forward with the proposal.

Committee on Committees (ConC)

**Les W. McQuire**, committee chair, reported that the Committee on Committees held its New Chairs Training Conference in Ft. Worth, Texas, January 21-23, 2011, for eight new chairs and their staff liaisons, as part of the ACS Leadership Institute meeting. Dr. McQuire said that ConC has begun developing recommendations for 2012 committee chair appointments for consideration by the President-Elect and the Chair of the Board of Directors.

Dr. McQuire informed the Council that a performance review for the Committee on Community Activities has been completed, and that ConC's recommendation for the continuation of this committee will appear on the Council agenda for the fall national meeting. Performance reviews for the committees on Ethics, Project SEED, and Publications are underway, and it is expected that ConC's recommendation for the continuation of these committees will appear on the Council agenda at a national meeting next year. Dr. McQuire also reported that ConC received a request from the Other Council Committee on Technician Affairs to amend slightly the wording of its charter from "Chemical Technician" to "Applied Chemical Technology Professional."

5. VOTED, on the recommendation of the Committee on Committees, with the concurrence of the Council Policy Committee, that the charter of the Committee on Technician Affairs be amended to include updated terminology.

Nominations and Elections (N&E)

**William H. (Jack) Breazeale**, committee chair, reported on the results of the morning's elections for President-Elect 2012 (see item 4).

Dr. Breazeale then said that the committee held a very successful Town Hall meeting on March 27, with excellent feedback from the N&E nominees for President-Elect. He reported that N&E is responsible for reviewing annually the distribution of member populations within the six electoral districts to assure that the districts have equitable representation. He said that all six electoral districts are in compliance with the bylaw requirement.

Next, Dr. Breazeale said that the committee is considering possible changes to nominee eligibility for the future. He added that N&E currently does not consider two candidates for Board member or President-

Elect from the same local section or the same employer. Dr. Breazeale reported that the committee is considering whether there should be a limit for the number of Board members/former Board members being nominees for the same position at one time. N&E is also considering whether there should be a time period between being a Board member and being a nominee for ACS President-Elect. Dr. Breazeale said that the committee is seeking feedback on this issue.

#### Reports of Society Committees and the Committee on Science

##### Budget and Finance (B&F)

**Pat N. Confalone**, committee chair, reported that in spite of economic challenges faced in 2010, the Society's operating performance held up remarkably well. He said that total revenue was \$463.7 million, up +0.8% from 2009, and \$2.4 million (+0.5%) higher than the 2010 budget. The Net from Operations was \$23.8 million, or \$11.9 million favorable to budget. This resulted largely from cost containment initiatives and lower than budgeted salaries and fringe benefits.

Dr. Confalone reported that unrestricted net assets improved in 2010, increasing from \$123.9 million in 2009 to \$130.5 million at year end 2010. The increase was attributed to the Society's strong operating results and investment gains, but it was partially offset by a significant accounting charge related to an increase in liabilities associated with the Society's postretirement benefit plans. The accounting charge was the result of a continuing decline in interest rates from 2009 to year end 2010. Dr. Confalone then reported that the committee voted to recommend to Council that the dues for 2012 be set at the proposed fully escalated rate.

6. VOTED, on the recommendation of the Committee on Budget and Finance, with the concurrence of the Council Policy Committee, that the member dues for 2012 be set at the fully escalated rate of \$148.

##### Education (SOCED)

**Mary K. Carroll**, committee chair, reported that ACS President-Elect Bassam Shakhshiri addressed the committee about the need to define what ACS *must* do in chemical education to recognize the motivations behind its actions, and to determine how ACS should carry out its education mission. Dr. Carroll said that SOCED agreed to create a Task Force with the Division of Chemical Education charged with working with ACS staff to explore avenues for creating a chemistry teachers association or affiliation under the ACS umbrella to meet the needs of teachers of chemistry at the middle and high school levels.

Dr. Carroll reported that the committee approved a supplement to the *ACS Guidelines for Chemistry in Two-Year College Programs* on the Chemistry-Based Technology Degree Programs. She also said that SOCED approved the development of two supplements on ethics and partnerships. SOCED asked the Committee on Professional Training to partner with them to create supplements on distance education and dual enrollment. Dr. Carroll concluded her report by stating that the committee passed a resolution recognizing the 20<sup>th</sup> anniversary of Undergraduate Programming at national meetings and another resolution in honor of the 75<sup>th</sup> anniversary of the Committee on Professional Training.

##### Science (ComSci)

**Sadiq Shah**, committee chair, reported progress on ComSci's central initiative over the past two years - the Alternative Energy Systems (AES) project. The alternative energy initiative has several dimensions – including science & technology, education, and policy. Dr. Shah said that the scientific component is focused on four areas: hydrogen, solar, biofuels, and nuclear energy. He reported that following a well-attended session on hydrogen in Boston, ComSci organized two successful forums at this meeting on solar and nuclear energy, and that planning is underway for a session on biofuels. Dr. Shah added that a special multidisciplinary symposium on community college approaches to renewable energy was held at this meeting.

Dr. Shah reported that a second major cross-cutting issue being developed by ComSci is the STEM education to innovation and entrepreneurship initiative, which focuses on how we can better prepare the next generation of scientists for discovery and entrepreneurship.

#### Reports of Standing Committees

##### Local Section Activities (LSAC)

**Lee Latimer**, committee chair, thanked the 169 local sections that have completed their 2010 annual reports so far. Dr. Latimer noted the release of a new system for report submission called FORMS. He said that a significant number of local sections reported dissatisfaction with FORMS and the committee heard the actions taken by staff to address and resolve the major problems encountered. Dr. Latimer reported that LSAC is supporting the ACS-sponsored Pennies for PUR™ Water Fundraiser for the International Year of Chemistry. He said that through this effort the Society is hoping to raise enough funds to be able to provide 1.5 million gallons of clean water for those in need.

Next, Dr. Latimer shared information and deadlines of grants offered by LSAC that include: Science Café grants; Bridging the Gap: Student Member Grant; Bridging the Gap: IYC Grant; Innovative Project Grants; and a Joint LSAC/IAC International Interaction Grant. He said that the Online Speaker Directory is now active and is being used by local sections for their 2011 events. Dr. Latimer reported that LSAC voted to support a petition from the Northeast Oklahoma Local Section requesting to change its name to the Northern Oklahoma Local Section. The name change is a result of the Northeast Oklahoma Local Section acquiring the territories of the former Central Oklahoma Local Section.

7. VOTED, as recommended by the Committee on Local Section Activities, with the concurrence of the Council Policy Committee, to change the name of the Northeast Oklahoma Local Section to the Northern Oklahoma Local Section.

##### Membership Affairs (MAC)

**Wayne E. Jones**, committee chair, reported that membership recruitment efforts were exceptionally successful in 2010. He added that it is particularly impressive that due to efficiencies in our recruiting efforts, the net cost to recruit the more than 25,000 new members decreased from \$122 per member in 2008 to \$67 in 2010 despite increases in costs for postage and printing. Dr. Jones said that the committee received the report of the Board-Presidential Task Force on Society Services and Associated Dues Pricing Models and is pursuing a phased approach to the many recommendations.

Dr. Jones stated that MAC is expecting to announce the availability of Gift Memberships within the next 12-18 months as a new and improved ACS Online Membership Application is created. He added that to facilitate further communication with all members, a new Task Force on Member Insights was created that will focus on gathering input from various select member groups across the Society.

##### Meetings and Expositions (M&E)

**William R. Oliver**, committee chair, reported that the 241<sup>st</sup> ACS National Meeting in Anaheim has attracted nearly 14,000 attendees and M&E expects to exceed the budget for both registration and exposition revenue. He said that despite some negative comments about traffic and rain, 86 percent of the Boston meeting respondents stated that they believe Boston should be considered for future meetings. Dr. Oliver reported the proposed sites and dates of the 2021 national meeting: San Antonio, TX, March 21-25; and Boston, Massachusetts, August 22-26.

Dr. Oliver said that both the Committee on Divisional Activities and M&E have been involved with implementing recommendations from the Task Force on Electronic Dissemination of Meeting Content (EDMC). He reported that M&E took action on two recommendations: 1) that a subscription model for access to the electronic content be developed and that the model shall have different rates for ACS members and nonmembers; and 2) that after the 12 month period expires for which ACS controls the

EDMC, divisions be allowed to download the content to their websites. Dr. Oliver concluded his report by announcing that in order to more fully support regional meetings, M&E voted to suspend indefinitely the implementation of cost sharing for abstracts. This action will eliminate the approximate \$10 fee per abstract that was anticipated to take effect for regional meetings in 2012 and beyond.

#### Divisional Activities (DAC)

**Chris Welch**, representing the committee chair, reported that the committee is required to bring to Council a formula for allocating dues funds to divisions. Dr. Welch said that DAC is proposing the same formula Council approved in 2008.

8. VOTED on the recommendation of the Committee on Divisional Activities, with the concurrence of the Council Policy Committee, that the Division Allocation Formula remain the same as outlined in the 2011 spring Council agenda.

Dr. Welch stated that the probationary Division of Catalysis Science and Technology continues to make progress in meeting the criteria to become a regular division of the Society and that DAC plans to recommend to Council at the fall meeting approval for regular division status. He also said that the Multidisciplinary Program Planning Group has recommended to the divisions the following themes for the upcoming 2014 national meetings: “Chemistry of Power and Advanced Materials” – Spring, Dallas; and “Chemistry on a Crowded Planet” – Fall, San Francisco. Dr. Welch concluded his comments by reporting that DAC approved 10 Innovative Grant Proposals totaling \$59,000.

#### Economic and Professional Affairs (CEPA)

**Lisa M. Balbes**, committee chair, reported that CEPA’s meeting focused on the plight of displaced workers and new graduates, and of course the economy. She said that 2010 unemployment rates for chemists are at their highest numbers since the Society began collecting this data in 1970. Dr. Balbes said that the average period of unemployment for a chemist is now 10.7 months, and that three years ago it was approximately six months.

Dr. Balbes stated that equally distressing are the high unemployment rates for new graduates. The unemployment rates for bachelors and masters level chemists are higher than the national unemployment rate, while that of Ph.D. graduates is nearly the same as the national unemployment rate. As a result, many undergraduates are choosing to pursue advanced degrees, and Ph.D. graduates are being forced into the postdoctoral pool. Dr. Balbes said that CEPA is working with the Graduate Education Advisory Board to address these issues. She also said that employers continue to report that they are hiring, but that they do not have enough open positions to justify travel to a national career fair. Also, many unemployed members cannot afford to travel to national or even regional meetings. Dr. Balbes reported that CEPA is addressing these concerns through its Virtual Career Fair and details can be found at [www.acs.org/vcf](http://www.acs.org/vcf).

#### Constitution and Bylaws (C&B)

**Harmon B. Abrahamson**, committee chair, reported that the committee recently issued certified bylaws to the Syracuse and Baton Rouge Local Sections. He added that since the 2010 fall meeting, C&B has reviewed proposed bylaw changes and submitted preliminary reports to four local sections and one division. Dr. Abrahamson reported that there is one petition for consideration – the Petition on Position Statements. He said that the deadline for submission of new petitions to amend the Constitution and Bylaws is May 11.

#### Reports of Other and Joint Board Council Committees

##### Chemistry and Public Affairs (CCPA)

**Connie Murphy**, committee chair, said that CCPA is responsible for providing the Society with advice

and recommendations for action on public policy matters that impact the chemical sciences and technology. She added that CCPA acts as the catalyst for ACS member participation in government affairs programs at both the federal and state level, encouraging members to contact their legislators through the Act4Chemistry Legislative Action Network, and to visit state and federal policymakers in Washington and their home districts.

Ms. Murphy reported that ACS members in Tennessee had a very successful state legislative summit highlighting the 2011 International Year of Chemistry, and that the Governor offered a state proclamation honoring IYC. She added that ACS members in Minnesota persuaded their state legislators to recognize IYC on the floor of the Minnesota House of Representatives. Ms. Murphy concluded her report with a video clip of the Minnesota proclamation.

#### Environmental Improvement (CEI)

**Martin A. Abraham**, committee chair, reported that CEI recognized the second group of educators for outstanding efforts to integrate sustainability into the chemistry classroom during a symposium at the spring national meeting. Dr. Abraham said that education is a key component of what ACS members do. He added that through chemistry faculty, we influence the minds of the next generation of the profession, so this symposium provides an opportunity for leading educators, who are developing and delivering sustainability content for the chemistry profession, to talk about the innovative ways in which they are reaching young people. Dr. Abraham said that the committee heard a presentation from two undergraduate students that it sponsored to attend the international climate change talks in Cancun, Mexico last year. He concluded his remarks by sharing the committee's work with the Sustainability Stakeholders Steering Group (S3G) to create a comprehensive web presence that highlights ACS's efforts in the area of sustainability.

#### International Activities (IAC)

**Judith L. Benham**, committee chair, reported that at this meeting IAC focused on refining its 2011 strategic goals. She added that IAC welcomed leaders of visiting societies including IUPAC, the Federation of Asian Chemical Societies (FACS), the German Chemical Society, the Canadian Society of Chemistry, the Mexican Chemical Society, the Royal Society of Chemistry, and the Latin American Federation of Chemical Associations (FLAQ). Dr. Benham reported that IAC approved petitions to honor the memory of Madame Curie's contributions to the chemical sciences and to express solidarity with our colleagues in Japan as they work to rebuild in the wake of the March 11 earthquake and tsunami tragedy.

Dr. Benham said that IAC contributed to two successful symposia: "International Collaboration in the Chemical Sciences: Best Practices" and "Scientific Freedom and Human Rights in the Chemical Sciences." She concluded her remarks by reporting that the Board of Directors had voted to approve the establishment of ACS International Chemical Sciences Chapters in Shanghai and Thailand.

9. VOTED on the recommendation of the Committee on International Activities, with the concurrence of the Council Policy Committee and the Board of Directors, to authorize the creation of two international chemical sciences chapters – the Shanghai International Chemical Sciences Chapter and the Thailand International Chemical Sciences Chapter.

#### Public Relations and Communications (CPRC)

**Cheryl B. Frech**, committee chair, reported that CPRC has four main areas of focus for 2011: 1) mentoring support for public relations chairs; 2) canvassing for support and administering awards for public outreach, public relations and communicating chemistry; 3) developing guidelines on how committees can use social media to improve their impact and effectiveness; and 4) promoting IYC.

Dr. Frech said that CPRC is using social media to promote IYC. She shared a video of the IYC rap song and dance event that was held outside of Sci-Mix and that is now on YouTube. Dr. Frech said that the committee is also working on a video contest for IYC. The idea is to collect short "Speaking Simply" videos of no more than 60-seconds each, with members giving a brief but compelling message about how chemistry has the solutions for energy, the environment, new materials and health – the four themes of IYC.

#### Younger Chemists (YCC)

**Dorothy Miller**, committee chair, reported that earlier this year YCC and the committees on Divisional Activities and Local Section Activities collaboratively surveyed the younger chemists' constituency on the perceived value that divisions and local sections provide. She said that through a partnership with the European Younger Chemists Network, YCC has developed both a virtual and physical exchange program, with the goal of helping both the US and international younger chemists to make connections and build professional relationships.

Dr. Miller reported that in November, YCC selected the second group of CIBA Young Scientists Travel Award winners. The four recipients were awarded \$500 travel grants to attend ACS national or regional meetings and to present research and participate in professional development activities. She added that YCC selected 15 Younger Chemists Leadership Development Award recipients. Awardees attended the 2011 ACS Leadership Institute in Fort Worth, TX.

#### 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 Orange County Local Section, host Section for the 241<sup>st</sup> National Meeting, the sincere appreciation of the Council and the entire Society for the cordial hospitality extended to all registrants at this meeting, and that the Council conveys special thanks to the division program chairs and symposium organizers responsible for the outstanding technical sessions, as well as to members of the Sections and headquarters staff, for the planning and execution that have assured the success of the 241<sup>st</sup> National Meeting.

11. WHEREAS on March 11, 2011, a magnitude 9.0 earthquake and tsunami centered off the coast of Japan struck in deadly tandem, which caused great devastation in the northern part of the country, and

WHEREAS chemistry professionals in the U.S. and worldwide are deeply moved, concerned for their colleagues, and inspired by their resiliency;

BE IT RESOLVED That the Board of Directors and Council of the American Chemical Society expresses their sincere and heartfelt concern over the loss and turmoil caused by the earthquake, tsunami, and nuclear crisis in Japan. To our colleagues and friends from Japan, more than 4,000 of whom are ACS members, we salute your resolve in the face of this tragedy. While words cannot adequately express our feelings of regret and sorrow, please know that our thoughts are with you and your families.

12. WHEREAS Marie Curie, née Maria Skłodowska, was born in Warsaw, Poland on November 7, 1867,

WHEREAS she was appointed Professor in the Faculty of Sciences, the first time a woman held this position at the Sorbonne in Paris,

WHEREAS Madame Curie developed methods for the separation of radium from radioactive residues in sufficient quantities to allow for its characterization and the careful study of its properties, therapeutic properties in particular,

WHEREAS the Nobel Prize in Chemistry 1911 was awarded to Marie Curie “in recognition of her services to the advancement of chemistry by the discovery of the elements radium and polonium, by the isolation of radium and the study of the nature and compounds of this remarkable element,”

WHEREAS the 2011 International Year of Chemistry coincides with the 100<sup>th</sup> anniversary of the Nobel Prize awarded to Madame Marie Curie and constitutes an opportunity for the world to celebrate the contributions of women to science,

WHEREAS Honorary Membership in the American Chemical Society was bestowed upon Marie S. Curie in 1910;

Therefore, Be It Resolved that the Council of the American Chemical Society honor the memory of Madame Curie, recognize her many contributions to chemistry, and commend the story of her life as an inspiration to all women in science.

There being no further business, the meeting adjourned at 10:55 a.m.

Flint H. Lewis  
Secretary

REPORT OF INTERIM ACTION, COUNCIL POLICY COMMITTEE

Since the meeting of the Council on March 30, 2011, the Council Policy Committee has taken the following action:

CPC 1-2011. VOTED to approve the recommendation from the CPC Divisor Communications Subcommittee and use the new Councilor divisor of 455.



ELECTION TO  
COMMITTEE ON COMMITTEES

Action Requested. The Committee on Nominations and Elections has selected the following slate of candidates for membership on the Committee on Committees, effective January 1, 2012:

Matthew K. Chan	Helen (Bonnie) A. Lawlor
Richard S. Danchik	Zaida C. Morales-Martinez
Rigoberto Hernandez	Howard M. Peters
Roland F. Hirsch	Sara J. Risch
James M. Landis, Jr.	Jason E. Ritchie

The Council must elect five individuals. The five candidates receiving the highest numbers of votes will be declared elected for the 2012-2014 term. All the candidates have indicated their willingness to serve if elected. Biographies of the candidates are summarized at the end of the item.

Supplementary Information: Those members of the Committee of Committees whose terms end on December 31, 2011 are:

Cherlynlavaughn Bradley, Chicago Section  
Rigoberto Hernandez, Georgia Section  
James M. Landis, Jr., Detroit Section  
Howard M. Peters, Santa Clara Section  
Sara J. Risch, Agricultural & Food Chemistry (Michigan State University Section)

Cherlynlavaughn Bradley is ineligible for reelection.

The present members of the Committee on Committees who will continue on that body are:

2010-2012

Bryan Balazs, California Section  
Dawn A. Brooks, Indiana Section  
Les W. McQuire, North Jersey Section  
Ingrid Montes, Puerto Rico Section  
Frankie K. Wood-Black, Chemical Health & Safety (North Central Oklahoma Section)

2011-2013

Janet Bryant, Business Development & Management (Richland Section)  
H.N. Cheng, Polymer Chemistry (Louisiana)  
Amber S. Hinkle, Greater Houston Section  
V. Michael Mautino, Pittsburgh Section  
Yorke E. Rhodes, New York Section

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**CHAN, MATTHEW K. Carolina-Piedmont Section.** BASF Corporation, Charlotte, North Carolina.

**Academic Record:** Broome Community College, A.A.S., 1975; Jersey City State College, B.S., 1981.

**Professional Positions** (for past ten years): BASF Corporation, Regulatory Compliance-NAFTA, 2004 to date, Senior, Product Stewardship Specialist, 1996-04.

**Service in ACS National Offices:** Committee on Constitution and Bylaws, 2009-11, Committee Associate, 2007-08, Secretary, 2011; Committee on Minority Affairs, 2003-09, Committee Associate, 2002; Committee on Community Activities, 2004; ACS Scholar Mentor, 2004 to date; National Chemistry Week, 2002-03.

**Service in ACS Offices:** Member ACS since 1982. *Carolina-Piedmont Section:* Councilor, 2006-11, Alternate Councilor, 2002-05, Acting Chair (by appointment), 2009, Secretary, 2006-07; Executive Committee, 2000 to date; Younger Chemist Committee, Advisor, 2006 to date. *Eastern New York Section:* Alternate Councilor, 1995-2000, Past Chair, 1993, Chair, 1992, Chair-Elect, 1991; Program Chair, 1991; Student Affiliate Liaison Committee Chair, 1999-2000; NERM 97, Arrangement Committee Chair, 1997; Continuing Education Committee Chair, 1995-97; Executive Committee, 1991-2000; Nominating Committee, 1991-93; Education Committee, 1991-2000; Arrangement Committee, 1990-97; *Eastern New York Chemist*, Business Manager, 1988-93; National Chemistry Week Committee, 1987-2000; Membership and Hospitality Committee, 1983.

**Member:** United States Naval Institute, Air Force Association.

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**DANCHIK, RICHARD S., Pittsburgh Section.** Consultant, Pittsburgh, Pennsylvania.

**Academic Record:** Duquesne University, B.S., 1965; Wayne State University, Ph.D., 1968.

**Honors:** American Institute of Chemists, Fellow 1998; American Society of Testing Materials Fellow 1998; Sigma Xi; Phi Lambda Upsilon.

**Professional Positions** (for past ten years): Consultant, 1997 to date; Alcoa, Manager, Environmental Health Laboratory, 1979-96; Senior Scientist, 1974-79.

**Service in ACS National Office:** Committee on Meetings and Expositions, 2002-07, Committee Associate, 2001; Committee on International Activities, 2010-12, 1992-2000, Committee Associate, 2008-09; Advisory Board, *Analytical Chemistry*.

**Service in ACS Offices:** Member ACS since 1966. *Pittsburgh Section:* Councilor, 1991-11, Chair, 1991, Chair-Elect, 1990; Director, 1992-04.

**Member:** American Institute of Chemists; American Industrial Hygiene Association; Spectroscopy Society of Pittsburgh; Society for Analytical Chemists of Pittsburgh; Pittsburgh Conference, President, 1986; American Society for Testing Materials International, 1969-11; International Standards Organization (ISO), 2000-11.

**Related Activities:** Member of the Editorial Board of the *Applied Occupational and Environmental Hygiene* Journal; Actively involved with Pittcon (Pittsburgh Conference) on Analytical Chemistry and Applied Spectroscopy, President 1986 and have chaired numerous Committees for Pittcon and is the Negotiations Chairman for 2012; Authored or Co-authored numerous technical articles and has previously authored the Non-Ferrous Metallurgy Review for the Analytical Chemistry Journal.

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**HERNANDEZ, RIGOBERTO, Georgia Section.** Georgia Institute of Technology, Atlanta, Georgia.

**Academic Record:** Princeton University, B.S.E., 1989; University of California, Berkeley, Ph.D., 1993.

**Honors:** ACS Fellow, 2010; Vasser Woolley Faculty Fellow, Georgia Tech, 2011-13; Sackler Visiting Chair in Exact Sciences, Tel Aviv University, 2010; Humboldt Research Fellow, 2006-08; American Association for the Advancement of Science, Fellow, 2005; Goizueta Foundation Junior Professor, Georgia Tech, 2002-06; Alfred P. Sloan Fellow, 2000; Sigma Xi Southeast Regional Young Investigator, 2002, 2000; Research Corporation Cottrell Scholar, 1999; Blanchard Assistant Professor of Chemistry, Georgia Tech, 1999-01; National Science Foundation CAREER Award, 1997; NSF Graduate Fellow, 1989-92; Sigma Xi, Member, 1994.

**Professional Positions** (for past 10 years): Georgia Institute of Technology, Professor, 2009 to date; Associate Professor, 2002-09; Co-Director of Center for Computational Molecular Sciences & Technology, 2000 to date; Assistant Professor, 1996-02.

**Service in ACS National Offices:** Committee on Committees, 2009-11; Committee on Divisional Activities, 2004-08; Joint DAC/LSAC Subcommittee, Co-Chair, 2005-07; Board Committee on "Minorities in Academe Implementation Team," 2003-04; Hildebrandt Award Canvassing Committee, 2002-04.

**Service in ACS Offices:** Member ACS since 1992. *Georgia Section:* Councilor, 2003-11; Past-Chair, 2000; Chair, 1999; Chair-Elect, 1998; Herty Award Committee, Chair, 2006 to date; Chair, 75<sup>th</sup> Herty Medal Celebration 2009 and Founding Chair of Herty Medal Undergraduate Research Symposium, 2006-10.

**Member:** American Association for the Advancement of Science; American Physical Society; Biophysical Society. *ACS Divisions:* Computational Chemistry, Physical Chemistry; and Polymer Chemistry.

**Related Activities:** Director of the Open Chemistry Collaborative in Diversity Equity (OXIDE), 2010 to date; NIH MSFB Study Section, 2009-13; Research Corporation Cottrell Scholars Advisory Committee, 2011-13; National Academies Board on Chemical Sciences and Technology, 2007-10; Board of Directors of Telluride Science Research Center, 2007-09; External Review Committee for Morehouse College Chemistry Department, 2007; Steering Committee for NSF Workshop on complexity and emergent phenomenon, 2007; Steering Committee for NSF Workshop on excellence empowered by a diverse workforce, 2007; National Academies Committee on advanced chemical imaging, 2005-06; published over 57 peer-reviewed articles to date.

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**HIRSCH, ROLAND F. Division of Analytical Chemistry** (North Jersey Section). U.S. Department of Energy, Germantown, Maryland.

**Academic Record:** Oberlin College, B.A., 1961; University of Michigan, M.S., 1963; Ph.D., 1965.

**Honors:** Distinguished Service Award in the Advancement of Analytical Chemistry, ACS Division of Analytical Chemistry, 2000; Honorary Fellow, The Library of America, 2010; Sigma Xi.

**Professional Positions** (for past ten years): U.S. Department of Energy, Office of Science, Program Manager, 1991 to date; Acting Director, Biological Systems Science Division, 2008.

**Service in ACS National Offices:** Committee on Committees, 2008-10; Committee on Science, Committee Associate, 2005-07; Committee on Divisional Activities, 1999-04, Committee Associate, 1998; Committee on Publications, Committee Associate, 1996-97; Committee on International Activities, 1984-92, Chair, 1990-92, Committee Associate, 1981-83; Committee on Nominations and Elections, 1985-87, Secretary, 1986-87; Committee on Meetings and Expositions, 1978-84; Program Coordination Conference Advisor, 1983-96; Advisory Board, *Analytical Chemistry*, 1987-88, 1983-85; Advisory Board, ACS Books, 1985-88.

**Service in ACS Offices:** Member ACS since 1966. *Division of Analytical Chemistry:* Councilor, 1995-12; Alternate Councilor, 1992-94; Chair, 1987-88; Chair-Elect, 1986-87; Secretary, 1980-83; Division Website Editor, 1995 to date; Financial Planning Committee Chair, 1989-90; Nominations Committee Chair, 1989-90; Awards Committee Chair, 1987-88. *ByLaw Councilor*, 1987. *North Jersey Section:* Councilor, 1976-86, 1972-74; Alternate Councilor, 1987-89; Chair, 1979; Chair-Elect and Program Chair, 1978; Nominations Committee Chair, 1981; Hospitality Committee Chair, 1971-74; Analytical Topical Group Chair, 1970.

**Member:** Society for Applied Spectroscopy; Society for Electroanalytical Chemistry. *ACS Divisions:* Analytical Chemistry; Chemical Education; Chemical Information; and Geochemistry.

**Related Activities:** Member, National Research Resources Advisory Committee, National Institutes of Health, 1992 to date; Interagency Working Group on Neutron Science, Office of Science & Technology Policy, 2000-02; Manager, American student delegation to Annual Meeting of Nobel Laureates, Lindau, Germany, 2000-08.

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**LANDIS, JAMES M, Jr., Detroit Section.** Henkel Corporation, Madison Heights, Michigan.

**Academic Record:** Northern Michigan University, B.A., 1977, M.A., 1980.

**Honors:** Detroit Section, ACS, Distinguished Service Award, 2001; Sigma Xi, 1980.

**Professional Positions** (for past ten years): Henkel Corporation, Research Chemist to Senior Research Scientist, 1980 to date.

**Service in ACS National Service:** Committee on Committees, 2009-11, Secretary, 2011; Committee on Meetings and Expositions, 2003-08; Committee on Chemists with Disabilities, 2003-08, 1991-93, Chair, 2006-08.

**Service in ACS Offices:** Member ACS since 1979. *Detroit Section:* Councilor, 2002-13, Alternate Councilor, 2001, Secretary, 1998-99, Local Section Editor and Publications Committee Chair, 1999 to date.

**Member:** Microscopy Society of America; International Union of Pure and Applied Chemistry.

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**LAWLOR, HELEN (Bonnie) A. Division of Chemical Information (Philadelphia Section).** National Federation of Abstracting and Information Services (NFAIS), Philadelphia, Pennsylvania.

**Academic Record:** Chestnut Hill College, B.S., 1966; St. Joseph's University, M.S., 1976; University of Pennsylvania, Wharton School, M.B.A., 1989.

**Honors:** Meritorius Service Award, Division of Chemical Information, ACS, 2006; Alpha Epsilon Sigma; National Federation of Abstracting and Information Services Memorial Award, 1998; American Society for Information Science Achievement Award, 1996.

**Professional Positions** (for past ten years): National Federation of Advanced Information Services (NFAIS), Executive Director, 2002 to date; Chescot Publishing Incorporated, President/CEO 1998-02; UMI Incorporated, General Manager, Academic and Public Library Division, 1996-98.

**Service in ACS National Offices:** Council Policy Committee (Voting), 2006-11; (Nonvoting), 1997-99; Committee on Nominations and Elections, 2000-05, Vice-Chair, 2003, Secretary, 2001; Committee on Divisional Activities, 1994-99, Chair, 1997-99; Committee on Copyrights, 1990-98, Chair, 1993-95, Committee Associate, 1989; Committee on Committees, Task Force on Publications/Copyrights Inter-Committee Relationship, 1999; Advisory Board for Industry Relations, 1997-99; Board Task Force on Technical Programming, 1998; Program Coordination Conference Committee, 1997-98; ACS Books Advisory Board, 1991-94; ACS Representative, American Association for the Advancement of Science, Section T, 1985-86.

**Service in ACS Offices:** Member ACS since 1972. *Division of Chemical Information:* Councilor, 1992-12; Chair, 1989; Chair-Elect, 1988; Secretary-Treasurer, 1984-87; Corresponding Secretary, 1982; Archivist 2006-date; Publications Committee Chair, 1990-95; Editor, *Chemical Bulletin*, 1977-83.

**Member:** American Association for the Advancement of Science; Chemical Structure Association Trust, Board of Trustees; LYRASIS, Board of Trustees; Philosopher's Information Center, Board of Trustees. *ACS Division:* Chemical Information.

**Related Activities:** Chemical Structure Association Trust, Board Member, 1990 to date; Information Industry Association, Board Member, 1997-98; American Society for Information Science, Board Member, 1996-98, Chair, Program Advisory Board, 1998 to date; Chair, Delaware Valley Chapter, 1994; Secretary 1992-94; Chair of Technical Program Committee for 1995 Conference; National Federation of Abstracting and Information Services, President, 1989; Chair, Information Policy and Copyright Committee, 1991 to date; Chair, Annual Program Conference, 1988; Editorial Advisory Board, Annual NFAIS Yearbook, 1990-94; Editorial Advisory Board, *The International Journal of Electronic Publishing*, 1993-96; Editorial Advisory Board, *TERI Information Digest of Energy*, 1991-95; Chemical Notation Association, President, 1980; Secretary, 1976-79; American Institute of Chemists, Secretary, Philadelphia Chapter, 1981-82. Executive Vice President, Database Publishing, Institute for Scientific Information 1989 – 1995.

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**MORALES-MARTINEZ, ZAIDA C. South Florida Section.** (Retired) Florida International University, Miami, Florida.

**Academic Record:** University of Puerto Rico, Rio Piedras, B.S., 1957; The Pennsylvania State University, M.S., 1962.

**Honors:** 2011 Award for Volunteer Service to ACS; ACS 2004 Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences; ACS 2002, Women Chemists Committee Southeast Regional Award for Fostering Diversity in the Chemical Sciences; Florida International University: Excellence in Teaching Award, 1985, Outstanding Service, 1991, Excellence in Advising Award, 1994, FIU President Affirmative Action Award, 1993 and Distinguished Service Medallion Award for Extraordinary Service, 2002.

**Professional Positions** (for past ten years): Retired, Florida International University, Chemistry Emeritus Professor, 2003 to date; Senior Chemistry Lecturer and Coordinator of Pre-Medical Advising and Science Recruitment and Retention, 1994–03; Consultant, ACS Scholars Program Mentoring, 1999 to date.

**Service in ACS National Offices:** Membership Affairs Committee, 2004-11; International Affairs Committee, 2004-05; Younger Chemists Committee, Consultant, 2004-05; Committee on Minority Affairs, 1993-2000; Committee on Education, 1992-2000, Committee Associate, 1990-91; Committee on Project SEED, 1989-94; Task Force of Undergraduate Programming at National Meetings, 1999-04; Organizing Committee of the Pan-American Conference in Puerto Rico, 2000; ACS Program Review Advisory Group (PRAG), 2005–09; Selection Committees for the ACS National Awards, 2004 to date; Faculty Advisors Review Panel for SAACS Awards, 1999-05; Program Chair, Undergraduate Programming at the 223<sup>rd</sup> National Meeting, Orlando, Florida 2002; President Al Heininger's "Task Force on Minorities in the Chemical Sciences", 1989-90.

**Service in ACS Offices:** Member ACS since 1963. *South Florida Section:* Councilor, 2004-12, 1992-99; Education Chair, 1992 to date. *Florida Section:* Councilor, 1987-92.

**Member:** AISES; AAUW; SACNAS; NOBCChE; Iota Sigma Pi; Phi Eta Mu; Golden Key National Honor Society, Iota Sigma Pi. *ACS Divisions:* Chemical Education and Professional Relations.

**Related activities:** Advisor, Co-advisor and Consultant/Mentor for Florida International University Student Affiliates Chapters, 1986 to date; Various Review Panels for NSF and DOE proposals, 1986-95; Review Panel for Graduate Education for Minorities (GEM) fellowships, 2005 to date.

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**PETERS, HOWARD M.** Santa Clara Valley Section. (Retired) Peters, Verny, LLP, Palo Alto, California.

**Academic Record:** Geneva College, B.S., 1962 (Magna Cum Laude); Stanford University, Ph.D., 1967; Santa Clara University, (at night) J.D., 1978 (Law, patent).

**Honors:** ACS Fellow, 2010; Harry & Carol Mosher Award, Santa Clara Valley Section Award, ACS, 2009; Recognition for Diversity Activities, ACS Board of Directors, 2009; Henry Hill Award, Division of Professional Relations, ACS, 2007; ACS Council Recognition for 30 year service, 2008; Shirley B. Radding Award, Santa Clara Valley Section, ACS, 1997; Middlekauff Distinguished Service Award, Division of Chemistry and the Law, ACS, 1992; Ottenberg Award, Santa Clara Valley Section, ACS, 1984; Royal Society of Chemistry Fellow, 2006; Geneva College Life G Award 2008 & Alumni Award, 1997; Syntex Corporation Achievement Award, 1982.

**Professional Positions** (for past ten years): Retired, 2007, Chemical Patent Attorney; Peters, Verny (Jones, Biksa, Schmidt, Aston), LLP, Founding Partner, Patent Attorney, 1996-07; Phillips, Moore, Lempio and Finley, Partner, Patent Attorney, 1985-96.

**Service in ACS National Offices:** Director-at-Large, 2005-07; Councilor, ex officio, 2005-07; Council Policy Committee (Voting), 2004-06, 2000-02; Committee on Nominations and Elections 1996-98; Committee on Grants and Awards, 2005-07; Committee on Professional and Member Relations, 2006; Committee on Committees, 2009-11, 1991-96; Committee on Patents and Related Matters, 1998-04, 1981-89, Committee Associate, 1980, Consultant, 1990-92; Committee on Minority Affairs, Consultant, 1998-04; Committee on Constitution and Bylaws, 1993, Committee Associate, 1990; Committee on Meetings and Expositions, 1979-82, Committee Associate, 1978.

**Service in ACS Offices:** Member ACS since 1963. *Santa Clara Valley Section:* Councilor, 2008-11, 1977-82; Alternate Councilor, 1983-85, 1976; Chair, 1996, 1986; Chair-Elect and Program Chair, 1995, 1985; Harry and Carol Mosher Award, Committee Chair, 2003-04, 1982-85. *Division of Chemistry and the Law:* Councilor, 1985-04; Chair, 1993; Chair-Elect, 1992; Cofounder, 1979; Committee on Minority Affairs, 1997-04. *Division of Chemical Information:* Chemistry and the Law Subdivision Chair, 1980-85.

**Member:** Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE). *ACS Divisions:* Chemical Education; Chemical Technicians; Chemistry and the Law; History of Chemistry; and Professional Relations.

**Related Activities:** MALTA Organizing Committee, 2011; Santa Clara University, Law School, Board of Visitors & Lawyers Who Lead, 2007 to date; Syntex Corporation, patent attorney, 1980-84; SRI International, Menlo Park, CA, research chemist/project leader, 1969-78; Dow Chemical Company, Midland, MI, research chemist, 1966-69; Invited scientist/author lecturer Cunard's Queen Mary 2, 2008; Technical and legal presentations at national and local meetings; SCI-MIX Symposia; Editor, *ACS Monograph*, "Understanding Chemical Patents," 2<sup>nd</sup> Edition, 1991; Invited Judge, Intel International Science and Engineering Fair, 2001-11; co-inventor with 7 patents; more than 10 journal and monograph publications, over 300 U.S. and foreign patent applications written, filed or prosecuted.

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**RISCH, SARA J. Division of Agricultural & Food Chemistry** (Chicago Section). Popz Europe, Chicago, Illinois.

**Academic Record:** University of Minnesota, B.S., 1979, M.S. 1981; University of Georgia, Ph.D., 1986.

**Honors:** Distinguished Service Award, Division of Agricultural and Food Chemistry, ACS, 2000; 1000 Club ACS Symposium Series, Editor Award, Division of Agricultural and Food Chemistry, ACS, 1993; Helen M. Free, Endowed Lecturer, 2011; Institute of Food Technologists Science Lecturer; Sigma Xi; Phi Kappa Phi.

**Professional Positions** (for past ten years): Popz Europe, Director, Global Research and Development and Quality Assurance, 2010 to date; Principal, Science by Design, 1993 to date; Michigan State University, Professor, 2007-08; Director and Professor, School of Packaging, 2004-06.

**Service in ACS National Offices:** Committee on Committees, 2009-11; Committee on Nominations and Elections, 2003-08, Vice-Chair, 2007-08, Secretary, 2004-05; Committee on Public Relations and Communication, Consultant, 2003-05, 1999-02, Committee Associate, 1998; Committee on Meetings & Expositions, 2001-03, Committee Associate, 2000; Advisory Board, Chemical & Engineering News, 2006-08; Prospectives Advisory Board, 2000-04; Advisory Board, *Journal of Agriculture & Food Chemistry*, 1997 to date; Task Force on National Meeting Finances 2003-04; Canvassing Committee, Grady-Stack Award, 2001, Chair, 2001.

**Service in ACS Offices:** Member ACS since 1986. *Division of Agricultural & Food Chemistry:* Councilor, 1999-13; Chair, 1997; Program Chair, 1996; Vice-Chair, 1995; Secretary, 1999-02.

**Member:** *ACS Divisions:* Agricultural and Food Chemistry and Small Chemical Business.

**Related Activities:** Member Executive Committee, Food Chemistry Division, Institute of Food Technologists, 1998–03; Chair-elect Food Packaging Division, Institute of Food Technologists, 2005; organized or co-organized 10 ACS symposia; participated in ACS Cooks with Chemistry series of seminars for food editors and science writers 1999–04; presented Chemistry of (BBQ, sourdough, ballpark food) at ACS national meetings 2009 to date; edited or co-edited 6 ACS symposium series books.

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**RITCHIE, JASON E. Ole Miss Section.** The University of Mississippi, Oxford, Mississippi.

**Academic Record:** University of California, San Diego, B.S., 1994; University of Texas, Austin, Ph.D., 1998.

**Honors:** Cora Lee Graham Award for Outstanding Teaching of Freshmen, The University of Mississippi, 2007; SEC-Academic Consortium Academic Leadership Development Program, Fellow, The University of Mississippi 2010-11; Gordon Research Conference Travel Award, 1998; Electrochemical Society, Department of Energy Summer Research Fellow, 1998.

**Professional Positions** (for past ten years): University of Mississippi, Associate Professor, 2006 to date, Assistant Professor, 2000-06; University of North Carolina, Postdoc Research Associate, 1998-2000.

**Service in ACS National Office:** Committee on Membership Affairs, 2006-12; Committee Associate, 2005; Younger Chemists Committee, 2002-07, Committee Associate, 2000-01; ACS Board Oversight Group on Leadership Development, Pipeline Implementation Team, 2005-10.

**Service in ACS Offices:** Member ACS since 1997. *Ole Miss Section:* Councilor, 2002-13. *North Carolina Section:* Career Program Liaison 1998; Younger Chemist Committee, Chair 1998.

**Member:** Alpha Chi Sigma; Electrochemical Society. *ACS Division:* Inorganic Chemistry.

**Related Activities:** Membership Affairs Committee, Categories & Dues Subcommittee, Chair 2009-11, Vice-Chair 2008; Facilitate two Leadership Development classes in the ACS Leadership Development System: Coaching and Feedback, and Collaboration Across Boundaries, 2009 to date; YCC, Liaison to Committee on Chemistry and Public Affairs, 2001-06; Attended ACS Science and Technology Congressional Visits Day in Washington, DC, 2001-03, Chair, Scientific Review Committee, Mississippi Region VII Science Fair, 2006-09 and 2011 to date; University of Mississippi Faculty Senate, Vice-President 2009-10, Chair, General Academic Affairs Committee 2008-09; Chair, Academic Subcommittee of the Intercollegiate Athletics Committee, 2007 to date.

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ELECTION TO  
COUNCIL POLICY COMMITTEE

Action Requested: The Committee on Nominations and Elections has selected the following slate of candidates for membership on the Council Policy Committee:

Spiro D. Alexandratos	Mark D. Frishberg
Lawrence Barton	Peter C. Jurs
Michael J. Brownfield	Mamie W. Moy
John W. Finley	Eleanor D. Siebert

The Council must elect four individuals: The four candidates receiving the highest numbers of votes will be declared elected for the 2012-2014 term. All the candidates have indicated their willingness to serve if elected. Biographies of the candidates are presented in summary form at the end of this item.

Supplementary Information. Those members of the Council Policy Committee whose terms end on December 31, 2011, are as follows:

Ray A. Dickie, Polymeric Materials: Science & Engineering (North Carolina Section)  
Helen (Bonnie) A. Lawlor, Chemical Information (Philadelphia Section)  
Mamie W. Moy, Greater Houston Section  
Eleanor D. Siebert, Southern California Section

Ray A. Dickie and Helen (Bonnie) A. Lawlor are ineligible for reelection.

The present members of the Council Policy Committee who continue on that body are:

2010- 2012

M. Elizabeth Derrick, Southwest Georgia Section  
Thomas R. Gilbert, Northeastern Section  
Willem R. Leenstra, Green Mountain Section  
Carolyn Ribes, Brazosport Section

2011 - 2013

John E. Adams, Physical Chemistry (University of Missouri Section)  
Alan M. Ehrlich, Chemistry & The Law (Chemical Society of Washington Section)  
Mary Virginia Orna, History of Chemistry (New York Section)  
Dorothy Phillips, Northeastern Section

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**ALEXANDRATOS, SPIRO D. Division of Industrial & Engineering Chemistry** (New York Section).  
Hunter College of the City University of New York, New York.

**Academic Record:** Manhattan College, B.S. 1973; University of California, Berkeley, Ph.D. 1977.

**Honors:** ACS Fellow, 2009; Fulbright Scholar, 2010-11, L'Ecole des Mines, France; Sigma Xi, Outstanding Alumnus Award, 2006; Phi Beta Kappa, Certificate of Merit, 1993.

**Professional Positions** (for past ten years): Hunter College of the City University New York, Professor of Chemistry, 2001 to date; University of Tennessee, Paul & Wilma Ziegler Professor of Chemistry, 2000-01.

**Service in ACS National Office:** Committee on Chemical Abstracts Service, 2006-11, Chair, 2010-11; Committee on Science, Division Representative, 2009-11; ACS Task Force Chair, Society Committee on Publications, 1994-95; Associate Editor, *Industrial & Engineering Chemistry Research*, 1996 to date.

**Service in ACS Offices:** Member ACS since 1977. *Division of Industrial & Engineering Chemistry:* Councilor, 2008-13, Alternate Councilor, 1993-95, Chair, 1994, Chair-Elect, 1993, Program Committee, 1990-95. *Division of Industrial & Engineering Chemistry, Separation Science Subdivision:* Chair, 1991, Chair-Elect, 1990, Executive Committee, 1989 to date; Program Committee, 1987 to date. *East Tennessee Section:* Treasurer, 1987-88.

**Related Activities:** Gordon Research Conference on Reactive Polymers, Ion Exchangers & Adsorbents, Chair, 1997; Co-Chair, 1995; Editorial Advisory Boards: *Separations Science and Technology*, 1996 to date; *Reactive & Functional Polymers*, 1995 to date; *Solvent Extraction and Ion Exchange*, 1988 to date; 122 refereed publications, including ten patents.

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**BARTON, LAWRENCE St. Louis Section.** University of Missouri, St. Louis, Missouri.

**Academic Record:** Liverpool University, B.Sc., 1960; M.S., 1961; Ph. D., 1964.

**Honors:** St. Louis Section, Distinguished Service Award, ACS, 1999; St. Louis Section, ACS, Award, 1991; Boron in the Americas Award for Distinguished Achievements in Boron Science, 2004; University of Missouri-St. Louis, Outstanding Service Award, 2002; Chancellor's Award for Excellence in Service, 2000; Alumni Association Special Recognition Award, 1998; Potts Medalist, Liverpool University Chemical Society, 1992, Goodlass Wall Fellowship, 1961-64; University of Missouri-St. Louis, Alumni Association Faculty Service Award, 1990; Senior Research Fellowship, Explosives Research and Development Establishment, Waltham Abbey, Essex, England 1970-71.

**Professional Positions** (for past ten years): University of Missouri-St. Louis, Professor Emeritus 2007 to date; Professor of Chemistry, 1986-07; Acting Director, Center for Molecular Electronics, 1999-06; Chair, Faculty Senate and University Assembly, 2000-02; Chair, Chemistry Department, 1980-98.

**Service in ACS National Offices:** Committee on Meetings and Expositions, Committee Associate 2011; Committee on Committees, 2005-10; Committee on Local Section Activities, 1998-04; Committee on Membership Affairs, 1992-97, Committee Associate, 1991.

**Service in ACS Offices:** Member ACS since 1966. *St. Louis Section:* Councilor, 1990-13; Alternate Councilor, 1987-89, 1979-81; Chair, 1980; Chair-Elect, 1979; Section Historian, 2000 to date; High School Career Day Organizer, 2000, 1993-98; Board of Directors, 1993-03, 1981-89, 1977-79; Steering Committee Member, 1996-98, 1980-81, Chair, 1979; Midwest Award Jury, 1992-03, 1983-89; St. Louis Award Symposium Chair, 1983; Nominations Committee Chair, 1979; St. Louis Award Jury, 1978, 1977, 1975; Continuing Education Committee, 1972-74. *Midwest Regional Meeting:* Liaison to National 2011; Exposition Chair, 2000; Symposium Chair, *Rings, Cages and Clusters of the Main Group Elements*, 1979.

**Member:** Royal Society of Chemistry, Chemistry and Physics on Stamps Study Unit. *ACS Divisions:* History of Chemistry and Inorganic Chemistry.

**Related Activities:** President, St. Louis Research Council, 1994-95; 1983-85; Council for Chemical Research, Member Site Organizing Committee, Annual Meeting, 1997, 1988, Awards Committee Member, 1996-97; Vice-President, University of Missouri-St. Louis Chapter, American Association of University Professors, 1980-81; Ohio State University, Visiting Associate Professor, 1977-78; Washington University, Visiting Professor, 1976; Member, National Organizing Committee, Boron-USA (BUSA) Workshops; Co-host Boron in the Americas XI, 2008, St. Louis, MO; Member, Chemical Industrial Laboratory Technician, Advisory Committee, St. Louis School District, 1989-90; *Research Interests*, synthesis, structure, and chemistry of borane and metallaborane cage compounds, organometallic chemistry. Author or co-author of 110 publications.

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**BROWNFIELD, MICHAEL J. Northeastern Indiana Section.** (Retired) Raytheon Electronic Systems, Fort Wayne, Indiana.

**Academic Record:** Indiana Institute of Technology, B.S. Chem., 1967; University of Wisconsin, M. S. Chemistry, 1969.

**Honors:** Chemist of the Year Award, Northeastern Indiana Section, ACS, 1987; Ivy Tech College Outstanding Science Instructor 2010.

**Professional Positions** (for past ten years): Retired, 2010, Raytheon Electronic Systems, Senior Chemist, 1977-2010; Adjunct Instructor of Chemistry and Physical Science, Ivy Tech College, 1998 to date.

**Service in ACS National Offices:** Committee on Divisional Activities, 2008-11, Committee Associate, 2005; Committee on Membership Affairs, 1999-04, Committee Associate, 1996; Committee on Local Section Activities, Committee Associate, 1995; Committee on Economic and Professional Affairs, 1994; Committee on Economic Statistics, 1986-93, Committee Associate, 1984-85; Committee on Professional Relations, Committee Associate, 1992; Fellows Honor Program, Co-chair 2007-09.

**Service in ACS Offices:** Member ACS since 1970. *Northeastern Indiana Section:* Councilor, 1984-12; Chair, 1981; Chair-Elect, 1980; Secretary, 2005-07, 1999-03; Awards Committee Chair, 1989-92; Membership Committee, 1982-83; Public Relations Committee, 1981; Editor and Secretary, *Northeastern Indiana Retort*, 2004-05, Editor, 1986-89; Advertising Manager, 1987-88; Nominating Committee, 1982; Safety Committee, 1986, 1983. *Division of Professional Relations:* Chair, 1994; Chair-Elect, 1993; Secretary, 1998-03; Member-at-Large, 2005-06, 1990-91.

**Member:** American Society of Metals. *ACS Divisions:* Chemical Education; Professional Relations and Polymeric Materials: Science and Engineering.

**Related Activities:** Adjunct Lecturer, mathematics and statistics at Tri-State University, 1998-01.

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**FINLEY, JOHN W., Division of Agricultural & Food Chemistry** (Baton Rouge Section). Louisiana State University, Baton Rouge, Louisiana.

**Academic Record:** LeMoyne College, B.S., 1964; Cornell University, Ph.D., 1969.

**Honors:** Fellow, Agriculture and Food Chemistry Division, ACS, 1990; Institute of Food Technologists, Fellow 2008; Outstanding Alumni, Michigan State University, 2007; Kraft Foods, Kraft Fellow, 1999-04; Phi Kappa Phi 1968; Sigma X 1970.

**Professional Positions** (for past ten years): Professor and Chair of Food Science, Louisiana State University, 2007 to date; A.M. Todd Company, Chief Technical Officer, 2004-07; Kraft Foods, 1999-04.

**Service in ACS National Offices:** Committee on Science, 2008-10, Committee Associate, 2006-07; Committee on Meetings and Expositions, 2009; Committee on Divisional Activities, 2000-05, Committee Associate, 1998-99; Multidisciplinary Program Planning Group, 2009 to date; Associate Editor, *Journal of Agricultural and Food Chemistry*, 1995 to date.

**Service in ACS Offices:** Member ACS since 1969. *Agriculture and Food Chemistry Division:* Councilor, 1997-11, Chair, 1988, Chair-Elect and Program Chair, 1987, Vice-Chair, 1986, Secretary-Treasurer, 1980. *Biotechnology Secretariat:* Secretariat, 1990-11; Secretary General, 2005-11; Theme Co-organizer "Chemistry in the Prevention and Treatment of Disease" 2010; Organized Hot topic Symposium on the Gulf Oil Spill in 2010.

**Member:** American Society of Nutrition; Association of Official Analytical Chemists; Institute of Food Technologists. *ACS Division:* Agricultural & Food Chemistry.

**Related Activities:** Institute of Food Technologists, Board of Directors 2008-11; Nabisco Incorporated, Group Director, 1983-86; University of Iowa, Director, 1982-83; Ralston Purina Company, Scientist, 1981-82; U.S.D.A., Western Regional Research Center, Research Chemist 1970-81.

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**FRISHBERG, MARK D. California Section.** Custom Synthesis Consultant, Santa Rosa, California.

**Academic Record:** Case Institute of Technology, B.S., 1968; Carnegie-Mellon University, M.S., 1971; Ph.D., 1973.

**Honors:** Outstanding Service Award, Rochester Section, ACS, 1994, Outstanding Service Award, Northeast Tennessee Section, ACS, 1980, Sigma Xi, Pi Delta Epsilon, Graduate Teaching Award, Carnegie-Mellon University, 1969.

**Professional Positions** (for past ten years): PCAS-NANOSYN, LLC, Managing Director, 2009-10; Seres Laboratories, Inc., President, 2003-09, Vice President, Business Development, 2002-03; Eastman Chemical Company, Manager, Business Development-Fine Chemicals, 1990-02; Eastman Kodak Company, Director, Custom Synthesis, Laboratory and Research Products Division, 1986-90; Tennessee Eastman Company, Senior Research Chemist, 1975-86; Research Chemist, 1973-75.

**Service in ACS National Office:** Committee on Membership Affairs, 2010-11, Committee Associate, 2009; Committee on Constitution and Bylaws, 2008, Committee Associate 2007; Committee on Public Relations and Communications, 1998-06, Committee Associate 1996-97; Committee on Local Section Activities, 1992-95, Committee Associate, 1991; Younger Chemists Committee, 1978-83, Chair and Ex-Officio Councilor, 1981-83; Professional Programs Planning & Coordinating Committee, 1981-83; Advisory Group for ACS Communications Strategic Plan, 2006-08; Task Force on Membership Retention, 1992-94, 1981-83; Task Force to Evaluate CHEMTECH Magazine, 1981.

**Service in ACS Offices:** Member ACS since 1968. *California Section:* Councilor, 2007-11, Alternate Councilor, 2006. *Rochester Section:* Councilor, 1991-95, Alternate Councilor, 1989-90. *Northeast Tennessee Section:* Alternate Councilor, 1980-86, Chair, 1979, Chair-Elect, 1978, Secretary, 1977, Treasurer, 1976, Newsletter Editor 1974-75. *Professional Relations Division:* Alternate Councilor, 2007-09. *Industrial & Engineering Chemistry Division:* Membership Chair, 1989-91.

**Member:** Alpha Chi Sigma. *ACS Divisions:* Chemical Education, Industrial & Engineering Chemistry, Medicinal Chemistry, Organic Chemistry, and Professional Relations.

**Related Activities:** ACS Career Counselor, 2011; organized and ran ACS sponsored chemical career counseling programs on college campuses, 1978-83; Performed chemical demonstration programs for the public since 1974; Contributed to the commercialization of 12 new active pharmaceutical ingredients and medical devices; Numerous technical and pharmaceutical related presentations in the US, Europe, and Asia; East Tennessee State University, Adjunct Professor, 1976-78; Carnegie-Mellon University, Graduate Teaching Instructor, 1968-72; holds eight US patents.

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**JURS, PETER C. Division of Computers in Chemistry** (Central Pennsylvania Section). Pennsylvania State University, University Park, Pennsylvania.

**Academic Record:** Stanford University, B.S., 1965; University of Washington, Ph.D., 1969.

**Honors:** ACS Fellow, 2009; Presidential Award for Excellence in Academic Integration, Penn State, 1998; ACS Award for Computers in Chemistry, 1990; Barbara and Dean Martin Lecturer, University of South Florida, 2000; Archer Lecture in Organic and Medicinal Chemistry, Rensselaer Polytechnic University, 2001; American Association for the Advancement of Science Fellow, 1987; Merck Award for Faculty Development, 1970.

**Professional Positions** (for past ten years): Pennsylvania State University, Emeritus Professor, 2005 to date; Professor, 1978-05; Assistant Head for Undergraduate Education, 1995-04; Acting Department Head, 1998-99.

**Service in ACS National Offices:** Committee on Nominations and Elections, 2006-11; Committee on Publications, 1997-04, Committee Associate, 2005-08; Society Committee on Publications, 1991-97; Society Committee on Chemical Abstracts Service, 1982-90; Committee on Membership Affairs, Committee Associate, 1979; Advisory Board, *Journal of Chemical Information and Modeling*, 2005-07; Editorial Advisory Board, *Chemical & Engineering News*, 2000-04; Advisory Board, *Journal of Chemical Information and Computer Science*, 2004, 1977-85; Advisory Board, *Journal of Medicinal Chemistry*, 1994-98; Advisory Board, *Analytical Chemistry*, 1988-90.

**Service in ACS Offices:** Member ACS since 1965. *Division of Computers in Chemistry:* Councilor, 1997-12, 1979-93; Alternate Councilor 1994-96. *Central Pennsylvania Section:* Secretary, 1971.

**Member:** American Association for the Advancement of Science, Fellow. *ACS Divisions:* Analytical Chemistry; Chemical Education; Computers in Chemistry, and Professional Relations.

**Related Activities:** *Consultant to:* Los Alamos National Laboratory; Molecular Design, Ltd.; W.R. Grace; Beilstein Institute; Chemical Manufacturers Association; Chair, Organizing Committee, *3rd Symposium on Computer-Enhanced Analytical Spectroscopy*, Snowbird, Utah, June, 1990; Gordon Research Conference on Computer Aided Drug Design, Chair, July 2005, Program Chair, July 2003; National Science Foundation, Program Director, Chemical Analysis, 1983-84; *Analytica*

*Chimica Acta*, Editorial Board, 1977-88; *ChemTracts*, *Analytical and Physical Chemistry*, Contributing Scholar; Member-at-Large, Section Committee on Chemistry of the AAAS, 1999-03; supervised 57 graduate chemistry degrees; co-author of general chemistry textbook *Chemistry: The Molecular Science*, 4<sup>th</sup> Edition, Brooks/Cole; approximately 270 research publications.

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**MOY, MAMIE W. Greater Houston Section.** University of Houston, Houston, Texas.

**Academic Record:** University of Texas, B.A., 1950; University of Houston, M.S., 1952.

**Honors:** ACS Fellow, 2011; Encouraging Women into Careers in the Chemical Sciences Award, ACS, 2011; Helen M. Free Award in Public Outreach, ACS, 2004; Southeastern Texas Section, ACS, Award, 1988; Recognition 101, Women of Distinction in Texas, American Association of University Women, 2008; National Science Teachers Association, Distinguished Service to Science Education Award, 2003; Phi Kappa Phi; Iota Sigma Pi; Alpha Lambda Delta.

**Professional Positions** (for past ten years): University of Houston, Professor, 1990 to date; Associate Chair, 1982-92; Associate Professor, 1978-90.

**Service in ACS National Offices:** Council Policy Committee, 2009-11; Committee on Committees, 2003-08; Committee on Nominations and Elections, 1997-02, Vice-Chair, 2001-02; Committee on Minority Affairs, 1993-2000; Committee on Membership Affairs, 1992-97, Committee Associate, 1990-91; Women Chemists Committee, Committee Associate, 1983-84.

**Service in ACS Offices:** Member ACS since 1967. *Greater Houston Section:* Councilor, 1989-2012, 1982-83; Alternate Councilor, 1984, 1981; Chair, 1985; Chair-Elect, 1984; National Chemistry Week Co-Chair, 1995-2000; Education Committee Chair, 2001-04; Director, 1981-85. *Southwest Regional Meeting:* Publicity Chair, 1986; Awards Chair, Chemical Education Program Organizer, 1996. *Chemical Education Division:* Hospitality Committee Chair, 1999-01. *Southwest Regional Meeting:* Board Chair, 2007, Co-Chair, 2005-06.

**Member:** American Association for the Advancement of Science; National Science Teachers Association; Alpha Chi Sigma. *ACS Division:* Chemical Education.

**Related Activities:** Joint Subcommittee on Diversity 2006-09; ConC Sub-Committee on Industrial Chemists Pipeline 2003-08, Chair, 2006-08; Engineering, Scientific and Technology Council of Houston, Vice-President, 1997-04; Educational Outreach Chair, 1995-04; Robert A. Welch Foundation, Summer Scholar Program, Coordinator, 1988-10; Houston Museum of Natural Science, Advisor, Welch Hall of Chemistry, 1995 to date.

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**SIEBERT, ELEANOR D. Southern California Section.** Mount St. Mary's College, Los Angeles, California.

**Academic Record:** Duke University, B.A., 1963; University of California, Los Angeles, Ph.D., 1969.

**Honors:** Agnes Ann Green Distinguished Service Award, Southern California Section, ACS, 1994; Society for College Science Teachers and Kendall/Hunt Publishers, Outstanding Undergraduate Science Teacher Award, 2001; Sigma Xi; Delta Epsilon Sigma, 1997; Who's Who in America's Teachers; American Men and Women of Science.

**Professional Positions** (for past 10 years): Mount St. Mary's College, Provost and Academic Vice President, 2005 to date; Professor of Chemistry, 1974-05; Chair, Department of Physical Sciences and Mathematics, 1983-05; Interim Graduate Dean, 2004-05.

**Service in ACS National Offices:** Council Policy Committee, 2009-11; Committee on Meetings and Expositions, Committee Associate, 2007; Committee on Committees, 2002-06; Committee on Public Relations and Communications, 1997-01, Chair, 1999-01, Committee Associate, 1996.

**Service in ACS Offices:** Member ACS since 1976. *Southern California Section:* Councilor, 1995-12; Alternate Councilor 1993-94; Chair, 1994; Chair-Elect and Program Chair, 1993; Chemistry and Public Relations, Chair, 2002-04; National Chemistry Week, Committee Chair, 2001; Education Committee Chair, 1987; Long-Range Planning Committee Chair, 1995; Newsletter Editor, 1988-91. *Western Regional Meeting:* Chair, 1993; Publicity, 2011, 2003.

**Member:** American Association for the Advancement of Science; Sigma Xi; National Science Teachers Association; Society for College Science Teachers. *ACS Division:* Chemical Education.

**Related Activities:** IHE Collaborative of the LA Compact, Steering Committee, 2010-11; Western Association of Schools and Colleges, Senior Commission, 2004-10; AAAS Education Division (Section Q), Nominations and Elections, 2005-07; Advanced Placement Chemistry, Chief Reader and Test Development Committee Consultant, 2004-09; National Science Teachers Association, Board of Directors, 1991-93, 1997-99, College Division Director, 1997-99; Society for College Science Teachers, President, 1991-93; Los Angeles Math/Science Interchange, Board of Directors, 1996 to date; Principal Investigator NIH-MARC Grant, 1991-01; AAC&U SENCER Grant, 2004; Co-edited three books on higher education science teaching, 1997-04.

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ELECTION TO  
COMMITTEE ON NOMINATIONS AND ELECTIONS

Action Requested: The Council Policy Committee has selected the following slate of candidates for membership on the Committee on Nominations and Elections:

R. Gerald Bass	Robert L. Lichter
Cherlynlavaughn Bradley	Anne T. O'Brien
William H. (Jack) Breazeale, Jr.	Robert A. Pribush
Catherine C. Fenselau	Andrea B. Twiss-Brooks
Lydia E. M. Hines	Steven W. Yates

The Council must elect five individuals: The five candidates receiving the highest numbers of votes will be declared elected for the 2012-2014 term. All the candidates have indicated their willingness to serve if elected. Biographies of the candidates are presented in summary form at the end of this item.

Supplementary Information. Those members of the Committee on Nominations and Elections whose terms end on December 31, 2011, are as follows:

W.H. (Jack) Breazeale, Jr., South Carolina Section  
Catherine C. Fenselau, Analytical Chemistry (Chemical Society of Washington Section)  
Peter C. Jurs, Computers in Chemistry (Central Pennsylvania Section)  
Robert A. Pribush, Indiana Section  
Andrea B. Twiss-Brooks, Chemical Information (Chicago Section)

Peter C. Jurs is ineligible for reelection.

The present members of the Committee on Nominations and Elections who continue on that body are:

2010-2012

Dwight W. Chasar, Cleveland Section  
Milagros Delgado, South Florida Section  
Kevin J. Edgar, Cellulose and Renewable Materials (Northeast Tennessee Section)  
Sharon P. Shoemaker, Biochemical Technology (Sacramento Section)  
Ellen B. Stechel, Physical Chemistry (Central New Mexico Section)

2011-2013

Jeannette E. Brown, North Jersey Section  
Martha L. Casey, Wisconsin Section  
D. Richard Cobb, Rochester Section  
Lissa Dulany, Georgia Section  
Angela K. Wilson, Dallas-Fort Worth Section

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**BASS, R. GERALD** Virginia Section. (Retired) Virginia Commonwealth University, Richmond, Virginia.

**Academic Record:** Virginia Tech, B.S., 1954; University of Virginia, Ph.D., 1961; University of Virginia, Post Doctoral Research Fellow, 1962.



**Honors:** Distinguished Service Award, Virginia Section, ACS, 1979; Sigma Xi; Fellow, Virginia Academy of Science, 2000; Virginia Commonwealth University, Distinguished Service Award, 1992; NASA-ASEE Research Fellow, 1981: thirteen certificates for recognition from NASA for contributions to the aerospace program of NASA; Golden Key Honor Society.

**Professional Positions** (for past ten years): Virginia Academy of Science, Executive Officer, 2003-10; Retired, 1998, Virginia Commonwealth University, Professor Emeritus of Chemistry, Chair, 1995-98; Professor 1971-98.

**Service in ACS National Offices:** Council Policy Committee (Voting) 2005-09, (Nonvoting), 2002-04, 1997-99; Committee on Local Section Activities, 2010-11, Committee Associate, 2009; Committee on Committee on Membership Affairs, 2000-05, Chair, 2002-04; Board of Trustees, Group Insurance Plans for ACS Members, (ex officio), 2002-04; Committee on Meetings & Expositions, 1993-99, Chair, 1997-99, Committee Associate, 1991-93; CHEMISTRY Advisory Board, 2002-04; CPC-ConC Task Force on the Proposed Committee Expense Reimbursement Policy, 2008-09, Co-Chair, 2008-09; Committee on Meetings and Expositions, Joint Task Force on National Meeting Finances, 1998-99; Board Presidential Task Force on Division and Local Section Funding Petition, 2002-03; Board Task Force on Technical Programming, 1998.

**Service in ACS Offices:** Member ACS since 1958. *Virginia Section:* Councilor, 1991-11; Alternate Councilor, 1980-90; Chair, 1972; Chair-Elect and Program Chair, 1971; Vice-Chair, 1970; Secretary, 1969; Treasurer, 1968; Awards Committee Chair, 1984-88; Long Range Planning Committee Chair, 1983; Nominations Committee Chair, 1976-82; Publications Committee Chair, 1970. *Southeast Regional Meeting:* Fund Raising Co-chair, 2011; General Chair, 1991; Steering Committee Chair, 1992, 1969; Secretary, 1966; Organizing Committee and Registration Chair, 1969; Virginia Section Delegate to Steering Committee, Southeast Regional Meeting for thirteen years; 8<sup>th</sup> Biennial Conference on Chemical Education, Member Steering Committee and Chair for presented papers, 1984.

**Member:** Virginia Academy of Science, President 1985-86; Editor, Chemistry Section, *Virginia Journal of Science*, 1964-84; Society of Sigma Xi, Virginia Commonwealth University Chapter, President, 1984-85 and other offices; American Association of University Professors. *ACS Divisions:* Chemical Education; Organic Chemistry; Polymer Chemistry; Polymeric Materials: Science and Engineering; and Professional Relations.

**Related Activities:** Director, Virginia Commonwealth University, NSF Research Experience for Undergraduates program 1995; Founding Sponsor, Virginia Commonwealth University, ACS Student Affiliate Chapter, 1974; State Department of Education Committee to Evaluate Virginia High Schools; Judge, Virginia Junior Academy of Science and numerous high school science fairs; 50 publications and six patents in polymer and organic chemistry.

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**BRADLEY, CHERLYNLAUGHN Chicago Section.** (Retired) BP-Amoco, Naperville, Illinois.

**Academic Record:** Illinois Wesleyan University, B.A., 1973; Northwestern University, M.S., 1975; Ph.D., 1978.

**Honors:** Distinguished Service Award, Chicago Section ACS, 2002; Mortar Board Honor Society, 2010; Chicago Association of Technological Societies Award of Merit, 1996; ASTM Committee D-2 on Petroleum Products and Lubricants Certificate of Appreciation, 1994; Amoco Research Leadership Program, 1991; Robert M. Montgomery Outstanding Young Alumnus Award, Illinois Wesleyan University, 1985.

**Professional Positions** (for past 10 years): Retired, BP-Amoco 1999; Consultant, 1999 to date; Amoco Corporation, Analytical Services Division, Quality Assurance Manager, 1990-99; Senior Research Scientist, 1990-99; Analytical Liaison and Consultant, Refining Technology, 1992-08.

**Service in ACS National Office:** Committee on Committees, 2006-11; Committee on Project SEED, 1996-04, Committee Associate, 1994-95; Committee on Chemical Safety, 2001-05, Committee Associate, 1999-00.

**Service in ACS Offices:** Member ACS since 1974. *Chicago Section:* Councilor, 1993-13; Alternate Councilor, 1991-92; Chair, 1995-96; Chair-Elect, 1994-95; Vice-Chair, 1993-94; Treasurer, 1992-93; *Chemical Bulletin*, Newsletter Editor, 2001-11; Project SEED Committee Co-Chair, 1996-08, Chair, 1989-95; Nominations Committee, 2007, 2005, 2001, 1992, 1986, 1984; Director, 2010-11, 2006-08, 1999-01, 1996-97, 1989-92, 1984-88; Analytical Topical Group Program Chair, 1982-83; House Committee, 2001, 1992-93, Co-Chair, 1999-00; Long-range Planning Committee, 2000-11; Chemistry Day Committee, 2005-06, 1995; ACS Illinois Sections Cooperative State Fair Project Co-Chair, 2004-11.

**Member:** American Society for Testing and Materials; BP Volunteers Retirees Group-Naperville Chapter, Chair, 2002 to date. *ACS Divisions:* Analytical Chemistry; Chemical Health and Safety; Chemistry and the Law; Petroleum Chemistry; and Professional Relations.

**Related Activities:** Committee on Chemical Safety, Partnerships Subcommittee Chair, 2004-05; Committee on International Activities, ConC Liaison, 2006-08; Committee on Minority Affairs, ConC Liaison, 2006-09; Women Chemists Committee, ConC Liaison, 2009-11; Joint Subcommittee on Diversity, ConC representative, 2007-11; American Society for Testing and Materials: Study Group on Gas Chromatography-Oxygenates, Chair, 1990-98; Liaison to California Air Resources Board, 1996-97; Liaison to Environmental Protection Agency, 1994-97; Ethylene Study Group, Chair, 1993; 35 papers and publications.

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**BREAZEALE, WILLIAM (Jack) H. South Carolina Section.** (Retired) Francis Marion University, Mt. Pleasant, South Carolina.

**Academic Record:** University of South Carolina, B.S., 1961; Ph.D., 1966.

**Honors:** ACS Fellow, 2010; Distinguished Service Award, South Carolina Section, ACS, 1992; Sigma Xi; Phi Kappa Phi; Distinguished Professor, Francis Marion University, 1985; Board of Visitors, Medical University of South Carolina, 1975-76; PKP Award for Excellence in Teaching, 1967-68, Winthrop College.

**Professional Positions** (for past ten years): Retired, Francis Marion University, Professor and Department Chair, 1970-97; Adjunct Professor of Chemistry, College of Charleston, 1997 to date; Instructor, Laboratory Safety Institute, 1985 to date.

**Service in ACS National Office:** Committee on Nominations and Elections, 2009-11, Chair, 2011; Board of Trustees, Group Insurance Plans for ACS Members, 2007-12, 1999-04, Chair 2011; Committee on Committees, 2002-08; Committee on Community Activities, Consultant, 2004-05; Committee on Chemical Safety, 2007-08, 1990-98, Chair, 1995-97, Committee Associate, 1987-89, Consultant, 1990-98, 2009-11; National Chemistry Week Task Force, 1995-03, Chair, 2001-03; Committee on Constitution and Bylaws, Associate 1991-92; Committee on Economic Status, Committee Associate, 1984-86.

**Service in ACS Offices:** Member ACS since 1965. *South Carolina Section:* Councilor, 1984-13; Alternate Councilor, 1978-84; Chair, 1975-76; Chair-Elect, 1974-75; Nominations and Elections Committee, 1976-77; Membership Committee Chair, 1995; Professional Relations Committee Chair, 1995; High School Safety Committee, 1987. *Southeastern Regional Meeting:* Treasurer, 2002. *Division of Chemical Health and Safety:* Chair, 1993; Chair-Elect, 1992.

**Member:** *ACS Divisions:* Chemical Health and Safety.

**Related Activities:** Member, ACS Speaker Service; Board of Directors, Laboratory Safety Institute, 1998 to date; Francis Marion University, Associate Provost, 1993-94, Coordinator of Arts and Sciences, 1992-93; Associate Dean, 1973-75; Winthrop College, Assistant Professor, 1965-70.

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**FENSELAU, CATHERINE C. Analytical Chemistry** (Chemical Society of Washington Section.)  
University of Maryland, College Park, Maryland.

**Academic Record:** Bryn Mawr College, A.B.1961; Stanford University, Ph.D.,1965; Post-doctoral Fellow University of California-Berkeley, 1965-66; Postgraduate Research Chemist NASA-Berkeley, 1966-67.

**Honors:** ACS Fellow, 2009; Field and Franklin Award for Contributions in Mass Spectrometry, ACS, 2008; Hillebrand Prize, Chemical Society of Washington, ACS, 2005; Garvan Medal, ACS, 1985; Maryland Chemist Award, Maryland Section, ACS, 1989; Ralph Adams Award for Bioanalytical Chemistry, Pittsburgh Analytical Conference, 2010; Thomson Medal, International Mass Spectrometry Foundation, 2009; AnaChem Award, FACSS Conference, 2003; Fellow, American Association for the Advancement of Science, 2001; Eastern Analytical Symposium Award for Achievement in Analytical Chemistry 1999; University of Maryland-Baltimore, Robert & Jane Meyerhoff Faculty Chair, 1997; Medal, Spectroscopy Society of Pittsburgh (PittCon) 1993; NIH Merit Award 1991; NIH Research Career Development Award 1970; American Association of University Women Fellowship, 1965.

**Professional Positions:** (for past ten years): University of Maryland, Professor of Chemistry & Biochemistry, 1998 to date, Chair 1998-00.

**Service in ACS National Offices:** Committee on Nominations and Elections, 2009-11; Associate Editor, *Analytical Chemistry* 1990 to date; Editorial Advisory Board, *Journal Proteome Research* 2001 to date; Advisory Board *Chemical Research in Toxicology*, 1992-94; Advisory Board, *Chemical & Engineering News*, 1983-85; Task Force on Graduate Education 1999.

**Service in ACS Offices:** ACS Member since 1962. *Division of Analytical Chemistry:* Councilor, 2005-13, Chair, 2001-02. *Chemical Society of Washington:* Board of Managers, 2008-10. *Maryland Section:* Steering Committee, 1995-98.

**Member:** International Human Proteome Organization, Vice President 2006-09; U.S. Human Proteome Organization, President, 2004-06; American Association for the Advancement of Science, Fellow; American Society for Mass Spectrometry, President, 1982-84; Federation of American Societies for Experimental Biology.

**Related Activities:** National Research Council Board on Chemical Sciences and Technology 2000-05; Council NIH Institute for Research Resources 2003-07; Maryland Science Center Board of Trustees, 1998-10; Oak Ridge National Laboratory Visiting Committee for Chemistry, 1995-97; Science Advisor, FDA Baltimore, Field Laboratory 1982-87; NRC Advisory Panel to the National Bureau of Standards Analytical Chemistry Division 1978-81; Johns Hopkins Medical School, Instructor to Professor, 1967-87; University of Maryland Baltimore County, Professor and chair 1988-1998; Visiting Professor Kansai University (Japan) 1986; visiting Professor University of Warwick 1980; trained >100 graduate students and post-doctoral fellows and 40 undergraduate researchers; published >350 journal articles and chapters.

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**HINES, LYDIA E. M., Kalamazoo Section. Western Michigan University (Part-time), Kalamazoo, Michigan.**

**Academic Record:** Aurora College, B.S., 1967; University of Illinois, M.S., 1969; Ph.D., 1971.

**Honors:** Distinguished Service Award, Kalamazoo Section, ACS, 1990; Sigma Xi; Phi Kappa Phi; Distinguished Service Award from Kalamazoo Chamber of Commerce Business-Education Connection for Science in Schools, 1998-2000; Nominee for STAR (Volunteer) Award, Kalamazoo, 1992; Accolade in *Kalamazoo Gazette* for Science Teaching (Free Lance), 1991; National Science Foundation Fellow, 1969-71; "Outstanding Young Women of America", 1973.

**Professional Positions** (for past ten years): Western Michigan University, Chemistry Faculty (part-time), 2006-11; Kalamazoo Valley Community College, Chemistry Faculty, (part-time) 2004-08.

**Service in ACS National Offices:** Committee on Constitution and Bylaws, 2004-11; Committee on Community Activities, 2005-11; Committee on Committees, 1999-04; Committee on Nominations and Elections, 1993-98, Secretary, 1995; Committee on Copyrights, 1985-93, Chair, 1990-92; Women Chemists Committee, 1982-87, Committee Associate, 1981; Canvassing Committee, Garvan Medal, 1982-87; Editor, *Women Chemists*, 1984-87.

**Service in ACS Offices:** Member ACS since 1967. *Kalamazoo Section:* Councilor, 1984-2011; Alternate Councilor 1978-83; Chair, 1981; Chair-Elect and Program Chair, 1980; Publicity Committee Chair, 1986-11; National Chemistry Day/Week Coordinator, 1987-2011; Museum Chemistry Day Organizer, 1987-2011; Chemists Celebrate Earth Day Coordinator, 2004-11; Pre-high school Science Education Coordinator, 1988-01; Awards Committee, 1991-11, Chair, 2008-11, 1992; Chemistry Promotion Committee Chair, 1991-01. *Great Lakes Regional Meeting:* General Chair, 1984; Steering Committee, 1984-11. *Indiana-Kentucky Border Section:* Publicity Committee Chair, 1974-75.

**Member:** American Association for the Advancement of Science; Metric Association. *ACS Division:* Chemical Information.

**Related Activities:** Southwest Michigan Math/Science Alliance, Charter Member and Coordinating Committee, 1990-92; Speaker and Workshop Leader at Teachers' and Children's Librarians' Conferences, 1990-92; Reviewer, WONDER SCIENCE, ACS, 1989-98; Active Volunteer Presenter of Hands-On Science Lessons (Preschool Through 6th Grade), 1986-01.

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**LICHTER, ROBERT L. Northeastern Section,** Merrimack Consultants, LLC, Great Barrington, Massachusetts.

**Academic Record:** Harvard University, A.B. *cum laude*, 1962; University of Wisconsin, Ph.D., 1967.

**Honors:** ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences, 2010; ACS Fellow, 2009; Fellow, Association for Women in Science, 2004; Fellow, American Association for the Advancement of Science, 1995; Sigma Xi; American Council on Education Leadership Training Fellowship, 1983; National Science Foundation Science Faculty Professional Development Award, 1981; National Research Council Travel Awards, 1975, 1977; Technische Hochschule Braunschweig, Germany, National Institutes of Health Postdoctoral Fellowship, 1967-68; National Institutes of Health Predoctoral Fellowships, 1962-66.

**Professional Positions** (for past ten years): Principal and Co-founder, Merrimack Consultants, LLC, 2002 to date; Executive Director, The Camille and Henry Dreyfus Foundation, Inc., 1989-02.

**Service in ACS National Offices:** Committee on Minority Affairs, 1999-06, Committee Associate, 1997-98, Committee on Budget and Finance, 2006-11, Vice Chair, 2011, 2009, Committee Associate, 2005, Advisory Committee, 2008-10, 2006; Committee on Science, 1997-02, Committee Associate, 1996, Consultant, 2003; Program Review Advisory Group, 2008-11; Advisory Board, *Chemical & Engineering News*, 1998-06; Chair, Board ad hoc Implementation Project on Minorities in Academia, 2003-06; ACS Graduate Education Advisory Board, 2002-06; ACS Development Advisory Board, 2008-11; Canvassing Committee, ACS Award for Research in an Undergraduate Institution, 1997-99, Chair, 1999; Percy Julian Task Force, 2006-09.

**Service in ACS Offices:** Member ACS since 1962. *Northeastern Section:* Councilor, 2008-13. *Georgia Section:* Chair, 2005, Chair-Elect, 2004. *North Jersey Section:* Analytical NMR Topical Group, Chair, 1982-83.

**Member:** American Association for the Advancement of Science. *ACS Divisions:* Chemical Education and Organic Chemistry.

**Related Activities:** American Association for the Advancement of Science, Section on Chemistry, Secretary, 2004-08, Retiring Chair, 2002-03, Chair, 2001-02, Chair-Elect, 2000-01, Secretary, 2004-09; Sigma Xi, Public Understanding of Science Committee, 2004-05; New York Academy of Sciences, Committee on Science Education, 1991-95, Chair, 1994-95, Vice Chair, 1993-94; National Conferences on Undergraduate Research, Board of Governors, 1992-98, Chair, 1994-96; Gordon Research Conference on Innovations in College Chemistry Teaching, Chair, January 2001, Vice Chair, June 1999; National Research Council Chemical Sciences Roundtable, 1996-2000, Steering Committee, 1996-99; Board of Trustees Advisory Council, New York Hall of Science, 1994-96, 1998-02; member or chair of >15 external advisory or visiting committees on behalf of academic institutions, the National Science Foundation (NSF), and other organizations; member of >20 review panels for NSF, National Institutes of Health, National Research Council; member, NSF Committee on Equal Opportunities in Science and Engineering, 2003-06, Chair, 2005, Vice-Chair, 2004; member, NSF Advisory Committee on GPRA Performance Assessment, 2006-08; member, NSF Advisory Committee on Environmental Research and Education, 2003-06; *Concepts in Magnetic Resonance*, Editor, 1989-94; *Magnetic Resonance in Chemistry*, editorial board, 1983-87; NSF Senior Scientist Consultant, 2009; Chair, Board of Governors, Massachusetts Academy of Sciences, 2009; State University of New York at Stony Brook, Vice Provost for Research and Graduate Studies, 1986-89; Research Corporation, Program Officer, 1983-86; Sandoz Pharmaceutical, Exxon Research and Engineering Co., Visiting Scientist, 1981-82; Experimental NMR Conferences, Inc., Executive Committee, 1979-85, Treasurer, 1981-85; Hunter College of the City University of New York, Chemistry Department, Assistant Professor,

Associate Professor, Professor, 1970-83, Department Chair, 1977-82; California Institute of Technology, Research Associate, 1968-70; Research publications: 38 research articles, three monographs, one book chapter; Other publications: many articles and book chapters on education and policy.

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**O'BRIEN, ANNE T. New York Section.** (Wyeth, Retired) Consultant, Tarrytown, New York.

**Academic Record:** Marymount College, B.S., 1957; Fordham University, Ph.D., 1964.

**Honors:** Outstanding Service Award, New York Section, ACS, 1994; Outstanding Scientist, Westchester County, 2001; Wyeth-Ayerst Teamwork Award, 2000; Oregon State University Fellow, 1975-76; University of California, San Francisco Fellow, 1971-72; University of California, Berkeley Fellow, 1968; North Dakota State University Fellow, 1967; University of Oklahoma Fellow, 1966; University of Vermont, Fellow 1966; Sigma Xi; Iota Sigma Pi.

**Professional Positions** (for past ten years): Information Consultant, July 2002 to date; Retired, Wyeth (formerly American Cyanamid, AHP), Manager, Library Services, 1992-02.

**Service in ACS National Offices:** Board of Directors, District I, 2001-09; Councilor, ex officio, 2001-09; Governing Board, Green Chemistry Institute, Member 2007-09, Advisor 2010-11; Board Executive Committee, 2005-06; Board Committee on Professional and Member Relations, 2003-05, Chair, 2003-05; Board Committee on Public Affairs and Public Relations, 2004-08, 2001-02; Board Committee on Grants and Awards, 2006-09, 2001-03; Budget & Finance, 2003-11; Board Committee on Planning, 2005-06, 1997-99; Council Policy Committee 1994-2000, Vice-Chair, 1997-2000; Committee on Chemical Abstracts 2004-05, Consultant 2006-10; Awards Review Committee 2010-11; Electronic Dissemination of Meeting Content, 2008-10; Web Strategy Initiative 2007-11; Program Review Advisory Group, 2006-09; Committee on Economic Status, 1988-93, Chair, 1991-93; Committee on Professional Relations, 1990-93; Professional Programs Planning and Coordinating Committee (PROPPACC), 1991-93; Committee on Constitution and Bylaws, Committee Associate, 1986-87; Board Task Force on Program Review, 2005-06; Board Task Force on Percy Julian, 2004-07, Chair 2004-07; Board Hurricane Katrina Task Force, 2005; Board Task Force on Board Goals, 2005-08; Board Task Force on Campaign Conduct, 2002-04; Board Task Force on Meeting Finances, 2002-04; Board Task Force on Employment Problems of Chemists, 1995; Council Policy Committee Task Force on Councilor Travel Reimbursement, 1994-96; Committee on Economic and Professional Affairs, Task Force on Federal Policy Agenda, 1994-96; ad hoc Board Task Force on Strategic Expense Management System, 2002-05.

**Service in ACS Offices:** Member ACS since 1961. *New York Section:* Councilor, 2010 -12, 1985-2001; Alternate Councilor, 1984; Chair, 1986; Chair-Elect and Program Chair, 1985; Program Review Committee Chair, 1994-11; Long Range Planning Committee, 1986-11, Chair, 1986, 2010-11; Information Technology Committee, 2000-11, Chair 2008-11; History Committee, 2000-11; Nichols Medal Jury, 1986-91; Public Relations Committee Co-Chair, 1990; Program Review Chair, 1987 to date; Finance Committee Chair, 1986-87; Nominating Committee Chair, 1987, 1985; Metrochem Committee, 1987; Fundraising Committee, 1987; Education Committee, 1980-84. *Westchester Subsection:* Secretary, 1968-70.

**Member:** American Association for the Advancement of Science; American Association of University Professors. *ACS Divisions:* Chemical Information; Medicinal Chemistry, Professional Relations, Business Development and Management, and Small Chemical Businesses.

**Related Activities:** Chemical Heritage Foundation Heritage Council (ACS Appointee), 2010-11; Wyeth (formerly American Cyanamid), Medical Research Division, Group Leader, 1986-92; Principal Research Chemist, 1987-92; Senior Research Chemist, 1976-86; University of Waterloo, Associate Professor, 1973-76; Marymount College, Associate Professor, 1962-72.

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**PRIBUSH, ROBERT A. Indiana Section.** Butler University, Indianapolis, Indiana.

**Academic Record:** University of Delaware, B.S., 1968; University of Massachusetts, Ph.D., 1972.

**Honors:** Phi Kappa Phi, Chapter President, 1989-98; Lilly Foundation Open Faculty Fellow, 1992; Holcomb Research Institute Fellow, 1983.

**Professional Positions** (for past ten years): Butler University, Professor, 1986 to date; Department Head, 1999-01.

**Service in ACS National Offices:** Committee on Nominations and Elections, 2009-11; Council Policy Committee, 2005; Committee on Publications, 2008-11, Committee Associate, 2006-07; Committee on Membership Affairs, 2004-05, 1993-96, Committee Associate, 2003, 1992; Committee on Economic and Professional Affairs, 1997-02; Board of Trustees, Group Insurance Plans for ACS Members, ex-officio, 1993-96; Younger Chemists Committee, 1976-81; Chair, 1978-80; Professional Programs Planning and Coordinating Committee (PROPPACC), 1978-80; Program Review Advisory Group, 2006; Advisory Board, Office of Cooperative Education, 1978-86; SCIQUEST Task Force, 1980-82.

**Service in ACS Offices:** Member ACS since 1969. *Indiana Section:* Councilor 1991-13; Alternate Councilor, 1982-90; Chair, 1980; Chair-Elect, 1979; Education Committee, 1986-92, 1982, 1975-79, 2009 to date, Chair, 1986-92, 1979, 2009 to date; Program Committee Chair, 1982, 1977; Executive Committee, 1976 to date. *Central Regional Meeting:* Symposium Chair, 2011. *Central Regional Meeting:* Program Chair, 2004. *Joint Central-Great Lakes Regional Meeting:* Symposium Chair, 1991. *Division of Chemical Education:* Examinations Institute, General Chemistry Laboratory Assessment Exam, 2009 to date; Diagnostic Test of Undergraduate Chemical Knowledge Exam Committee, Chair, 2006; Inorganic Chemistry Exam Committee, 2000; Chair, 2000-02; General Chemistry Exam Committee, 1991-96; Chair, 1994-96; *ChemEd* 83 Advisory Board, Chair 1981-83.

**Member:** Indiana Science Olympiad Board of Directors, 1993 to date, Treasurer, 1999 to date; National Science Teachers Association; Indiana Academy of Science; American Institute for Conservation of Historic and Artistic Works; Indiana Alliance of Chemistry Teachers. *ACS Division:* Chemical Education.

**Related Activities:** Holcomb Research Institute Biotic Resources, Program Associate, 1985-90; University of Southern California, Postdoctoral Fellow, 1972-74; Wolf Technical Services, Technical Consultant/Expert Witness, 1977 to date; Butler University, Acting Associate Dean of Liberal Arts and Sciences, 1990-92; Associate Professor, 1979-86; Assistant Professor, 1974-79; textbook and textbook supplement consulting editor and author.

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**TWISS-BROOKS, ANDREA B. Chicago Section.** University of Chicago, Chicago, Illinois.

**Academic Record:** Texas Christian University, B.S., 1982; Cornell University, M.S., 1985; University of North Texas, M.S., Library Science, 1990.

**Honors:** ACS Division of Chemical Information Meritorious Service Award, 2007.

**Professional Positions** (for past ten years): University of Chicago, Science Libraries Division, Co-Director, 2006 to date; John Crerar Library, Chemistry Librarian, 1993-06.

**Service in ACS National Offices:** Committee on Nominations and Elections, 2009-11; Committee on Chemical Abstracts Service 2003-08, Chair, 2004-06, Committee Associate, 2002; Community Activities, 2007-09, Committee Associate, 2006; Taskforce on Third Party Web Collaborations, ACS Governing Board for Publishing, 2005-06.

**Service in ACS Offices:** Member ACS since 1996. *Chemical Information Division:* Councilor, 2006-11; Chair, 2001; Program Committee, 2006-08; Awards Committee, 2007-11, Assistant Chair, 2011; Bylaws and Procedures Manual Committee, Chair, 2003-06. *Committee on Community Activities:* Evaluation and Technology Subcommittee, Co-Chair, 2007-08.

**Member:** Geoscience Information Society. *ACS Divisions:* Chemical Education and Chemical Information.

**Related Activities:** Geoscience Information Society, Secretary, 2007-08; Royal Society of Chemistry Publishing Library Advisory Board, 2010-11; American Library Association's *Resources for College Libraries*, Geology section co-editor, 2006 to date; National Federation of Abstracting and Information Services (NFAIS), Conference Planning Committee, 2006-07; GDCh (German Chemical Society) Computers in Chemistry group/ACS Division of Chemical Information collaboration steering committee, 2005 to date; editorial committee XCITR instructional materials repository, 2010 to date; Chemical Information Instructor feature editor, *Journal of Chemical Education*, 2002-10; Academic Library Advisory Committee, Chemical Abstracts Service, 2002-10; Symposium organizer at ACS National Meetings, 1999 to date; Library Advisory Group, ACS Publications Division, 1998-10; Cornell University, Editorial Associate, *Accounts of Chemical Research*, 1986-88; Cornell University, Wiley/NBS Spectral Database, Database Project Manager, 1985-86.

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**YATES, STEVEN W. Division of Nuclear Chemistry and Technology** (Lexington Section).  
University of Kentucky, Lexington, Kentucky.

**Academic Record:** University of Missouri, B.S., 1968; Purdue University, Ph.D., 1973.

**Honors:** ACS Fellow, 2009; ACS Glenn T. Seaborg Award for Nuclear Chemistry, 2006; International Union of Pure and Applied Chemistry, Fellow, 2002; ACS Student Affiliates Teacher of the Year Award, University of Kentucky 1982-83; William B. Sturgill Award for Outstanding Contributions to Graduate Education, University of Kentucky, 1994; Distinguished Professor of the College of Arts & Sciences, University of Kentucky, 1993-94; Chancellor's Award for Outstanding Teaching, University of Kentucky, 1992; University of Kentucky Research Foundation Award, 1981; Procter and Gamble Fellow, 1972-73; Sigma Xi; Phi Lambda Upsilon; Phi Kappa Phi; Pi Mu Epsilon

**Professional Positions** (for past ten years): University of Kentucky, Professor of Chemistry, 1975 to date; Chair, Department of Chemistry, 2005-09; Professor of Physics and Astronomy, 2004 to date; Arts and Sciences Distinguished Professor, 2008 to date; Visiting Scientist, TRIUMF, University of British Columbia, 2009-10.



**Service in ACS National Office:** Committee on Divisional Activities, 2009-10; Committee on Science, 1999-07; Committee on Meetings & Expositions, 1997-02, Committee Associate, 2011, 1996; Canvassing Committee, Nuclear Chemistry Award, 2000-03; Governance Review Action Team B, 2007.

**Service in ACS Offices:** Member ACS since 1971. *Division of Nuclear Chemistry and Technology:* Councilor, 2008-13, 1995-03; Chair and Program Chair, 1992; Executive Committee, Member-at-Large, 2004-06; Publications Committee, 1993-98, Chair, 1993-98; Nominations Committee, 1993-96, Chair, 1993; Nuclear Science Advisory Committee Liaison, 1990-93; Nuclear Chemistry Summer School Selection Committee, 1994-97, Chair, 1997; Undergraduate Awards Committee, 1981-87, Chair, 1983-87; Education Committee, 1981-89. *Lexington Section:* Alternate Councilor, 2005-07; Councilor, 1987-89; Chair, 1985-86; Program Chair, 1984; Executive Committee, 1983-89, Chair, 1985.

**Member:** American Association for the Advancement of Science; American Physical Society; Kentucky Academy of Science; Alpha Chi Sigma. *ACS Divisions:* Chemical Education and Nuclear Chemistry and Technology.

**Related Activities:** LBNL Neutron Beam Line, Project Review Committee, 2005; IUPAC U.S. National Nominating Committee, 2001; *Handbook on Nuclear and Radiochemistry*, International Advisory Board, 2000-11; Los Alamos Neutron Science Center, Program Advisory Committee, 2001-03; National Academy of Sciences (NAS)-National Research Council (NRC), Board on Chemical Sciences and Technology, 1999-02; IUPAC Commission on Radiochemistry and Nuclear Techniques, 1998-01; LANL GEANIE Detector Council, 1997-2000, LBNL 88-Inch Cyclotron Program Advisory Committee, 1994-98; *Journal of Radioanalytical and Nuclear Chemistry*, Editorial Advisory Board, 1993-04, Reviews Editor, 1993-02, Editor of 5 special issues; NRC-Institute of Medicine, Committee on Biomedical Isotopes, 1993-95; BNL High-Flux Beam Reactor Program Advisory Committee, 1992-98; International Atomic Energy Agency Advisory Group, Thailand, 1991; NAS-NRC, Committee on Nuclear and Radiochemistry, 1990-93; DOE-NSF, Nuclear Science Advisory Committee, 1990-93; over 200 published journal articles.

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## REQUEST FOR SUGGESTIONS FOR 2013 ELECTED COMMITTEES

### A Reminder

At the Council meeting in Denver, Colorado, Councilors will elect members to the Committee on Committees, Council Policy Committee, and Committee on Nominations and Elections to fill 2012-2014 terms. The process to select nominees for 2013-2015 terms will begin almost immediately. The Committee on Nominations and Elections therefore asks each Councilor to examine the following list of elected committee positions with terms ending on December 31, 2012, and the list of the other members of these committees. Names of individuals suggested for nomination should be inserted on the form on pages **42-43**. This form may be left on the registration table as you leave the Council meeting or emailed to the Chair of the Committee: Dr. William H. (Jack) Breazeale, Jr., breazealew@gmail.com.

### COMMITTEE ON COMMITTEES

Members of the Committee on Committees (ConC) whose terms end on December 31, 2012, are:

Bryan Balazs, California Section  
Dawn A. Brooks, Indiana Section  
Les W. McQuire, North Jersey Section  
Ingrid Montes, Puerto Rico Section  
Frankie K. Wood-Black, Chemical Health & Safety (North Central Oklahoma Section)

Les W. McQuire is ineligible for reelection.

The other elected members serving on the Committee on Committees are:

#### Term ending December 31, 2013

Janet Bryant, Business Development & Management (Richland Section)  
H.N. Cheng, Polymer Chemistry (Louisiana)  
Amber S. Hinkle, Greater Houston Section  
V. Michael Mautino, Pittsburgh Section  
Yorke E. Rhodes, New York Section

#### Term ending December 31, 2011

Cherlynlavaughn Bradley, Chicago Section  
Rigoberto Hernandez, Georgia Section  
James M. Landis, Jr., Detroit Section  
Howard M. Peters, Santa Clara Section  
Sara J. Risch, Agricultural & Food Chemistry (Michigan State University Section)

ConC nominees for 2012-2014 terms are listed in the agenda for the Council meeting in Denver, Colorado under "Election to Committee on Committees." Names of those elected will be announced at that meeting. Cherlynlavaughn Bradley is ineligible for reelection.

### **COUNCIL POLICY COMMITTEE**

Members of the Council Policy Committee whose terms end on December 31, 2012, are as follows:

M. Elizabeth Derrick, Southwest Georgia Section  
Thomas R. Gilbert, Northeastern Section  
Willem R. Leenstra, Green Mountain Section  
Carolyn Ribes, Brazosport Section

M. Elizabeth Derrick and Thomas R. Gilbert are ineligible for reelection.

The other elected members serving on the Council Policy Committee are as follows:

#### **Term ending December 31, 2013**

John E. Adams, Physical Chemistry (University of Missouri Section)  
Alan M. Ehrlich, Chemistry & The Law (Chemical Society of Washington Section)  
Mary Virginia Orna, History of Chemistry (New York Section)  
Dorothy Phillips, Northeastern Section

#### **Term ending December 31, 2011**

Ray A. Dickie, Polymeric Materials: Science & Engineering (North Carolina Section)  
Helen (Bonnie) A. Lawlor, Chemical Information (Philadelphia Section)  
Mamie W. Moy, Greater Houston Section  
Eleanor D. Siebert, Southern California Section

CPC nominees for the 2012-2014 term are listed in the agenda for the Council meeting in Denver, Colorado under "Election to Council Policy Committee." Names of those elected will be announced at that meeting. Ray A. Dickie and Helen (Bonnie) A. Lawlor are ineligible for reelection.

### **COMMITTEE ON NOMINATIONS AND ELECTIONS**

The duties of the Council Policy Committee include "Nominating voting Councilors for membership on the Committee on Nominations and Elections..." Therefore, suggestions for candidates to serve on N&E will be forwarded to the CPC Subcommittee on Nominations for consideration.

Those members of the Committee on Nominations and Elections whose terms end on December 31, 2012, are as follows:

Dwight W. Chasar, Cleveland Section  
Milagros Delgado, South Florida Section  
Kevin J. Edgar, Cellulose and Renewable Materials (Northeast Tennessee Section)  
Sharon P. Shoemaker, Biochemical Technology (Sacramento Section)  
Ellen B. Stechel, Physical Chemistry (Central New Mexico Section)

Sharon P. Shoemaker and Ellen B. Stechel are ineligible for reelection.

The other elected members serving on the Committee on Nominations and Elections are:

Term ending December 31, 2013

Jeannette E. Brown, North Jersey Section  
Martha L. Casey, Wisconsin Section  
D. Richard Cobb, Rochester Section  
Lissa Dulany, Georgia Section  
Angela K. Wilson, Dallas-Fort Worth Section

Term ending December 31, 2011

W.H. (Jack) Breazeale, Jr., South Carolina Section  
Catherine C. Fenselau, Analytical Chemistry (Chemical Society of Washington Section)  
Peter C. Jurs, Computers in Chemistry (Central Pennsylvania Section)  
Robert A. Pribush, Indiana Section  
Andrea B. Twiss-Brooks, Chemical Information (Chicago Section)

Nominees for N&E for 2012-2014 terms are listed in the Council agenda for the Council meeting in Denver, Colorado, under "Election to Committee on Nominations and Elections." Names of those elected will be announced at that meeting. Peter C. Jurs is ineligible for reelection.

Dr. William H. (Jack) Breazeale, Jr.,  
breazealew@gmail.com

Dear Dr. Breazeale:

I propose the following Councilors for consideration by the Committee on Nominations and Elections and the Council Policy Committee:

(Please Print)

COMMITTEE ON COMMITTEES (Councilors only)

Name\_\_\_\_\_ Name\_\_\_\_\_

Address\_\_\_\_\_ Address\_\_\_\_\_

Affiliation\_\_\_\_\_ Affiliation\_\_\_\_\_

Name\_\_\_\_\_ Name\_\_\_\_\_

Address\_\_\_\_\_ Address\_\_\_\_\_

Affiliation\_\_\_\_\_ Affiliation\_\_\_\_\_

COUNCIL POLICY COMMITTEE (Councilors only)

Name\_\_\_\_\_ Name\_\_\_\_\_

Address\_\_\_\_\_ Address\_\_\_\_\_

Affiliation\_\_\_\_\_ Affiliation\_\_\_\_\_

Name\_\_\_\_\_ Name\_\_\_\_\_

Address\_\_\_\_\_ Address\_\_\_\_\_

Affiliation\_\_\_\_\_ Affiliation\_\_\_\_\_

COMMITTEE ON NOMINATIONS AND ELECTIONS (Councilors only)

Name\_\_\_\_\_ Name\_\_\_\_\_

Address\_\_\_\_\_ Address\_\_\_\_\_

Affiliation\_\_\_\_\_ Affiliation\_\_\_\_\_

Name\_\_\_\_\_ Name \_\_\_\_\_

Address\_\_\_\_\_ Address\_\_\_\_\_

Affiliation\_\_\_\_\_ Affiliation\_\_\_\_\_

Sincerely,

\_\_\_\_\_  
(name)

\_\_\_\_\_  
(address)

\_\_\_\_\_  
(local section or division)

(This form must be received by Dr. Breazeale no later than October 31, 2011.)

## BALLOT COUNTS, PREVIOUS ELECTIONS

The Committee on Nominations and Elections regularly reports in the Council agenda the numerical results of balloting from elections at the previous meeting. The following tabulations give the numerical results of the balloting at the March 30, 2011, meeting of the Council for selection of candidates for 2012 President-Elect. Also reported are the results of mail ballots (March 7, 2011) for the selection of candidates for Director from District III and for Director from District VI for 2012-2014 terms. Nominees selected as the candidates are identified by an asterisk.

### 2012 PRESIDENT-ELECT

Judith L. Benham	102
*Dennis Chamot	303
Diane Grob Schmidt	154
*Marinda Li Wu	212

### DIRECTOR, DISTRICT III

Susan B. Butts	19
*Pat N. Confalone	31
*David J. Lohse	25
Judith A. Summers-Gates	11

### DIRECTOR, DISTRICT VI

G. Brian Balazs	22
*Bonnie A. Charpentier	40
*Carlos A. Gutierrez	23
Victor J. Hruby	6

\* Individuals nominated

## REPORT OF THE PRESIDENT

My fellow Councilors,

What will the future of chemistry look like? Predicting the future is a risky enterprise but I have garnered some brief glimpses from my ACS activities.

In the U.S., times are really tough for chemists – especially young chemists. I have met and seen the work of some amazing ACS members who are dedicated to the unemployed of our community. One amazing example, Bill Suits, who is an ACS Career Counselor, spends countless hours at chemistry meetings, dinners, and conferences, counseling the unemployed, making connections between chemists looking for jobs and employers looking for chemists, and changing people's lives by opening doors to opportunities. I saw him in action at the Tri-State Chinese American Chemical Society in New Jersey one hot summer Saturday morning. Many people told me that Bill was the one who found them a job. If you have ever been unemployed and know the despair of fruitlessly searching for a job, you know how transforming Bill's service is.

In the U.S., the profession of chemistry seems to be at a tipping point. This could be hard times, a significant recession for chemists, or it could be the beginning of a long downward trend. But as we struggle with the unknown, ACS leadership can provide the kind of support and community to propel our colleagues, both young and old, to professional success. Whether it is through our local sections, our career counselors or divisions, we need to provide training and support to our young and unemployed colleagues. The key to success in this recession is networking – and there is no better place for chemical professionals to network than the ACS. Stay tuned to hear more coming from the Board of Directors and other ACS leaders regarding how our community can provide support to all who need it.

And in the rest of the world...

- Over 50 % of the approximately 4000 chemists attending the Brazilian Chemical Society meeting were women.
- The Philippines is brimming with young chemists (at least half women)! In the spirit of social responsibility, a group of students at the University of the Philippines started – without waiting for university administration – their own waste management program for their department's chemicals.
- My Egyptian chemistry friends are planning for a growing future and still plan to celebrate IYC in an October chemistry conference.
- Palestinian chemists from Gaza have studied their water issues and have a good understanding of the challenges they face regarding clean water.
- Canadian chemists are facing changes in the way their government funds research and are continuing to do amazing things.
- Some Chinese-American chemists are returning to China to experience the very exciting renaissance of the pharmaceutical industry.

Clearly, times are changing, sometimes in tumultuous ways. Maintaining our network with colleagues as involvement in ACS provides, is our best way of being prepared for the future, no matter what it brings.

Nancy B. Jackson



## REPORT OF THE PRESIDENT-ELECT

My fellow Councilors,

I am looking forward with great anticipation to serving as your president in 2012. In preparation, I continue to consult with ACS members, leaders, and staff about matters related to ACS. Members have communicated spontaneously with me regarding programs, policy issues, governance, and other concerns. In all of these exchanges I have been impressed by everyone's dedication and commitment to maintain ACS as the world's preeminent scientific organization. I am grateful for the suggestions and advice given to me candidly and pointedly, and I am always ready to hear from you.

For 2012 I have selected the theme: *Advancing Chemistry and Communicating Chemistry*. It is through research, education, and innovation that we contribute to advancing the chemical sciences. Basic research can greatly increase our understanding of nature, expand frontiers of inquiry, trigger creative waves of invention and innovation, and prompt technological breakthroughs--all to serve society. ACS shall remain a strong voice for sustained funding for research, for quality education at all levels, and for promoting creativity and entrepreneurship in the chemical sciences. ACS shall continue responsible stewardship of its resources in support of its members and of the chemical enterprise.

Communicating chemistry to fellow scientists and to the world is one of our core functions. The quality and prestige of our publications, including 39 journals, are second to none. The effectiveness of our electronic research tools and databases, the services of Chemical Abstracts Service such as SciFinder, establish the standard for all others. I am committed to advancing all of our information services to broaden the ability of our members to address society's greatest human challenges.

Communicating the values and role of the chemical sciences to non-specialists is another of our important responsibilities. To me, the goals of communications are to inform, educate, engage, advocate, and persuade. We have experienced various degrees of success with different target audiences, and we must continue to work hard to achieve our goals with each audience. We must reach out to the general public and show that the chemical sciences are key to eradicating disease and reducing poverty, and that our research and our technology can provide clean water and nutritious food, meet energy demands and reduce pollution, and lead the way to sustainable development everywhere.

The year 2012 is the Sesquicentennial of the Morrill Land Grant Act. Both public and private institutions have been greatly affected by this Act and have, in turn, contributed to transforming our society. My program initiatives at the San Diego and Philadelphia meetings include celebrating this anniversary by publicly *affirming* the ACS mission and *showcasing* ACS and chemistry's contributions to society. One goal is retrospective, by examining the accomplishments of chemistry and contributions of chemists to our country. The more important goal is prospective, by articulating the critical role of ACS as a scientific and educational Society engaged in shaping the future of society as a whole. By affirming our mission we renew and buttress our commitments to our core values as a scientific and educational Society. This affirmation will greatly enhance our strategic planning for domestic, international, and global programs and activities. In everything we do, we must have clarity of purpose and must determine whether a particular effort expresses an appropriate role for ACS. By engaging the divisions and sections as well as governance in this process, we can improve our local section activities and divisional programs and enhance the quality of all of our work.

Other initiatives for 2012 will build on currently successful ACS efforts and include addressing the quality of education at all levels, influencing science and education policies at the federal and local levels, and engaging high-level elected officials and top private-sector leaders in matters related to the chemical sciences and the economy. Plans for these initiatives will be announced shortly after the Denver meeting.

ACS members have called my attention to some Society governance matters related to functions and functionality of committees. I am in the process of carefully reviewing these issues and welcome input from members of the Council and from division and section officers. I shall provide you with a report at a future meeting.

Along with President Nancy Jackson, I have invited former ACS presidents to join an informal group called the Presidents Circle. A main reason for establishing the Presidents Circle is to provide a mechanism for tapping the wisdom of former and current elected leaders of ACS in addressing major issues facing ACS, including its vision, mission, core values, and strategic goals. Another main reason is to solicit their advice and help in matters related to development. This group will meet once a year at the Past Presidents Dinner, which is usually held during the fall meeting, and conduct its work via electronic communications.

Since our Anaheim meeting I have made appearances on radio and television and given interviews to print media. This summer I organized a symposium on Chemistry and Culture at the 43rd IUPAC World Chemistry Congress in Puerto Rico. I have been and shall continue to visit with local sections and attend regional meetings.

I want to thank you, as Councilors, for joining me, the ACS Board of Directors, and the ACS staff in Washington and Columbus, in working together to do what is best for ACS, for science, and for society.

Bassam Z. Shakhashiri

## REPORT OF THE IMMEDIATE PAST PRESIDENT

Members of Council,

This is my final written report to Council. Thank you for the opportunity you gave me in New Orleans in 2008 to stand as a candidate. Your support helped me to remain true to my platform around global education, the ACS international center, job creation and entrepreneurship, and partnership. My time in the presidential succession has been fun and rewarding. And I am very thankful for the incredible privilege to have delivered on the entire platform. Of course, much of the achievement made in delivering the presidential platform is the result of a lot of hard work by numerous volunteers and this Council, working to make a difference for all members of the Society.

I am proud of what we have accomplished.

Again, thank you for the opportunity to serve with each of you to bring value to all members of the American Chemical Society and the chemical enterprise.

Joseph S. Francisco

## REPORT OF THE CHAIR OF THE BOARD OF DIRECTORS

The International Year of Chemistry, 2011, is a year of major planning activities for ACS.

In June, prior to the midyear Board meeting, the Board of Directors joined with members of the Society Committee on Budget and Finance and ACS staff in a Financial Planning Conference with the theme "Ensuring the Society's Financial Sustainability and Growth in a Period of Extraordinary Change". The Financial Planning Conference has been held every three to five years in recent times to address strategic financial objectives for the Society, including financial goals, challenges, opportunities and processes. This year the following four major topics were addressed: alternative "game changing" business models which ACS could employ, ACS financial guidelines, the process of Society program review, and member dues models. Detailed recommendations in each of the areas were developed, along with recommendations for next steps and identification of other groups within ACS who should be involved with implementing or further developing specific recommendations. The full report will be reviewed by the Board at the August meeting.

One aspect of the period of extraordinary change that the Board is addressing is employment for chemists in the US. The report of the Executive Director provides details on efforts in this area, and I won't repeat them here. I would like to reinforce that while we can be proud of many of the career-oriented services available to ACS members, there is much more to be done, and we need to break new ground on what we do.

The Board and the Planning Committee continued to work on defining the framework of the ACS worldwide strategy. Obviously, we can't do everything everywhere. For an organization as complex as ACS, we recognize that some programs appropriately have a national focus (e.g., advocacy with government for education), whereas others should have an international or global scope. Members of the Planning Committee have reviewed ACS programs and discussed what the scope of each should be versus what the scope of each program is currently. As a result of these discussions, governance groups were identified to develop specific recommendations, e.g., the Committee on Grants and Awards will evaluate ACS awards and clarify the scope of individual awards. One of the areas which is the most complex is member services and the structures of ACS local sections and ACS international chapters. We welcome input from Councilors and other members – if you have an opinion about the desired worldwide scope of a particular program, or what it should mean to be an ACS member in another country, please let us know. The purpose of this exercise is to make sure our programs are thoughtfully and consciously scoped and maximize benefits to our members, and that there is a consensus on ACS programmatic priorities. My thanks to the committee members and staff who have worked through sometimes tedious detail to achieve the larger purpose.

As noted in previous reports, we are undertaking a fundamental (re)construction of the ACS Strategic Plan this year to ensure that it is on target to address the most important challenges for the Society. At the August meeting you will be asked to provide input on what areas should be addressed in the ACS major goals. I am particularly interested in setting goals that make sense to our members, and that provide very clear direction about what is most important for ACS. We'll try to do it without jargon, but we can use all the help we can get to make the goals meaningful and focused on the right areas. Please send your thoughts to [strategicplan@acs.org](mailto:strategicplan@acs.org) by September 9.

### **You are invited to the Board of Directors Open Meeting**

For many years the Board has held a formal Open Meeting on Sunday mornings at national meetings. In recent discussions, Board members have agreed to try a new format and time for the open session to try to make it more interesting, less formal, and more convenient for members to participate. There are some boring things we have to do, but this isn't one of them. The new time for the Board Open Meeting will be

Sunday, August 28, noon- 1 pm at the Colorado Convention Center (watch for signs announcing the room). There will be some brief reports from Board members, then a general discussion on the topic “What the ACS is doing to assist members who are facing employment challenges in uncertain economic times” and what ACS could be doing. Please come and share your ideas; we welcome your observations and suggestions. Sandwiches and soft drinks will be available.

Your thoughts and comments are always appreciated at [b.charpentier@acs.org](mailto:b.charpentier@acs.org).

Bonnie A. Charpentier

MINUTES  
REGULAR SESSION  
BOARD OF DIRECTORS  
Anaheim, California  
March 27, 2011

The Board of Directors of the American Chemical Society met in Anaheim, California, on March 27, 2011, beginning at 10:00 a.m. Bonnie A. Charpentier, Chair, presided. Other Directors present for all or part of the meeting were: George M. Bodner, William F. Carroll, Jr., Dennis Chamot, Pat N. Confalone, Peter K. Dorhout, Joseph S. Francisco, Nancy B. Jackson, Madeleine Jacobs, Neil D. Jespersen, Larry K. Krannich, Valerie J. Kuck, Kathleen M. Schulz, Bassam Z. Shakhshiri, Kent J. Voorhees, and Marinda Li Wu. Present by invitation for all or part of the meeting were: Fabian Parada Alfonso, Rudy M. Baum, Brian A. Bernstein, David Black, William H. Breazeale, Karen Burke, Brian D. Crawford, Denise L. Creech, Yvonne D. Curry, Mary Kirchhoff, Wolfram Koch, Martha K. Lester, Flint H. Lewis, Robert J. Massie, Les W. McQuire, Scott J. Oliphant, Cecilia Anaya de Parrodi, David Phillips, Carolyn Ribes, Robert H. Rich, Sophie L. Rovner, Glenn S. Ruskin, Ronald E. Siatkowski, David T. Smorodin, John R. Sullivan, Soon Ting-Kueh, and Marleen G. Weidner. Several observers were present at various times during the meeting.

Report from Executive Session

Bonnie A. Charpentier, Chair, opened the meeting with a summary of the key Board actions and discussion points from its executive session, March 25-27. She reported that the Board agreed to:

- receive the screened list of nominees for the 2012 Priestley Medal and the 2012 Volunteer Service Award, and will now vote on and announce the winners of these two awards following the June Board meeting;
- remove paragraph 2, of Section 13, Regulation III (and related language) from the Charter, Constitution, Bylaws and Regulations (Bulletin 5) of the American Chemical Society, because effective January 1, 2011, the ACS Petroleum Research Fund no longer provides a 1% allocation to the ACS Green Chemistry Institute<sup>®</sup>;
- continue its current attendance and role at the ACS Leadership Institute and at various other conferences and events;
- change the name of the Board Logistics and Training group (BLT) to the Board Operations and Technology Team (BOTT) and to continue to review ongoing improvements in overall Board operation and effectiveness;
- receive a report from the Presidential Task Force on Innovation in the Chemical Enterprise: New Technologies for the Society, New Jobs for Chemists;
- continue its discussions of a Society Worldwide strategy as a follow-up to the strategic issues retreat in January, and involve the Planning Committee in a more thorough review to engage other members and stakeholders in these discussions;
- receive a briefing on the preliminary plans and desired outcomes for the 2011 Financial Planning Conference, to be held in June;
- receive reports from the Executive Director/CEO and several of her direct reports on the activities of CAS (Chemical Abstracts Service), the ACS Publications Division, and the Society's General Counsel; (The General Counsel's report included an update on the ACS vs. Leadscope litigation. ACS's appeal, which is supported by several prominent Ohio organizations and the Ohio Attorney General, has been accepted by the Ohio Supreme Court, and is under review by that body.)
- reappoint three editors to ACS journals;
- approve several actions on compensation for the Society's Executive staff;
- receive a report from the President-Elect on plans and priorities during his presidential years;
- review and discuss the presidential succession budget – particularly in light of increasing international and domestic travel demands; and
- ratify several consent actions taken since the December meeting, including editor appointments, an appointment to the Board Committee on Executive Compensation, and a reappointment to the Governing Board for Publishing.

### Resolution

1. The Board of Directors adopted the following resolution in support of the people of Japan noting the recent devastation that resulted from a major earthquake and tsunami:

WHEREAS on March 11, 2011, a magnitude 9.0 earthquake and tsunami centered off the coast of Japan struck in deadly tandem, which caused great devastation in the northern part of the country, and

WHEREAS chemistry professionals in the U.S. and worldwide are deeply moved, concerned for their colleagues, and inspired by their resiliency;

BE IT RESOLVED That the Board of Directors and Council of the American Chemical Society expresses their sincere and heartfelt concern over the loss and turmoil caused by the earthquake, tsunami, and nuclear crisis in Japan. To our colleagues and friends from Japan, more than 4,000 of whom are ACS members, we salute your resolve in the face of this tragedy. While words cannot adequately express our feelings of regret and sorrow, please know that our thoughts are with you and your families.

### INFORMATION ITEMS

#### Introduction of Society International Dignitaries

Dr. Charpentier introduced international dignitaries Karen Burke, Vice President, Canadian Society for Chemistry (CSC); Fabian Parada Alfonso, President, Latin American Federation of Chemical Associations (FLAQ); Wolfram Koch, Executive Director, German Chemical Society; David Black, Secretary General, International Union of Pure and Applied Chemistry (IUPAC); Cecilia Anaya de Parrodi, President-Elect, Mexican Chemical Society; David Phillips, President, Royal Society of Chemistry (RSC); and Soon Ting-Kueh, President-Elect, Federation of Asian Chemical Societies (FACS). Each international dignitary offered brief remarks.

Dr. Burke reported that the Canadian Society for Chemistry has been offering international accreditation in chemistry since 2007 – largely tailored to universities in the Middle East. She described the National Advisory Committee of the Professional Chemist in Canada's (NACPCC) goal of proposing a national chemist licensure. Dr. Burke said that NACPCC also will monitor and contribute to provincial legislature such as the Ontario Engineering Act and Brownsfield. Dr. Burke concluded her comments by sharing several Canadian activities planned in celebration of the International Year of Chemistry (IYC), including the issuance of a Canadian IYC postage stamp.

Dr. Parada Alfonso said that the Latin American Federation of Chemical Societies (FLAQ) was founded in 1959, and has the following purpose: 1) promote the establishment of chemical associations at the local level; 2) organize the Latin American Congress of Chemistry; 3) promote the establishment of a code of professional ethics; 4) encourage the exchange between higher education centers to encourage the promotion of science and technology to respond to urgent development opportunities in Latin America; 5) participate in international meetings on chemical and related problems; 6) promote studies on chemical problems; and 7) help to spread new knowledge in chemistry.

Dr. Koch noted the long relationship between the German Chemical Society and ACS and the signing of a memorandum of understanding with the Society in 2010. He described the exchange program between the Northeastern Local Section's Younger Chemist Committee and the younger chemist committee of the German Chemical Society. Dr. Koch said that these are very positive activities. Next, Dr. Koch described his Society's activities to promote public understanding and appreciation of chemistry. He stated that 2003 was the national year of chemistry in Germany and that the German Chancellor attended this year's International Year of Chemistry kick-off.

Dr. Black thanked the ACS for its role in celebrating of the International Year of Chemistry and for the Society's support of the IUPAC program in Puerto Rico. Dr. Black urged all organizations involved in IYC celebrations to start looking beyond 2011 and continue to seek ways to promote chemistry to their respective communities. Dr. Black's closing comment emphasized that everything is chemistry.

Dr. de Parrodi reviewed the history of the Mexican Chemical Society (SQM its Spanish acronym) stating that it was organized in 1956 and promotes the development of professionals and students in the field of chemistry in activities such as research, education, industry and services. Dr. de Parrodi offered a brief overview of SQM awards and their purpose. She also described Mexican Chemical Society publications, including SQM's newsletter and premier journal, *The Journal of the Mexican Chemical Society*. Dr. de Parrodi closed by outlining several events planned in celebration of the International Year of Chemistry.

Dr. Phillips shared several events associated with IYC celebrations, including an experiment that featured a member of Parliament. Dr. Phillips reported a 42% increase in applications to science programs in England; however, he noted a cut in the number of teachers. He expressed concerns that laboratory-based sciences such as chemistry are vulnerable to budget cuts, even though 40% of the UK's gross national product comes from chemistry. He said that while the RSC is very involved with IYC events, they want to go beyond 2011 and keep the importance of chemistry and its benefits before the general public. Dr. Phillips concluded his remarks with an announcement of RSC's new president-elect.

Dr. Dr. Ting-Kueh reported that the Federation of Asian Chemical Societies (FACS) is a group of 28 national chemical societies from countries and territories in the Asia Pacific. He said that FACS is governed by a council composed of FACS executive committee members and one representative of each member society. The main objective of FACS is to promote the advancement of chemistry and the interests of professional chemists in the Asia Pacific region. After outlining the history of the development of Asian chemistry, Dr. Ting-Kueh described other FACS activities and programs, and its events organized in celebration of the International Year of Chemistry.

#### Collaborative Alliance Signing Ceremony

ACS President Nancy Jackson offered brief remarks prior to the signing of a collaborative alliance between the American Chemical Society and the Federation of Asian Chemical Societies. The three-year alliance is characterized by mutual benefits, impact, and commitment to cooperation in service to chemical scientists, engineers, and professionals represented by the respective organizations. Dr. Ting-Kueh also offered brief remarks and noted his appreciation of the ACS joining with FACS in the signing of this alliance. Next, Dr. Charpentier, Dr. Ting-Kueh, and ACS Executive Director and CEO Madeleine Jacobs retired to a table at the meeting and jointly signed the document. President Jackson stated that she and FACS President Chunli Bai will add their signatures at a similar ceremony in Bangkok.

#### Reports of Officers

**Chair Bonnie A. Charpentier** began her remarks by announcing that thus far the spring national meeting had attracted more than 12,000 attendees. She then reviewed Board activities during the first quarter of 2011, including her attendance and participation at the ACS Leadership Institute, a Board retreat on strategic issues, and the New Board Member Orientation. She said that the strategic issues retreat addressed major challenges facing ACS and fundamental assumptions about the purpose of the Society and appropriate Society endeavors.

Next, Dr. Charpentier reported on survey data from the National Science Foundation and the Pew Research Center that highlighted the public's perception of science and its practitioners. She said that we can help change the perception of science by becoming Chemistry Ambassadors, particularly during the International Year of Chemistry.



**President Nancy B. Jackson** stated that she is very excited about the International Year of Chemistry and the possibilities that it brings. She noted that chemistry plays a central role in our lives and that chemistry is a solution for several of the world's challenges such as clean water, energy, and sustainability. Dr Jackson briefly highlighted her participation in IYC opening events in both Philadelphia and Paris. She noted the launch of IYC events around the world most notably through the Federation of Asian Chemical Societies, Israel, and Palestine. Dr. Jackson concluded her comments by stating that US chemists are facing significant employment challenges and that the ACS consistently seeks opportunities to address this issue.

**President-Elect Bassam Z. Shakhashiri** stated that he is proud to be a 50-year member of the Society and that he plans to organize a Presidents Circle of ACS Past Presidents. The Presidents Circle will provide a mechanism for tapping the wisdom of former and current elected leaders of ACS. Next, Dr. Shakhashiri announced preliminary plans for his presidential year which will include a focus on scientific research, science education and communications to improve the public perception of chemistry. Dr. Shakhashiri said that the working theme is "Advancing Chemistry – Communicating Chemistry." He said that he plans to hold symposia on his topic areas at national meetings in 2012.

**Immediate Past President Joseph S. Francisco** thanked the international dignitaries for their many celebratory events recognizing the International Year of Chemistry. He described his time in the presidential succession as being "simply awesome" but noted that he could not capture in the report of a few minutes the many facets and experiences of serving as ACS President. Dr. Francisco referenced his visit to a third grade class in Columbia and the desires of these students to become scientists. He had observed in his many travels that the chemical enterprise, while facing challenges, is largely healthy around the world and advised the audience that we must keep the momentum going that is present during this international year of chemistry.

**Executive Director and CEO Madeleine** opened her remarks by thanking a 50-year employee at CAS for his service and commenting on the many connections that occur throughout the meeting - citing the example of a hotel employee who knew of the 2011 Priestley Medalist. She introduced staff members Bradley Miller, Director, Office of International Activities, and Terri Taylor, Assistant Director, K-12 Education. Both Dr. Miller and Ms. Taylor served as co-chairs of the ACS International Year of Chemistry 2011 staff working group. Together they described IYC global and US programs and the IYC focus. Ms. Taylor detailed several outreach events, including the pennies for PUR™ Water Project. Dr. Miller commented on the many IYC partners and web-based opportunities and tools. Their presentation concluded with a video titled, "A Day Without Chemistry."

#### OPEN FORUM

Dr. Charpentier announced that the Board of Directors had put on its agenda an open forum as an opportunity for meeting attendees – particularly members – to ask questions, share concerns, and/or provide input on Society activities. A member commented on her newly released book titled, "African American Women Chemists."

There being no further business, the meeting was adjourned at 12:07 p.m.

Flint H. Lewis  
Secretary

**BOARD CHAIR'S REPORT  
OF EXECUTIVE SESSION  
ACTIONS AND DISCUSSION ITEMS  
JUNE 2011**

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

**The Board's Committees and Working Groups**

The Board of Directors received reports from its Committees on Planning, Grants and Awards (G&A), and Professional and Member Relations (P&MR).

The Committee on Planning reported on its discussions of ACS worldwide strategy and appropriate role that ACS programs, products, and services play within that strategy. The committee will continue its discussions at the fall meeting.

The Committee on Grants and Awards informed the Board of the results of its votes to select the 2012 winners of the Priestley Medal and the Award for Volunteer Service to the ACS. Dr. Robert S. Langer of the Massachusetts Institute of Technology is the winner of the Priestley Medal and Dr. Ingrid Montes of University of Puerto Rico, Rio Piedras, is the winner of the Award for Volunteer Service to the ACS. The Board also VOTED, as recommended by G&A, to financially support several ACS national awards until they obtain external sponsors.

The Board was briefed by its Committee on Professional & Member Relations on the deliberations of several issues, including international chapters and international alliances - their original goals, current activity, evaluation methods, and desired strategies going forward; and recent Society actions regarding scientific freedom and human rights.

On the recommendation of the Board Operations and Technology Team (BOTT), the Board agreed to a minor revision of its rules of engagement and was updated on the BOTT's recent activities to enhance the effectiveness of Board operations.

**Follow-up from the Financial Planning Conference**

Every three to five years, the Board, with the Committee on Budget and Finance (B&F), holds a conference to discuss in greater detail the Society's finances and its financial objectives. At this meeting the Board and B&F participated in the conference, "Ensuring the Society's Financial Sustainability and Growth in a Period of Extraordinary Change." At the conclusion, the participants discussed outcomes and next steps, and a report from this nearly two-day conference will be presented to the Board at its August meeting.

**The Executive Director/CEO Report**

The Executive Director/CEO and several of her direct reports updated the Board on the activities of CAS (Chemical Abstracts Service), the ACS Publications Division, and the Society's General Counsel. The General Counsel report included an update on the ACS vs. Leadscope litigation.

**Other Society Issues**

The Board continued discussions with the President-Elect on plans and priorities during his presidential year. The Board also engaged in a discussion of the current regular session format and possible options for future sessions. The Board's Executive Committee will discuss options further, with input from the full Board, and will provide more detailed recommendations based on this discussion by the August meeting.

In December 2008, the Board of Directors authorized the ACS to accept the Hach Scientific Foundation's donation of over \$33 million. Most of the donation consisted of cash and securities. However, a small part of the donation was an office building in Ft. Collins, CO, which the Society expected to sell. At this meeting, the Board VOTED to authorize the sale of the former Hach property.

By consent, the Board VOTED to ratify several actions taken since its March meeting, including an editor-in-chief appointment of an ACS journal, national award recipients, and approval to move the 2014 fall national meeting in San Francisco from August 24-28 to August 10-14. The Board also VOTED to approve the 2021 national meeting dates and locations as follows: San Antonio, TX – March 21-25; and Boston, MA – August 22-26.

Bonnie A. Charpentier  
Chair, ACS Board of Directors

## REPORT OF THE EXECUTIVE DIRECTOR

The economy and employment outlook continue to be on the minds of all our members—from our youngest undergraduate chemistry and chemical engineering majors to our seasoned professionals who are unemployed or worried about what the future holds. Thus, it is not surprising that the first six months of this year have seen us redoubling our focus on employment and career services for our members at all stages of their careers.

Our approach is basically three pronged. First, we have “traditional” career programming and services, which include our face-to-face and virtual career fairs; networking at our national and regional meetings as well as at the local section level; workshops and webinars; personal career consulting; and myriad support materials. At the Denver meeting alone, we are featuring nearly three dozen career workshops, ranging from “Planning Your Job Search” to “Effective Interviewing,” as well as career-related programming and activities by the Committee on Economic and Professional Affairs, Division of Professional Relations, Division of Small Chemical Businesses, Women Chemists Committee, and Younger Chemists Committee. One relatively new addition to this list of activities is the Job Club Initiative, with helpful tips on how to start a local networking Job Club. Our second area of focus is providing a wide variety of professional development programs through ACS Professional Education short courses and the ACS Leadership Development System. Our third approach is directed toward faculty and students on campus, and includes ACS on Campus, workshops on preparing for life after graduate school, and the Graduate Student Newsletter, to name a few.

The fact is, ACS provides more career-oriented programs, products, and services than any other professional or scientific society, but staff and ACS governance volunteers often find that our members are not aware of them. Councilors are encouraged to publicize the availability of career and educational information to your local sections and divisions. The easiest way to find this information is to go to [www.acs.org](http://www.acs.org) and click on the Careers and Education tabs at the top. From either page, members are literally one click away from a cornucopia of resources.

There is more that ACS can, and should, do for its members to help them thrive in this challenging environment. In Anaheim, Past President Joseph Francisco and I reported on the work of an ACS Task Force on Innovation headed by Harvard University Professor George Whitesides (see C&EN, June 6, 2011, page 44). The task force report will be available on the web and in print before the Denver meeting. The mission of this task force, appointed by Dr. Francisco in 2010, was to recommend actions ACS could take to stimulate the creation of U.S.-based jobs in start-ups and small companies. As a result of this presidential initiative, ACS plans to increase its activities in these four areas: training and resources related to entrepreneurship and innovation; advocacy in key areas aimed at promoting patent reform and a stronger business climate for startups and small companies; publicity and recognition for entrepreneurial undertakings; and collaboration with universities on career planning. I have also been impressed with individual initiatives that ACS members, technical divisions, local sections, and committees have undertaken to help their colleagues create and find jobs. ACS needs to give more visibility to these grass-roots efforts, and we will be doing so in the near future as part of a new Entrepreneurial Initiative. I hope to be able to report more on the status of this initiative in Denver.

Access to professional and information resources is among the top reasons people join ACS and remain as loyal members. So in addition to the career and educational resources described above, please take note of the activities described in the following reports from the Governing Board for Publishing (on the activities of CAS and the ACS Publications Division) and the ACS Green Chemistry Institute® Governing Board. You can learn more about the activities of these units from [www.acs.org](http://www.acs.org).

Finally, in this report to Council, I want to highlight a number of the enhancements that we have made in the past few years building a more cohesive and powerful Internet presence, particularly on [www.acs.org](http://www.acs.org). We now have, as of this report to Council, a robust, global community of nearly 200,000 chemists (the ACS Network). Our systems work better, our search provides better results, we are better able to respond quickly to current events, and we are using our resources efficiently. Our website and the ACS Network are driving value for our members and the scientific community, but we can always do better. So in the next few months, you will start to see enhancements in our search engine results and new tools. Behind the scenes, a number of platform adjustments and upgrades are being made. Finally, many new enhancements are being made to local section and technical division web sites hosted by ACS Web Strategy and Operations. If you have ideas about what you would like to see or if you would like more information about what is coming to [www.acs.org](http://www.acs.org) in the future, please contact Mark Carpenter, director of Web Strategy and Operations, at [m\\_carpenter@acs.org](mailto:m_carpenter@acs.org).

As always, I invite you to write me with your thoughts and ideas at [m\\_jacobs@acs.org](mailto:m_jacobs@acs.org). I look forward to seeing you in Denver.

Madeleine Jacobs

## REPORT OF THE GOVERNING BOARD FOR PUBLISHING TO ACS COUNCIL

The following is a summary of the February 2011 and May 2011 meetings of the Governing Board for Publishing.

### **CAS (Chemical Abstracts Service)**

#### **CAS Overview and Financial Performance**

CAS Division management reported that operations in 2010 and year-to-date 2011 are sound with good progress against all key operational objectives. CAS revenues and net contribution to the Society grew in 2010 and in both cases exceeded the Approved Budget. 2010 was also a record year for input to the CAS databases.

CAS is expecting revenues to grow again in 2011, but at a somewhat slower rate due to the temporary reduction in revenues from Japan following the natural disasters that struck in March. However, net contribution is projected to grow year on year and also to exceed the 2011 Approved Budget. CAS management, in conjunction with ACS Treasurer's office, reviewed with the Governing Board for Publishing the policies and procedures that are in place to manage foreign currency fluctuations.

#### **Editorial Operations**

All CAS databases saw considerable growth in 2010, with the Registry recording an additional 5 million substances, and CASREACT showing the most reactions ever added in a single year. Nearly two million experimental procedures were collected from patents and journal articles published since 2004, enriching the answer sets produced by SciFinder, CAS's desktop tool for chemists. In March, the CAS Registry reached the 60 millionth small molecule, another milestone in the world's most comprehensive and quality controlled collection of chemical substance information.

#### **Technology**

CAS management reviewed with the Governing Board a range of technology development projects, including (i) the overhaul of the entire CAS Editorial processing environment to ensure that CAS will optimally process electronic input, (ii) the re-architecting of STN, which is on track to see the release of the first new module in the first quarter, (iii) new versions of SciFinder, including Version 9 released in March, and (iv) a new SciFinder Mobile release in April.

The newest version of SciFinder contained improvements such as citation sorting and the much anticipated "SciPlanner" feature, a virtual white board that, among other capabilities, permits the researcher to build and combine synthetic pathways.

#### **Academic SciFinder**

CAS management also reviewed a plan to transition sales of SciFinder in academia from the "concurrent user seat" model to an "unlimited use" system. Offers will begin to be made to universities and colleges in North America and Europe this summer, with all major schools around the world having offers by mid-2012. This transition to unlimited use will increase the availability of SciFinder in academic settings and better meet CAS's mission.

## **ACS Publications**

### **ACS Publications Overview and Financial Performance**

Publications Division management reported that operations in 2010 and year-to-date 2011 are sound with good progress against all key operational objectives. New product introductions and performance are on track with expectations and were important contributors to the Journals Publishing Group success in 2010. Published output of high-quality articles continues to grow and in the first quarter of 2011, the Division successfully completed a search for the Editor-in-Chief to lead *ACS Synthetic Biology*, scheduled for 2012 launch. The *C&EN Archives* were introduced in 2011 and early subscription and one-time licensing sales are robust. In mid-March, the Division introduced an Android version of its highly successful *ACS Mobile* software application. Like the Apple iOS version, the Android edition of *ACS Mobile* provides readers with an up-to-the minute live stream of peer-reviewed research content from the Society's research journals and is augmented by "Latest news" from *C&EN*.

Publications Division management reported that the 2010 net contribution was the Division's highest net ever achieved and its return on revenue was the highest since 2000. This performance was driven by the Journals Publishing Group which exceeded both its revenue growth and return on revenue targets. First quarter 2011 financial results indicate that the division is off to a good start for the current year.

### **New Product Development: ACS Macro Letters**

Publications Division management presented a proposal to launch a new journal in 2012 entitled *ACS Macro Letters*. The new journal will publish high-impact letters in polymer science and engineering and capitalize on an opportunity to highlight contributions to this growing area of chemistry with a strong international community and funding. Support from ACS editors and the polymer science community was noted. The Governing Board approved the proposal to launch the new journal which will be led by a deputy editor working in concert with *Macromolecules* Editor-in-Chief Professor Timothy P. Lodge.

### **New Product Development: C&EN Mobile Application**

Publications Division management presented an overview of the rationale and project plan to develop a set of mobile applications to deliver *C&EN* in a format optimized for mobile viewing, including for the iPhone, iPad, and Android-based mobile devices. The dedicated application(s) now under development will provide *C&EN Latest News* feeds as free content as well as offer an attractively priced mobile subscription as an exclusive benefit of ACS membership, along with a mechanism for both ACS members and non-member mobile users to purchase individual magazine issues for online and offline viewing.

### **ACS-PNAS Content Crosslinking Alliance**

Publications Division management presented a one-year pilot for selected ACS journals to participate in an experiment with the Proceedings of the National Academy of Sciences (PNAS) for the purposes of establishing "toll free" web hyperlinking with that prestigious journal. The Governing Board approved a proposal to undertake such a pilot which will begin later in 2011. The crosslinking will allow the authorized users of one journal to receive free access to the full text of cited articles that appear in the counterpart journal. The initiative has received endorsement by ACS Editors-in-Chief.

Madeleine Jacobs, Chair

REPORT OF THE GOVERNING BOARD FOR THE GREEN CHEMISTRY INSTITUTE®

The ACS Green Chemistry Institute® (ACS GCI) continues to make major strides since its last report to Council in Spring 2011. Following are a few highlights of accomplishments since then:

- The ACS GCI launched Green Chemistry 101 as a workshop at the spring meeting with strong participation. The success of this workshop has led to plans in Denver for Green Chemistry 101 and Advanced Green Chemistry workshops.
- The 15<sup>th</sup> Annual Green Chemistry and Engineering Conference (GC&E), held June 21-23, 2011, was a major success. Held in partnership with the 5<sup>th</sup> International Conference on Green and Sustainable Chemistry, the theme of the conference was *Global Challenges, Green Chemistry Solutions*. In addition, GC&E was registered as an official event of the International Year of Chemistry. The keynote speakers were Dr. H. Fisk Johnson (CEO of S.C. Johnson), Dr. Paul Anastas (Assistant Administrator of the Environmental Protection Agency's Office of Research and Development and Science Advisor to the Agency), Professor Ei-chi Negishi (Purdue University and 2010 Nobel Prize winner in chemistry), Dr. Martyn Poliakoff (Professor of Chemistry and Green Chemistry pioneer), and Dr. Janine Benyus (founder of the Biomimicry Institute). Approximately 670 people registered to attend this year's conference, compared to 470 for the 14<sup>th</sup> Annual GC&E Conference last year. About 20 hours of talks were recorded and will be available on-line: [www.gcande.org](http://www.gcande.org).
- ACS GCI once again sponsored a student workshop at the GC&E Conference with the support of the National Science Foundation. Dr. Amy Cannon of Beyond Benign was the workshop leader this year. Approximately 100 students were in attendance. On Thursday afternoon an outreach event was held for more than 100 local young people.
- A series of ACS GCI Industrial Roundtable meetings were held during the GC&E event. In addition, a special poster session and reception was held on Wednesday evening. The attendance energy level and feedback were excellent.
- Special student scholar events were hosted by the German Embassy and the Embassy of Japan.
- ACS GCI Green Chemistry and Sustainability Webinar Series held its second webinar in May with Dr. Michael J. Heben, Department of Physics and Astronomy, School of Solar and Advanced Renewable Energy, Wright Center for Photovoltaics Innovation and Commercialization at the University of Toledo. The topic, consistent with the second quarter IYC 2011 theme of energy, was "*Green Chemistry and Renewable Energy: Like Two Peas in a Pod – How so?*" The webinar was well attended, with over 450 participants and a higher than 90% satisfaction rating.

Berkeley W. Cue, Ph.D., Chair



**DRAFT**  
**MINUTES**  
**COUNCIL POLICY COMMITTEE**  
**AMERICAN CHEMICAL SOCIETY**  
Anaheim, California  
March 29, 2011

The Council Policy Committee (CPC) of the American Chemical Society met in Anaheim, California, on March 29, 2011, beginning at 8:00 a.m. Chair Nancy B. Jackson presided. Other voting members present were: John E. Adams, M. Elizabeth Derrick, Alan M. Ehrlich, Joseph S. Francisco, Thomas R. Gilbert, Madeleine Jacobs, Bonnie A. Lawlor, Willem R. Leenstra, Mamie W. Moy, Mary Virginia Orna, Carolyn Ribes, Bassam Z. Shakhashiri, and Eleanor D. Siebert. 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: Harmon B. Abrahamson, William H. (Jack) Breazeale, Mary K. Carroll, Les W. McQuire, and William R. Oliver. Present by invitation for all or part of the meeting were: Bonnie A. Charpentier and Yvonne Curry. Several Councilors, ACS staff, and others were present as observers at various times during the meeting.

Report of the Subcommittee on Nominations

1. VOTED, in accordance with Bylaw III, Sec. 3,b,(3), that the Council Policy Committee approve the list of potential candidates, as presented by the Subcommittee on Nominations, for election to 2012-2014 terms on the Committee on Nominations and Elections.
2. VOTED, that the Council Policy Committee authorize the chair of the Subcommittee on Nominations to amend the approved list of candidates for election to the Committee on Nominations and Elections, in consultation with the chair of the Committee on Nominations and Elections, to avoid duplications in the candidate lists for the Council Policy Committee, the Committee on Committees, and the Committee on Nominations and Elections.

Approval of Minutes

3. VOTED to approve, as amended, the minutes of the August 24, 2010, meeting of the committee.

Report of Interim Action of the Council Policy Committee

4. CPC 1-2010. VOTED to elect Carolyn Ribes as Vice Chair of the Council Policy Committee for 2011.

Reports of Committee Chairs and Society Officers

The Council Policy Committee divided into three 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.; Nancy B. Jackson, Joseph S. Francisco, and Bassam Shakhashiri served as chairs for 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 March 30. 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; the Joint Board-Council Committees on Chemistry and Public Affairs, Environmental Improvement, International Activities, Public Relations and Communications, Science, and Younger Chemists; including reports on progress and recommendations resulting from their work during the past half-year and their sessions held in Anaheim, 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 March 30 Council meeting.

5. VOTED that the Council Policy Committee authorize the use at Council of projected graphics and/or distributed materials as part of the reports of the Committees on Communications and Public Relations, Divisional Activities, and Nominations and Elections; concur with a recommendation from the Committee on Committees that Council change the charge of the Committee on Technician Affairs; and concur with a recommendation from the Committee on Divisional Activities that Council approve the distribution formula for division funding.
6. VOTED that the Council Policy Committee authorize the use at Council of projected graphics and/or distributed materials as part of the reports of the Committees on Budget and Finance, Environmental Improvement, International Activities, and Local Section Activities; and the report of the Immediate Past President.
7. VOTED that the Council Policy Committee concur with the Committee on Budget and Finance's recommendation that Council approve the fully escalated dues rate for 2012.
8. VOTED that the Council Policy Committee concur with the recommendation of the Committee on Local Section Activities that Council support a change in the name of the Northeast Oklahoma Local Section to the Northern Oklahoma Local Section.
9. VOTED that the Council Policy Committee, on recommendation of the Committee on International Activities: (1) authorize the presentation for action at Council of resolutions on the 100<sup>th</sup> anniversary of the awarding of the Nobel Prize to Madam Curie and expressing the Board's and Council's sympathies over the natural disasters in Japan; and (2) concur with the recommendation that Council charter two new international chemical sciences chapters.
10. VOTED that the Council Policy Committee authorize the use at Council of projected graphics and/or distributed materials as part of the reports of the Committees on Chemistry and Public Affairs, Constitution and Bylaws, Economic and Professional Affairs, Meetings and Expositions, and Younger Chemists.

#### Report of the Council Policy Committee Vice Chair

Vice Chair Carolyn Ribes reported on the recent orientation for new Councilors and plans to continuously enhance it, on the development of new procedures on clicker voting at Council and recorded voting, on the proposal to provide reimbursement for non-Councilor committee members, on the proposed divisor to determine the number of local section and division Councilors, and on the launch of a new Councilors' group on the ACS Network. She noted that more detail on these items would be provided in the reports of subcommittees and task forces which follow.

#### Reports of Subcommittees and Task Forces

##### A. Divisor Communications Task Force

Bonnie Lawlor reported that the ACS bylaws require that every four years a specific process be followed to determine how many Councilors each local section and division will be entitled to for the succeeding four-year period. The process first identifies a range of permissible divisors which, when divided into the member population of each local section, determines the number of Councilors to which each section is entitled. Another calculation flows from these divisors and determines the number of Councilors to which each division is entitled. Ms. Lawlor presented the divisor that the Task Force and the ACS Secretary were recommending. She said that the divisor produced a result that was most consistent with the committee's criteria of minimizing the (negative) impact on local sections and divisions and the overall size of Council.

11. VOTED that the Council Policy Committee approve the divisor, as recommended by the Divisor Communications Task Force and the Secretary, for determining the allowable number of Councilors for each local section and division for the period 2012-2014.

B. Report of the Subcommittee on Constitution and Bylaws

Subcommittee chair, M. Elizabeth Derrick, reported on the discussions and recommendations of the subcommittee on a procedure to address how recorded votes may be requested and executed at Council in relation to the use of “clicker” voting devices. The procedure included, among others, the following key points: a recorded vote can be requested any time an action is before Council until Council has proceeded to the next item of business or recessed; and whenever the Chair (of Council) chooses a clicker vote, Councilors should first be asked, before the voting begins, if there is a request for a recorded vote; and the Chair should announce the next item of business immediately after announcing the result of a vote taken by clickers. She reported on the actions or discussions (generally supportive of the subcommittee’s proposed procedure) relating to this issue that occurred at the Councilor caucuses two days prior to this CPC meeting. William S. (Jack) Breazeale, the chair of the Committee on Nominations and Elections (N&E), said that N&E supports the proposed procedures. Harmon Abrahamson, the chair of the Committee on Constitution and Bylaws, confirmed that CPC sets the agenda for the Council meetings and has the authority to implement the proposed procedures. Dr. Derrick said that her subcommittee also recommends that a petition to amend the ACS bylaws be drafted to address the long-term issues relating to recorded votes and clicker voting.

12. After approving a motion to close debate, the Council Policy Committee VOTED to approve the procedures on recorded votes with clicker voting, as recommended by the Subcommittee on Constitution and Bylaws.

Dr. Derrick reported that there were no petitions before Council for action at this meeting, but that the subcommittee recommended that the President, as Chair of Council, consider allowing only limited questions or discussion on the petition which is up for consideration at this meeting.

13. VOTED that the Council Policy Committee authorize its Vice Chair to use projected graphics at this Council meeting on the new procedures for handling recorded votes with clicker voting.

C. CPC-ConC Task Force on the Proposed Committee Expense Reimbursement Policy

Les McQuire, co-chair of the task force, reported the following items: The task force had reconsidered its proposal after it was recommitted by CPC at its last meeting, and amended the recommended policy to exclude from its provisions non-Councilor committee members, associates, or consultants who already receive a travel reimbursement from their committees. He was aware of five committees which provided this reimbursement (Budget and Finance, Chemists with Disabilities, Younger Chemists, Education, and Professional Training). Under the proposed policy, these committees would be urged, but not required, to become part of this new reimbursement program. He reminded the committee that the proposal would provide an amount equal to 50% of the reimbursement amount provided by ACS under the Councilor travel reimbursement program, would cover the same types of expenditures as that program, and that it would be implemented by staff liaisons of the participating committees. Approximately 280 of the 320 non-Councilor committee members would be eligible for reimbursed costs under the proposed policy. The Committee on Committees supports this latest proposal. The task force recommends that the policy be approved and implemented in time to cover the 2012 fiscal year.

14. VOTED that the Council Policy Committee, on recommendation of the CPC-ConC Task Force on the Proposed Committee Reimbursement, approve the proposed Committee Expense Reimbursement Policy for non-Councilor committee members, associates, and consultants.

Following approval of the proposed policy, it was observed that it should not be considered to be subject to the new program funding or expansion procedures, but should be presented to the Budget and Finance Committee and the Board of Directors for approval as part of the 2012 budget.

D. CPC Subcommittee on Long-Range Planning

Subcommittee chair, Thomas R. Gilbert, reported that the subcommittee was not, after its extensive review and in light of the Council discussion on the topic at the last Council meeting, going to recommend that Council hold its meetings on Tuesdays, rather than Wednesdays. He also reported that 22 new, second year, and Alternate Councilors attended the New Councilor Orientation on Saturday; that the subcommittee is using the Councilor ACS Network Group to implement a mentoring program linking experienced with new Councilors; and that the subcommittee is continuing to look for innovative approaches to improve the effectiveness and efficiency of Council-related governance.

15. VOTED, on recommendation of its Subcommittee on Long-Range Planning, to approve the following motion:

“The Council Policy Committee encourages Councilors to use the ACS Network to enhance the effectiveness and efficiency of ACS volunteer leadership.”

Schedule of Business Sessions

The following schedule of activities at the fall 2011 National Meeting is the result of previous authorization by the Council Policy Committee:

Board of Directors:	Sunday, August 28
Council Policy Committee:	Tuesday, August 30
Council:	Wednesday, August 31

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

16. VOTED that the Council Policy Committee approve the Council Agenda, as amended, for the March 30, 2011 meeting of the Council.

There being no old business, additional new business, or comments during the open forum, the meeting was adjourned at 11:36 a.m.

Flint H. Lewis  
Secretary

## REPORT OF THE COMMITTEE ON COMMITTEES

At its meeting in Anaheim, March 27-31, 2011, the Committee on Committees (ConC) developed its recommendations for 2012 chairs of the Council Standing and Other Committees for approval by the President-Elect in June 2011. In Denver, the committee will continue developing recommendations for appointments to all Council, Society, and Joint Board-Council committees for consideration by the President-Elect and chair of the board of directors. The committee appointment process is expected to conclude in early January 2012.

Also in Denver, ConC will receive reports and consider recommendations from its subcommittees or task forces on leadership development, governance pipeline (formerly industrial chemists pipeline), diversity, ConC web page, and Senior Chemists. ConC will receive reports from the CPC-ConC Task Force on the Proposed Committee Reimbursement Policy and an update on a new charter for the Committee on International Activities.

ConC will also receive preliminary updates on scheduled performance reviews for the Committees on Ethics, Project SEED, Environmental Improvement, Public Relations and Communications, Chemists with Disabilities, International Activities, Professional Training, Women Chemists, Younger Chemists, and Nomenclature, Terminology and Symbols; and expects to seek Council approval in Denver on recommendations for the continuance of the Committees on Community Activities and Publications.

At a special luncheon Monday, August 29, 2011, ConC will recognize the contributions of committee chairs who have served the statutory limit on the committee they chair. During the Council meeting on August 31, 2011, ConC will also recognize Councilors who will have served the statutory limit or have otherwise completed their service on committees at the end of 2011, as well as those Councilors observing significant anniversaries of years of service on Council.

Councilors and other interested members are invited to attend the committee's open executive session on Monday, August 29, 2011, in the Hyatt Regency Convention Center in Denver, CO, from 1:00-2:30 p.m., to offer their views on any topics on the agenda, or other matters of interest.

Les W. McQuire, Chair

Bryan Balazs  
Cherlynlavaughn Bradley  
Dawn A. Brooks  
Janet L. Bryant  
H. N. Cheng  
Rigoberto Hernandez  
Amber S. Hinkle  
James M. Landis, Jr.

Michael Mautino  
Ingrid Montes  
Howard M. Peters  
Yorke Rhodes  
Sara J. Risch  
Bassam Z. Shakhashiri  
Frankie K. Wood-Black

Staff Liaison: Flint H. Lewis

**RECOGNITION OF SERVICE**  
**Council Meeting, August 31, 2011**

1. The following members will have served the statutory limit or have otherwise completed their service at the end of 2011 on the ACS governance committee shown below:

Robert S. Cohen	Constitution and Bylaws
Lydia E.M. Hines	Constitution and Bylaws
Carolyn H. Kendrow	Constitution and Bylaws
Charles P. Rader	Constitution and Bylaws
Michael J. Brownfield	Divisional Activities
Keith R. Vitense	Economic and Professional Affairs
Ressano Machado	Local Section Activities
Maurice R. Smith	Local Section Activities
Stan S. Hall	Meetings and Expositions
Zaida C. Morales-Martinez	Membership Affairs
Albert N. Thompson, Jr.	Project SEED
Elaine S. Yamaguchi	Project SEED
Anne T. O'Brien	Budget and Finance
Morton Z. Hoffman	Education
Barbara P. Sitzman	Education
Patricia L. Dedert	Chemical Abstracts Service
Erik A. Talley	Chemical Safety
Maureen G. Chan	Chemistry and Public Affairs
Doris I. Lewis	Chemistry and Public Affairs
Lydia E.M. Hines	Community Activities
Michael Sheets	Community Activities
Anne K. Taylor	Community Activities
Terrence J. Collins	Environmental Improvement
Larry P. Koskan	Environmental Improvement
Beth Fitzsimmons	Patents and Related Matters
Andrew G. Gilicinski	Patents and Related Matters
Joel I. Shulman	Professional Training
George S. Wilson	Professional Training
Kevin P. Gable	Publications
Allan M. Ford	Public Relations and Communications
Jody A. Kocsis	Women Chemists
R. Daniel Libby	Women Chemists
Ian F. Thorpe	Younger Chemists
Cherlynlavaughn Bradley	Committees
Bonnie Lawlor	Council Policy
Peter C. Jurs	Nominations and Elections

2. The following committee chairs have served the statutory limit on the committee they chair:

William R. Oliver	Meetings and Expositions
Laurence J. Doemeny	Chemical Safety
David J. Chesney	Ethics
Joshua J. Pak	Project SEED
Judith A. Summers-Gates	Chemists with Disabilities
Martin A. Abraham	Environmental Improvement
Allison Aldridge	Minority Affairs
Cynthia K. Larive	Professional Training
Kevin P. Gable	Publications
Les W. McQuire	Committees

## 3. Recognition of Council members for years of service on the ACS Council:

**Fifteen (15) Years**

J. Phillip Bays	St. Joseph Valley	(1997-2011)
James E. Duddey	Akron	(1993-2001; 2006-2011)
Lissa Dulany	Georgia	(1997-2011)
Kevin J. Edgar	Cellulose & Renewable Materials	(2008-2011)
	Northeast Tennessee	(1997-2007)
Alan W. Elzerman	Environmental Chemistry	(1997-2011)
John W. Finley	Agricultural & Food Chemistry	(1997-2011)
Joseph A. Heppert	Wakarusa Valley	(1997-2011)
Wayne E. Jones	Binghamton	(1997-2011)
Ieva L. Reich	Wisconsin	(1997-2011)
Terrill D. Smith	Oklahoma	(2009-2011)
	San Antonio	(1990-2001)
Peter Zarras	Mojave Desert	(1997-2011)

**Twenty (20) Years**

V. Dean Adams	Environmental	(1992-2011)
Fran K. Kravitz	Chicago	(1992-2011)
Bonnie Lawlor	Chemical Information	(1992-2011)
Arthur E. Marcinkowsky	Kanawha Valley	(1992-2011)
Richard A. Palmer	North Carolina	(1992-2011)
Peter J. Stang	Salt Lake	(1993-2011)
	Organic Chemistry	(1992-1993)

**Twenty-Five (25) Years**

Dwight W. Chasar	Cleveland	(1987-2011)
Mamie W. Moy	Greater Houston	(1989-2011; 1982-1983)
Maurice R. Smith	Chattanooga	(1987-2011)

**Thirty (30) Years**

Jeannette E. Brown	North Jersey	(2005-2011; 1982-2003)
	Bylaw	(2004)
Stan S. Hall	North Jersey	(1982-2011)
E. Ann Nalley	Ex Officio	(2005-2011; 1997-2003)
	Wichita Falls-Duncan	(1981-1997)
Eli M. Pearce	Ex Officio	(1999-2011)
	Polymer Chemistry	(1982-1998)
Kent J. Voorhees	Ex Officio	(2004-2011)
	Colorado	(1982-2003)

**Thirty-Five (35) Years**

Helen M. Free	Ex Officio	(1992-2011; 1988-1990; 1983-1985)
	St. Joseph Valley	(1974-1982)
Paul H.L. Walter	Ex Officio	(1991-2011)
	Eastern New York	(1977-1990)
John A. Whittle	Sabine-Neches	(1977-2011)

**Forty (40) Years**

Mary L. Good	Ex Officio	(1986-2011; 1972-1980)
	Louisiana	(1967-1971)

## REPORT OF THE COMMITTEE ON NOMINATIONS AND ELECTIONS

During the spring meeting in Anaheim, the Committee on Nominations and Elections (N&E) developed slates of potential candidates for election to the Council Policy Committee (CPC) and the Committee on Committees (ConC) for 2012-2014. Information about the elections and the candidates appears under Item IV of this agenda book. During the Council meeting, N&E will announce the names of the candidates for the three Elected Committees, and their photos will be projected on screen to assist Councilors with name recognition when announced prior to voting.

On Sunday evening, August 28, N&E will sponsor a Town Hall Meeting with candidates running for the Board of Directors as Directors-at-Large 2012-2014. This forum will facilitate communication among candidates, Councilors and Members using a moderated question and answer format. The forum begins at 4:45 p.m. in the Hyatt Regency Convention Center, and ends at 5:45 p.m., so that members can attend Caucuses or other scheduled meetings. On Tuesday, August 29, you can meet the candidates for ACS President-Elect at the ACS Exposition from 2:00–4:00 p.m. at the Colorado Convention Center in Halls A & F.

While in executive session, the committee will develop slates of potential candidates for President-Elect, 2013; Directors-at-Large, 2013-2015; and Directors, Districts I and V, 2013-2015.

As in the past, N&E is always pleased to receive suggestions from Councilors of qualified members as potential candidates for all elected ACS offices - please let us hear from you. We will have a staffed N&E table at the rear of the Council meeting room, as well as an open meeting on Monday, August 31, from 11:00 a.m. - 12:00 noon, to receive your suggestions or hear your concerns. As an alternative means of communication with N&E, please visit the ACS Web Site at <http://www.acs.org/>; under “Governance” click on “Committees” and then select “Nominations & Elections.”

William H. (Jack) Breazeale, Jr., Chair

Jeannette E. Brown  
Martha L. Casey  
Dwight W. Chasar  
D. Richard Cobb  
Milagros Delgado  
Lissa Dulany  
Kevin J. Edgar

Catherine C. Fenselau  
Peter C. Jurs  
Robert A. Pribush  
Sharon P. Shoemaker  
Ellen B. Stechel  
Andrea B. Twiss-Brooks  
Angela K. Wilson

Staff Liaison: Flint H. Lewis



REPORT OF THE COMMITTEE ON BUDGET AND FINANCE

The Society Committee on Budget and Finance (B&F) met on Saturday, March 26, 2011, to review the Society's 2010 financial performance. The Society ended 2010 with a net contribution from operations of \$23.8 million, on revenues of \$463.7 million and expenses of \$439.9 million. This was \$11.9 million favorable to the Approved Budget. After including the results of the Member Insurance Program and New Ventures, the Society's overall net contribution for 2010 was \$24.5 million, which was \$13.6 million favorable to the Approved Budget. In addition, the Society ended the year in compliance with four of the five Board-established financial guidelines. The ratio improved relative to 2009 but remained below the low end of the established range.

In other actions, the committee elected Dr. Robert Lichter as Vice Chair of the committee, and voted to recommend to Council that dues for 2012 be set at the fully escalated rate of \$148. In addition, the committee received a report from its Subcommittee on Financial Impacts of Constitution and Bylaw Amendments on one petition slated for consideration, the *Petition on Position Statements*. Reports were also received from the Subcommittee on Communications on the activities of the subcommittee; the Subcommittee on Program Funding Requests, on the schedule and process to be followed for 2012 New Program Funding, Expansion and Program Reauthorization Requests; the Subcommittee on Committee Budgets, on its draft charge and work plan for 2011; and from the Program Review Advisory Group (PRAG) on its planned activities in 2011.

Pat N. Confalone, Chair

Ronald D. Archer  
Arindam Bose  
Dennis Chamot  
Maureen G. Chan  
Bonnie A. Charpentier  
John B. Covington  
Arlene A. Garrison  
Sharon L. Haynie

Michael Jaffe  
Paul W. Jagodzinski  
Neil D. Jespersen  
Madeleine M. Joullié  
Thomas H. Lane  
Robert L. Lichter  
Anne T. O'Brien  
Diane G. Schmidt  
Joseph P. Stoner

Associates

Martin L. Gorbaty  
Joseph A. Heppert

Cheryl A. Martin  
Kristin M. Omberg

Consultant

John R. Wiesenfeld

Staff Liaison: Brian A. Bernstein

## REPORT OF THE COMMITTEE ON EDUCATION

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

A joint SOCED-CPT Task Force continues to examine the implications of the Association of American Medical Colleges-Howard Hughes Medical Institute report *Scientific Foundations for Future Physicians*. Task Force members are gathering information on innovative programs that may be relevant to the recommendations in the report.

A joint SOCED/Division of Chemical Education Task Force has been formed to explore the formation of a chemistry teachers' organization affiliated with ACS. This initiative is in response to a recommendation from the Board-Presidential Task Force on Education and a survey of high school chemistry teachers.

The U.S. will be represented at the 43<sup>rd</sup> International Chemistry Olympiad in Ankara, Turkey, by Konstantin Borisov (Pittsburgh Local Section), Tayyab Shah (Binghamton Local Section), Elmer Tan (North Jersey Local Section), and Joe Tung (Southern California Local Section).

ACS hosted on June 6-7 a workshop, sponsored by the National Science Foundation, which convened chemistry and physics faculty members currently active in teacher preparation to consider the role of the chemistry community in addressing the issue of high school chemistry teacher preparation. Workshop outcomes will guide the formation of an ACS-led initiative in chemistry teacher preparation - the Chemistry Teacher Education Coalition, which will be modeled after the very successful Physics Teacher Education Coalition.

The Office of Graduate Education (OGE) is working with an external consultant to develop a survey of graduate students that will launch in the Fall. Supported by the Alfred P. Sloan Foundation, the survey is designed to assess the graduate student experience from the student perspective and will help identify ways in which chemistry departments and the ACS can enhance the retention, socialization, and career preparation of graduate students. OGE is also organizing in Denver a Postdoc to Faculty Workshop, which will engage approximately 40 postdocs in exploring the academic hiring process, faculty expectations at different types of institutions, and interactive teaching models.

The Summer School on Green Chemistry and Sustainable Energy (a joint effort between the Education Division and the ACS Green Chemistry Institute) was held June 26-July 3 at McGill University in Montréal, Québec, Canada. The primary sponsor of the 2011 program, which engaged 54 participants, was the ACS Petroleum Research Fund.

Mary K. Carroll, Chair

### Members

Iona Black  
Simon G. Bott  
Mary K. Carroll  
John V. Clevenger  
Deborah H. Cook

Melanie M. Cooper  
Morton Z. Hoffman  
Andrew D. Jorgensen  
Diane Krone  
Thomas H. Lane

Joan A. Laredo-Liddell  
Ieva Reich  
Barbara P. Sitzman  
Thomas W. Smith  
Donald J. Wink

### Associates

Charles M. Baldwin  
Richard C. Bauer  
Steven A. Fleming  
Melissa D. Hellman  
Thomas B. Higgins

Malika Jeffries-El  
Robert J. Levis  
Patricia A. Mabrouk  
Jennifer B. Nielson

Martin D. Perry  
Susan M. Shih  
Kristine S. Smetana  
Darrell Watson

Consultants  
Bryan Balazs  
Gregory A. Petsko

Staff Liaison: Mary Kirchhoff

## REPORT OF THE COMMITTEE ON SCIENCE

The ACS Committee on Science (ComSci) continues to advance its central initiative over the past two years—the Alternative Energy Systems project. The alternative energy initiative has several dimensions, including science & technology, education, and policy. The scientific component is focused on four areas: hydrogen, solar, biofuels, and nuclear energy. Following a well-attended session on hydrogen in Boston, ComSci organized two successful forums at the Anaheim national meeting on solar and nuclear energy—which were also recorded for online viewing following the meeting. Also, planning is underway for a symposium on biofuels. Regarding education, a special multidisciplinary symposium was held at the Anaheim national meeting on community college approaches to renewable energy. Finally, as part of the International Year of Chemistry celebration, ComSci is also organizing an alternative energy forum at the IUPAC meeting in August in Puerto Rico.

ComSci has used symposia as just one of the tools to gather and communicate information about the alternative energy initiative, and we are now preparing for dissemination of information through multiple platforms. These platforms include posting overview documents and meeting content on the web, as well as review papers for journals. For example, ComSci is developing a special segment on nuclear energy as part of an upcoming issue of the ACS Industrial and Engineering Chemistry journal.

A second major cross-cutting issue being developed by ComSci is the STEM education to innovation and entrepreneurship initiative, which focuses on how we can better prepare the next generation of scientists for discovery and entrepreneurship. A kickoff symposium was held at the Anaheim national meeting on this issue, which generated significant discussion.

Regarding public policy, ComSci is currently reviewing ACS position statements on sustainability and scientific integrity, and continues to work on developing energy policy recommendations. ComSci is also revamping its website, which will be an important platform for disseminating information. The Committee will interface with other relevant parts of acs.org as it completes this overhaul.

Following approval from the ACS Board, ComSci worked to submit a nomination in April on behalf of the Society for the Presidential National Medal of Science. This medal is considered the nation's highest honor for scientists and engineers. The Committee also submitted a nomination for an ACS Fellow.

Finally, consistent with its mission, ComSci continues to explore several emerging scientific and education issues in connection with its current effort to develop a new strategic plan by September. This plan will be critical in providing a blueprint for future key directions.

Sadiq Shah, Chair

Spiro Alexandratos  
Christopher J. Bannochie  
Michael R. Berman  
Mark C. Cesa  
Mukund S. Chorghade  
Alan D. English  
Victoria Finkenstadt  
John W. Finley

Katherine C. Glasgow  
Susan Kauzlarich  
Barbara E. Moriarty  
Tina M. Nenoff  
James K. Rice  
Hessy L. Taft  
Robert A. Volkmann  
Robert C. Wingfield

### Associates

Helen M. Free  
Jennifer Stowell Laurence

Gloria Thomas  
Ralph A. Wheeler

### Consultant

Paul W. Jennings

Staff Liaison: Brian Dougherty

## **How can ACS best cultivate a culture of safety in U.S. universities and colleges?**

### **Strengthening the Safety Culture in Academic Laboratories**

Devastating incidents in academic laboratories and observations by many that graduates do not have strong safety skills have elevated concerns about the safety culture in academia. Calls for changes in the academic safety educational process and in the academic safety culture are becoming increasingly vocal.

At the 2011 ACS National Meeting in Anaheim, the Committee on Chemical Safety (CCS) launched an effort to identify ways to assist academia in strengthening and building strong safety cultures. CCS' Subcommittee on Partnerships undertook this effort by collaborating with other ACS organizations that have strong interests in this area. In June 2011 the Safety Culture Task Force (SCTF) held a retreat to discuss and begin efforts to prepare publications that might assist academia in strengthening its safety cultures. CCS partners participating in the retreat included the Society Committee on Education (SOCED), the Committee for Professional Training (CPT), and the Division of Chemical Health and Safety (CHAS). The ACS President also attended the retreat. Other ACS organizations are also likely to partner in this effort in the future.

The goal of SCTF is to develop documents that provide guidance that can help strengthen the safety culture in academia. Specifically SCTF seeks to identify the best elements and best practices of a good safety culture, identify academic institutions that are currently using these best practices (the "Bright Spots"), identify specific recommendations that could be used by universities and colleges to strengthen their safety culture, and identify tools and resources that could be beneficial in these efforts.

In the June retreat SCTF began to identify elements that are critical in strengthening safety cultures:

- Leadership
- Teaching basic laboratory and chemical safety (shop safety included)
- Safety ethic/attitude/safety awareness
- Learning lessons from laboratory incidents
- Collaborative interactions
- Promoting and communicating safety
- Encouraging institutional support of safety by budgeting for safety programs and supplies

SCTF considered several ideas addressing these elements and best practices including:

- Leadership – Identify the chain of command/authority within the academic institution and seek strong safety policies and support from the top down – identify leaders, and inform leaders of the issues. Include safety as an element in all faculty/ staff performance evaluations. Identify major points in a form letter to be sent to the principal administrator. Identify a model safety policy. Seek administration support and commitment of funding resources. Identify "Bright Spots" – these could be recipients of the CHAS/NIOSH College and University Health and Safety Award. Examine the ACS Chemist Code of Conduct and ACS Academic Professional Guidelines. Identify organizations that can provide evaluations of your institution's safety program. Partner with other departments to assist in developing and teaching safety and ethics.

- Teaching basic laboratory and chemical safety – Identify safety topics that could be taught to undergraduates in each and every laboratory session. Assess safety skills by testing knowledge of safety frequently. Ensure all faculty and staff overseeing laboratory operations have safety education. Consider a Capstone course/examination to demonstrate proficiency in safety, especially for teaching assistants and laboratory coordinators. Consider a laboratory safety course for all graduate students. Identify resources and instructional materials for developing and implementing safety lessons. Reexamine CPT resources for evaluating safety skills, safety equipment in facilities, and safety programs at colleges and universities. Provide an ACS Chemist Standard for safety (there is already an ACS Technician Standard for safety – two year program).
- Safety ethic/attitude/safety awareness – Teach safety lessons throughout the entire four-year undergraduate program. Students should learn about ethics, including focus on attitude and responsibilities for safety – these ethics should be integrated into the educational process. Provide a Capstone course on ethics. Hold an open forum to get ideas/suggestions from the academic community about how to improve safety education and safety culture in academia. Identify resources for faculty/staff about safety. Ensure that all faculty, lab coordinators, instructors, and teachers take a comprehensive course on lab safety. Each organization should do a “consumer reports” type of evaluation of their safety program. Hold periodic safety seminars or discussions of incidents with undergraduates doing research, graduate students, faculty, and staff.
- Learning lessons from incidents – Develop and maintain a system for reporting all incidents and near misses – set timeline for expected reporting (such as 48 hours). Maintain a data base of all incidents/near misses. Analyze incidents and seek to learn lessons from incidents/near misses that can be used for preventing future incidents – do not seek to fix blame or assess penalties. Use these as training tool. Discuss these in safety meetings and safety seminars.
- Collaborative interactions – Faculty and staff should partner with Environmental, Health, and Safety (EHS) staff – avoid adversarial roles. Build trust and be useful and understanding about safety issues between faculty and staff and EHS staff – recognize that faculty and staff may not be experts in safety and EHS personnel may not be experts in chemistry. Identify a faculty liaison with EHS and fund or support their development in safety. Establish an active safety committee with faculty and staff, EHS staff, undergraduate students, and graduate students. Develop recommendations with assistance from EHS staff. Faculty and staff and/or health and safety professionals should inspect lab facilities annually or more often.
- Promoting/communicating safety – Identify appropriate signage and posters. Develop a safety newsletter. Recognize colleagues for doing a good job in safety. Have Safety Day celebrations (could incorporate with other celebrations). Establish a procedure for soliciting suggestions for improving safety and identifying safety issues and problems.
- Budgeting for safety – Establish a budget for safety – not an ad hoc response to problems. Solicit support from the administration for permanent safety funding for the chemistry department.

The Safety Culture Task Force seeks: 1) input, suggestions, and recommendations for strengthening the safety culture in academia; 2) “bright spots” – those places within academia that provide exemplary examples of one or more of these safety culture elements; 3) good resources and instructional materials that can be used to build strong safety cultures. Send your comments and suggestions to Marta Gmurczyk, ACS Staff Liaison to the Committee on Chemical Safety at [M\\_Gmurczyk@acs.org](mailto:M_Gmurczyk@acs.org).

## REPORT OF THE COMMITTEE ON MEMBERSHIP AFFAIRS

The Committee on Membership Affairs (MAC) continues to work with all interested groups within the Society to identify new opportunities to attract and retain members.

### **Petition on Market Data Collection**

As reported in Anaheim, the committee is pursuing a phased approach to the recommendations of the Board-Presidential Task Force on Society Services and Associated Dues Pricing Models. The first phase is to propose a change in the process by which the Society has historically made decisions around membership category and dues bylaws. In keeping with our status as a professional society and our training in the scientific method, MAC is proposing that we conduct tests to gather data before the Society changes benefits, dues, or membership categories. Since our bylaws have been interpreted to preclude such testing in some circumstances, the committee worked with the Committee on Constitution and Bylaws (C&B) to develop a petition to change the bylaws for this purpose. The resulting Petition on Market Data Collection is included in the agenda book for the Denver national meeting of the Council.

It is important to note that the current petition will not make permanent changes in ACS Member dues, benefits, or categories. If approved, this petition would only authorize MAC to conduct controlled testing of proposals and determine the likely success of new offers. The data collected then would be available and could be provided to the Council as is related to decisions about permanent bylaw changes. Any new membership or special dues categories will continue to be submitted to the Council for consideration and approval via the bylaw petition process just as they are now; this will not change.

**MAC invites all interested Councilors and Members to join the committee for discussion, questions, and answers about the Petition on Market Data Collection during the MAC Open Meeting, Monday, August 29, 1:00 – 2:00 p.m. in the Hyatt Regency Denver Convention Center.**

### **Recruitment and Admissions Subcommittee**

This subcommittee has been leading the petition effort. In addition, it is working with staff on a new version of the **Online Membership Application** and **gift memberships**.

### **Categories and Dues Subcommittee**

The subcommittee continues to collaborate with the Society Committee on Education (SOCED) in discussions about ACS **benefits and services to high school teachers**. SOCED has already appointed a subcommittee on the topic that is comprised predominantly of high school teachers. Diane Krone, who serves on both MAC and SOCED, is a member of the subcommittee on high school teachers.

MAC has requested that another member of MAC who is also on the Categories and Dues Subcommittee be appointed by SOCED to the Subcommittee on High School Teachers. MAC is exploring a wide range of new benefit possibilities for high school teachers including a bundled offering of membership and the *Journal of Chemical Education*; certification; continuing education; leadership development; or an affiliate membership status.

The subcommittee also requested additional information from the Budget & Finance Committee to inform its **review of the Consumer Price Index for Urban Wage Earners and Clerical Workers, Service Category, (CPI-W)**. The other possible Consumer Price Index choice is the CPI for All Urban Consumers (CPI-U) as the basis for the calculation of the ACS Member dues escalator.

### **Retention, Benefits and Services Subcommittee**

The subcommittee is working with staff to collect and review the nature of the inquiries that come into the **ACS Member Services call center in Columbus, OH and will receive a report from staff in that unit at the committee's Denver meeting**. The subcommittee is also collecting data and is especially interested in Member opinions on a series of new initiatives. Several different scenarios are being

considered for possible **institutional memberships**. Also discussed was the possibility of formalizing a mechanism for employers to receive a copy of renewal notices for their employee/ACS Members **to facilitate the employers' payment of dues**.

Also under review are the overall rate at which Members respond to the **membership dues renewal notices** and the **one-year grace period given to unpaid Members**.

The subcommittee is especially interested in receiving feedback from ACS Student Member undergraduates and Regular Member graduate students on **new member benefits and potential affinity partners for students**.

#### Task Force on Member Insights

To facilitate further communication with all members, a new Task Force on Member Insights is gathering input from various select member groups across the society, as well as non-members or recently non-renewed members. A series of face-to-face focus groups will provide a forum for this activity. MAC is working with other committees and staff resources to host these focus groups by the end of 2011.

#### Wayne Jones, Chair

James Duddey  
Merle Eiss  
Jacqueline Erickson  
Mark Frishberg  
Warren Hull

Arthur Marcinkowsky  
Zaida C. Morales-Martínez  
Roger Parker  
Jason Ritchie  
Herb Silber

Paul Smith  
Ruth Tanner  
Michael L. Webb  
Peter Zarras

#### Committee Associates

Rita Boggs  
Halley Merrell

#### Consultants

George Heinze  
Diane Krone  
Luke Roberson

Staff Liaison: Debora Fillinich



**FOR ACTION**

**Petition on Position Statements**

**Bylaw XII**

**Petition**

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

**NOTE:** Articles VIII, XII and XIII below are sections from the SOCIETY's Constitution related to position statement development. Regulation III, 16, c, below deals with proposed official statements. Changes are not being proposed to these Articles or Regulations; they are included for context only.

**REVISED**

**ARTICLE VIII  
Board of Directors**

**Sec. 6.**

**VERSION**

Any statement purporting to express the position of the SOCIETY on any public matter shall require the approval of the Board of Directors to be official. Statements on public matters may be issued by any other SOCIETY body as provided in the Bylaws. (11/13/78)

**FOR**

**ARTICLE XII  
Local Sections**

**Sec. 6.**

**COUNCIL**

No Local Section or committee thereof or Local Section official acting in an official capacity shall issue any resolution or statement on public matters except as provided in the Bylaws. (11/13/78)

**ACTION**

**ARTICLE XIII  
Divisions**

**Sec. 3.**

No Division or committee thereof or Division official acting in an official capacity shall issue any resolution or statement on public matters except as provided in the Bylaws. (11/13/78)

(Cont'd)

**Regulation III, 16, c**

**REVISED**

**VERSION**

**FOR**

**COUNCIL**

**ACTION**

c. *Official SOCIETY Position Statements.* A proposed official statement on a public matter may be drafted by staff, appropriate members or units of the SOCIETY, or General Counsel, or any combination of these. Efforts shall be made by the proposing unit to have an appropriate SOCIETY unit review and approve each draft statement prior to submission to the Board for official approval, according to the mechanism described below. Input shall be sought from divisions and interested scientific organizations by the person or group drafting the statement. Statements on public matters to be issued by SOCIETY bodies must conform to the provisions of the Bylaw. The proposed statement shall be submitted to the Executive Director or designee, who shall have primary responsibility for processing the statement through the steps necessary to gain official ACS approval; copies of the proposed statement shall be sent to the Executive Director and the Secretary of the Board. (12/4/04)

Authority to review and approve statements on public matters is specifically delegated to the Committee on Public Affairs and Public Relations, although the Committee is encouraged to seek Board ratification of statements on public matters which are likely to engender public controversy or which otherwise deal with unusually sensitive matters. Any statement that is to be disseminated to members of the SOCIETY as a recommendation of the Board of Directors shall be sent to all Directors for approval prior to publication. (4/4/08)

Copies of proposed statements on public matters shall be sent to all members of the Board for comment, but the Committee shall determine whether to accept substantive change. If major changes are requested by or of the Committee, informal discussions among the Committee Chair, the authors and/or the chair of the cognizant unit(s), and staff shall be held to seek resolution of the differences of opinion. (12/4/04)

No statement on public matters shall be issued by the Committee unless approved by at least two-thirds (2/3) of the Committee members. Once approved, statements shall be issued over the signature of the President on behalf of the SOCIETY. When oral testimony is desired by any appropriate body, the order of presenters shall be the President, the Chair of the Board, and other individuals designated by the President. (6/4/05)

Statements will automatically expire three years from December 31 of the year in which they were approved unless PA&PR acts to extend them for an additional period not to exceed three years. (12/4/04)

(Cont'd)

**BYLAW XII**  
**Position Statements**

~~Any statement on a public matter to be issued by a Local Section, Division, or other SOCIETY body must adhere to the following procedure: (11/13/78)~~

**REVISED**

**~~Section 1.~~**

**VERSION**

~~Prior to issuance by a Local Section, Division, or other SOCIETY body, any proposed statement on a public matter shall be submitted to the Executive Director who will determine whether the matter is of national import and reply within ten days of receipt. If the matter is of national import, the proposed statement shall be submitted to the Board of Directors for review and suggestions. (11/13/78)~~

**FOR**

**~~Sec. 2.~~**

**COUNCIL**

~~Should the Board of Directors fail to respond within thirty days from the date of receipt by the Executive Director of a request from a SOCIETY body for review of a proposed statement on a matter of national import, it will be assumed that the Board does not wish to comment, and the statement may be issued forthwith. If the SOCIETY body specifies to the Board of Directors the matter is urgent and should the Board of Directors not act within ten days of receipt by the Executive Director, the statement may be issued forthwith. (11/13/78)~~

**ACTION**

**~~Sec. 3.~~**

~~Unless notified within ten days by the Executive Director that the matter is of national import, such a statement may be regarded as dealing with a matter of other than national import and may be issued directly by any SOCIETY body without prior review by the Board of Directors. (11/13/78)~~

**~~Sec. 4.~~**

~~Each statement by a SOCIETY body, whether or not of national import, shall clearly show the name of the issuing body. If the statement is not supported by or supportive of an official position of the SOCIETY it shall contain a clear general disclaimer to the effect that the views asserted are those of the named, issuing SOCIETY body only, and do not necessarily represent (or are in conflict with) the official position of the SOCIETY. (11/13/78)~~

**~~Sec. 5.~~**

~~A copy of the final statement on any public matter as issued by any SOCIETY body shall be forwarded to the Executive Director at the time of issuance. (11/13/78)~~

(Cont'd)

**BYLAW XII**  
**Position Statements**

**REVISED**

Any statement on a public matter to be ~~issued~~**initiated** by a Local Section, Division, or other SOCIETY body must adhere to the following procedure:  
(11/13/78)

**Section 1.**

**VERSION**

**No SOCIETY body may issue a statement on a public matter that is in conflict with existing Board of Directors' approved policy or positions.**

**Sec. 2.**

**FOR**

**No SOCIETY body other than the Board of Directors may pre-empt the policy-making authority of another SOCIETY body, or issue a statement that is reasonably likely to impact the mission or activities of another SOCIETY body without the express, written approval of that SOCIETY body.**

**COUNCIL**

**Sec. 3.**

**ACTION**

**a. A statement on a public matter proposed by one or more SOCIETY bodies other than the Board of Directors must be submitted to the Executive Director, who will determine whether the proposed statement is in conflict with an existing Board of Directors' policy or position, pre-empts the policy-making authority of another SOCIETY body, or is reasonably likely to impact the mission or activities of another SOCIETY body. The Executive Director will acknowledge receipt of the proposed statement to the originator. If any of the aforementioned issues is found to exist by the Executive Director, the Executive Director will notify the Board of Directors of the interpretation and the Board will vote on whether to confirm the Executive Director's interpretation. The Executive Director shall send written notice to the proposing SOCIETY body or bodies of the result and basis of the final determination within forty-five calendar days after receipt of the proposed statement.**

**b. If the proposed statement is found not to pre-empt the policy-making authority of another SOCIETY body and to be without impact on or conflict with another SOCIETY body, the proposing SOCIETY body or bodies may proceed with issuance of the position statement.**

**c. Should the Executive Director determine that a proposed statement pre-empts the policy-making authority of another SOCIETY body, or is reasonably likely to impact another SOCIETY body, approval of that body shall be required before the proposed statement can be issued. The affected SOCIETY body will have thirty days from receipt of the statement to provide a written response, granting or denying its approval.**

(Cont'd)	<u>d. Should the Executive Director determine that a statement proposed by a SOCIETY body or bodies other than the Board of Directors is or will be in conflict with a Board-approved policy or position, the Board-approved policy or position has primacy. The Executive Director will notify the Board of Directors and the SOCIETY body or bodies of the conflict, and the conflicting statement must be amended to remove the conflict or be withdrawn within sixty days.</u>
REVISED	
VERSION	<u>e. A conflicting statement that has been amended will be submitted for approval and treated in the same way as a new statement.</u>
FOR	<u>f. Statements issued by a SOCIETY body or bodies other than the Board of Directors must include a clear disclaimer to the effect that the views expressed are those of the named, issuing SOCIETY body or bodies only, and do not necessarily represent the official position of the SOCIETY. Upon issuance, a copy of the statement must be filed with the Office of the Executive Director.</u>
COUNCIL	<u>g. Statements issued by a SOCIETY body or bodies other than the Board of Directors will expire no later than three years from December 31 of the year they were approved unless the SOCIETY body or bodies act to extend them for an additional period not to exceed three years. SOCIETY bodies seeking to extend statements shall notify the Executive Director for review pursuant to the provisions of this Bylaw.</u>
ACTION	<u>Sec. 4.</u>  <u>All SOCIETY bodies are subject to the SOCIETY position statement process approved by the Board of Directors as set out in the Regulations.</u>

### Explanation

The purpose of these Bylaw changes is to harmonize them with provisions in the ACS Constitution and Regulations (each cited at the beginning of this petition) both of which address position statement development and are currently, as written, in alignment.

As currently written, Bylaw XII could potentially conflict with the ACS Constitution and Regulations governing position statement development. This petition is intended to allow for a clear and consistent position development process for the SOCIETY.

This petition seeks to amend Bylaw XII so as to assure that:

- (1) The Board of Directors has sole authority in issuing position statements that establish policy for the full SOCIETY, and
- (2) SOCIETY bodies other than the Board may issue statements on issues that fall solely in their jurisdiction so long as they do not impair other SOCIETY bodies' ability to do the same.

Signed:

Martin Abraham	John Gavenonis	Wayne E. Jones, Jr.	Will Lynch
G. Bryan Balazs	Herbert Golinkin	Jason Koth	N. Bhushan Mandava
Charles E. Cannon	Martin L. Gorbaty	Larry Krannich	Attila Pavlath
Mary K. Carroll	Lynne Greenblatt	Lee H. Latimer	Don B. Weser
D. Richard Cobb	George E. Heinze	Avrom Litin	Kristin Omberg
Kevin J. Edgar	Joseph A. Heppert	David J. Lohse	

(This petition has been referred to the **\*Committee on Local Section Activities**, the Committee on Divisional Activities, the Committee on Committees, the Council Policy Committee, the SOCIETY Committee on Budget and Finance, and the Committee on Constitution and Bylaws.)

**\*Committee having primary substantive responsibility**

### **FINAL STATEMENT OF FINANCIAL IMPACT**

The Society Committee on Budget and Finance has examined this petition and concludes that it will have no impact on the finances of the Society (\$0).

### **FINAL REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS**

The Committee on Constitution and Bylaws has prepared a revised version of the petition, making editorial changes to clarify the wording and to remove wording that was not necessary, and to include additional new language from petitioners that addressed C&B's concerns.

The Committee finds the revised petition to be legal and consistent with other provisions of the Society's documents.

A two-thirds (2/3) vote of Council is required for approval of amendments to the Bylaws. If approved by Council, the amendments will become effective upon confirmation by the Board of Directors.

## REPORT OF THE COMMITTEE ON MEETINGS AND EXPOSITIONS

The Committee on Meetings and Expositions (M&E) reported that the final number of attendees for the 241<sup>st</sup> ACS National Meeting in Anaheim was 14,059. The exposition had 418 booths representing 271 companies and exceeded projected revenue.

In Anaheim, ACS made great strides in “greening” the meeting. These efforts will be continued during the fall meeting in Denver. Part of the green initiative in Denver will be to take advantage of the digital sign boards that the major hotels have available for ACS use. Using digital signs not only supports the sustainability initiative, but will save ACS thousands of dollars in printing costs. ACS events in Denver will be digitized at the Sheraton, Grand Hyatt, Denver Marriott City Center, Hyatt Regency, and Embassy Suites.

Badge holders used in Denver will be recyclable and biodegradable as part of our sustainability efforts.

In April 2011, officials at the San Francisco Convention & Visitors Bureau offered ACS a generous compensation package if we would move the 2014 fall national meeting scheduled August 24-28 to August 10-14, 2014. The compensation would save the ACS about \$380,000 in fees. With the approval of the ACS Board, and after having vetted the offer among various members regarding the impact on attendance, M&E accepted the proposal to move the 2014 meeting to August 10-14.

To collaborate on expanding expositions initiatives, an ad hoc committee was established after the meeting in Anaheim. Group participants include the chair of M&E, the M&E Expo Subcommittee chair, and the chair of DAC. Topics of discussion include: hosting product demonstrations during technical sessions; identifying collaborative sponsorships; and promoting exposition attendance.

In 2010, a total of 6 regional meetings were held which attracted more than 4,614 attendees. A total of 2,965 abstracts were presented.

William R. Oliver, Chair

V. Dean Adams  
Anthony W. Addison  
Dee Ann Casteel  
Alan B. Cooper  
William H. Daly  
Emilio X. Esposito

Kathleen Gibboney  
Stan S. Hall  
Lynn G. Hartshorn  
C. Marvin Lang  
Melanie J. Lesko  
John M. Long

Guenter Niessen  
Richard A. Palmer  
Frank Romano  
Barry B. Snider  
Frank J. Torre  
Don B. Weser  
Mark Wicholas

### Associates

Lawrence Barton  
Jetty L. Duffy-Matzner  
Robert J. Hargrove  
Martha G. Hollomon

Will E. Lynch  
N. Bhushan Mandava  
Christopher Masi  
Michael D. Mosher  
Steven W. Yates

Staff Liaison: Alan Hutchins

## REPORT OF THE COMMITTEE ON DIVISIONAL ACTIVITIES

At least once every three years, the Divisional Activities Committee (DAC) is required to bring to Council a formula for allocating dues funds to the divisions. At the Anaheim National Meeting in March, DAC recommended the same formula Council approved in 2008. This formula appeared on pages 69-70 of the Anaheim Councilor agenda book. In Anaheim, Council approved DAC's recommendation to continue applying the same formula.

DAC was briefed by staff on the introduction of a new software program, known as FORMS, that divisions and local sections are required to use to submit their annual administration and financial reports. DAC understood that a number of divisions reported dissatisfaction with FORMS. Staff acknowledged the shortcomings, and reported that many of them have already been remedied. Since the Anaheim meeting, staff has worked with the vendor to shore up remaining deficiencies. A key piece of this drive to improve FORMS included a meeting at ACS headquarters with representatives from DAC and the Local Section Activities Committee. DAC will continue to monitor this situation.

Some division officers have complained about the fall national meeting abstract submission deadlines occurring just as attendees are making their way to the spring national meeting. DAC has asked staff to provide a detailed report in Denver on why this occurs, and to include possible remedies.

As this report was being written, the probationary Division of Catalysis Science and Technology (CATL) was in the final stages of having its draft bylaws reviewed by the Committee on Constitution and Bylaws (C&B). Assuming that C&B finds the bylaws to be satisfactory, DAC plans to recommend to Council in Denver that it grant CATL full division status.

The Division of Fuel Chemistry and the Division of Petroleum Chemistry wish to combine effective year-end 2011. In June, DAC voted to support the following motion: *"The Committee on Divisional Activities recommends to Council that the Division of Petroleum Chemistry be dissolved, and that its assets and members be combined with those of the Division of Fuel Chemistry, under the new name of the Division of Energy and Fuels, effective December 31, 2011."* DAC intends to bring this motion to Council in Denver for its consideration.

DAC is working with the Committee on Meetings and Expositions (M&E) to implement the Board-approved recommendations guiding the initiative known as Electronic Dissemination of Meeting Content (EDMC).

Operating as a DAC subcommittee, the Multidisciplinary Program Planning Group has recommended to the divisions the following themes for the upcoming national meetings:

- For the Spring 2014 meeting in Dallas: "Chemistry of Power and Advanced Materials"
- For the Fall 2014 meeting in San Francisco: "Chemistry on a Crowded Planet."

John M. Pochan, Chair

Gary D. Anderson  
Bruce S. Ault  
Michael R. Berman  
Andrew Bishop  
Michael Brownfield  
J.M. (Joe) Calo

Roger Egolf  
William Greenlee  
Frederick Heineken  
Michael M. Miller  
Michael Morello  
D. Paul Rillema

Maria Santore  
Carlos Simmerling  
Julianne Smist  
Jeanette M. Van Emon  
Christopher J. Welch

Associates:

Michelle Buchanan  
Semih Eser  
Paul Henderson  
Mary Moore

Sadettin Ozturk  
Kimberly Pacheco  
Douglas Sawyer

Staff Liaison: John C. Katz



## REPORT OF THE COMMITTEE ON ECONOMIC AND PROFESSIONAL AFFAIRS

Although it officially ended in July 2009, the Great Recession continues to affect both ACS members and others in the chemical enterprise. These effects are particularly hard felt by new graduates and minority populations. Numbers regarding unemployment rates for new graduates were published in *C&EN*, following the last ACS National Meeting in Anaheim (2011 March 14 issue). The overall US unemployment rate for chemists as of March 2010 was 3.8%, while the rate for chemists identifying as white was 3.7%, African American or black 6.3%, Hispanic or Latino 4.6%, and Asian of Pacific Islander 4.3%. (There was insufficient data to report the rate for Native Americans.) The greater magnitude of unemployment in these populations highlights disparities in the chemical workforce related to race and ethnicity. The information also indicates areas of need within our community. Therefore, the members of the Committee on Economic and Professional Affairs (CEPA) appeal to each Councilor to become personally involved, and to take a leadership role in the reemployment of our fellow ACS members and future members.

Recent data shows that networking is the number one way that people find jobs, so you can help others (and yourself) by just increasing your network. A simple first step is to activate your profile in the ACS Network, and update your contact information and professional experience. You can also share your wisdom and experience answering questions for other ACS members. You can apply to be an ACS Career Consultant by visiting the ACS Careers website ([www.acs.org/careers](http://www.acs.org/careers)) and selecting the link to "Personal Career Consulting." Once you are on the page, choose the link to "Become a Career Consultant." ACS members can also help their fellow members by hosting (or starting) an ACS Job Club in your local area. As the largest professional scientific association in the world, there is no reason why we should not be the largest and most powerful professional network in the world!

As of the deadline for this report, the CEPA Executive Committee was updating their strategic plan for 2011 and beyond. Priority areas for programming, policy, advocacy, and support have been identified by the committee. A full listing can be found on the CEPA website as part of the CEPA Strategic Plan. To support job creation and entrepreneurship in chemistry, CEPA has joined forces with Corporation Associates (CA) to co-sponsor a new program funding request called the Entrepreneur Initiative. This initiative is in direct response to the recommendations made by Joseph Francisco's Presidential Task Force in Innovation in the Chemical Enterprise: New Technologies for Society; New Jobs for Chemists. The proposal includes creation of an educational program for budding entrepreneurs and a resource center for those ready to start a new chemical endeavor. CEPA and CA strongly support this proposal and are hopeful that the Board Committee on Budget and Finance will grant a favorable review.

CEPA has also directed ACS staff to make additional business and soft skills training courses available to ACS members through the ACS Center for Professional Development ([www.acs.org/professionaldevelopment](http://www.acs.org/professionaldevelopment)). Over 1,400 courses are being added into the course catalog. These courses are being added in phases, to get them online as quickly as possible. The full catalog will be available by the end of the year. Although it was necessary to raise the member price of individual courses from \$25 each to \$35 each, the price still reflects a great value for members and is heavily subsidized. Unemployed members can still buy one course and get an additional three courses for free.

Lisa Balbes, Chair

Patrick G. Barber  
John R. Berg  
Charles E. Cannon  
Jacqueline A. Erickson  
Anne M. Gaffney

Donna M. Huryn  
Theresa A. Huston  
Anne M. Kelly  
Louise Lawter  
Sonja Strah Pleyner

Ved P. Srivastava  
E. Thomas Strom  
Sharon V. Vercellotti  
Keith R. Vitense

Associates

Lawrence W. Dennis  
Diane M. Kneeland  
John L. Massingill, Jr.  
George W. Ruger

Consultants

Barry J. Streusand  
James D. Burke

Staff Liaison: David Harwell

## **DRAFT 8/2011**

### **The Chemical Professional's Code of Conduct**

The American Chemical Society expects its members to adhere to the highest ethical standards. Indeed, the Federal Charter of the Society (1937) explicitly lists among its objectives **"the improvement of the qualifications and usefulness of chemists through high standards of professional ethics, education and attainments..."** The chemical professional has obligations to the public, to colleagues, and to science.

"The Chemist's Creed," was approved by the ACS Council in 1965. The principles of The Chemist's Code of Conduct were prepared by the Council Committee on Professional Relations, approved by the Council (March 16, 1994), and replaced "The Chemist's Creed". They were adopted by the Board of Directors (June 3, 1994) for the guidance of Society members in various professional dealings, especially those involving conflicts of interest. The Chemist's Code of Conduct was updated and replaced by The Chemical Professional's Code of Conduct to better reflect the changing times and current trends of the Society in 2007. It was approved by Council on March 28, 2007 and adopted by the Board of Directors on June 2, 2007. This revision incorporates minor changes and was approved by Council on ---- and adopted by the Board of Directors on ----

#### **Chemical Professionals Acknowledge Their Responsibilities**

##### **To the Public**

Chemical professionals have a responsibility to serve the public interest and safety and to further advance the knowledge of science. They should actively be concerned with the health and safety of co-workers, consumers and the community. Public comments on scientific matters should be made with care and accuracy, without unsubstantiated, exaggerated, or premature statements.

##### **To the Science of Chemistry**

Chemical professionals should seek to advance chemical science, understand the limitations of their knowledge, and respect the truth. They should ensure that their scientific contributions, and those of their collaborators, are thorough, accurate, and unbiased in design, implementation, and presentation.

##### **To the Profession**

Chemical professionals should strive to remain current with developments in their field, share ideas and information, keep accurate and complete laboratory records, maintain integrity in all conduct and publications, and give due credit to the contributions of others. Conflicts of interest and scientific misconduct, such as fabrication, falsification, and plagiarism, are incompatible with this Code.

##### **To Their Employer**

Chemical professionals should promote and protect the legitimate interests of their employers, perform work honestly, ~~and~~ competently, comply with safety policies and procedures, fulfill obligations, and safeguard proprietary and confidential business information.

### **To Their Employees**

Chemical professionals, as employers, should ~~treat subordinates with respect for their professionalism~~ respect the professionalism of their subordinates and have concern for their well-being, without bias. Employers should provide them with a safe, congenial working environment, fair compensation, opportunities for advancement, and ~~proper acknowledgment of~~ properly acknowledge their scientific contributions.

### **To Students**

Chemical professionals should regard the tutelage of students as a trust conferred by society for the promotion of the students' learning, ~~and~~ professional development, and safety. Each student should be treated fairly, respectfully, and without exploitation.

### **To Associates Colleagues**

Chemical professionals should treat associates with respect, ~~regardless of the level of their formal education~~, encourage them, learn with them, share ideas honestly, and give credit for their contributions. Chemical professionals should carefully avoid any bias based on national origin, religion, gender, race or other personal attributes. They should show consistent respect to colleagues, regardless of the level of their formal education and whether they are from industry, government or academia, or other scientific and engineering disciplines.

### **To Their Clients**

Chemical professionals should serve clients faithfully and incorruptibly, respect confidentiality, advise honestly, and charge fairly.

### **To the Environment**

Chemical professionals should strive to ~~understand and anticipate the environmental consequences of their work. They have a responsibility to minimize pollution and to protect the environment. do their work in ways that are safe for both the environment and for the health of all who may be affected. They have a responsibility to understand the health, safety and environmental impacts of their work, to recognize the constraints of limited resources, and to develop sustainable products and processes that protect the health, safety, and prosperity of future generations.~~

## REPORT OF THE COMMITTEE ON LOCAL SECTION ACTIVITIES

The Committee on Local Section Activities continues to work with staff in developing enhancements for FORMS (Forms Online Reporting Management System). Released at the end of 2010, this system collects annual reports and will serve as a historical repository of local section activity. Of particular note with the introduction of FORMS has been a significant increase in nominations for ChemLuminary Awards. Local sections are encouraged to enter their 2011 events as they occur to simplify assembling information at the end of the year for the annual report.

LSAC is in the process of completing its review of the 2010 Local Section Annual Reports from the 187 local sections. Reviewer comments have been sent to local sections that filed their reports by the February 15<sup>th</sup> deadline. Local sections that submitted their report by February 15<sup>th</sup> should have also received their 2010 allotment. Overall, we were pleased with the amount of activity reported by the sections and look forward to receiving the details of the International Year of Chemistry celebrations that are taking place within the sections.

As announced as upcoming at the Anaheim meeting, the Committee on Local Section Activities is now partnering with the International Activities Committee to offer a limited number of \$500 mini-grants to ACS local sections who host events in their sections where international students, post-docs, and industrial chemists can showcase their research or chemical education in their homelands. Events might include poster sessions, social hours, or lectures. To apply for this grant, visit [www.acs.org/getinvolved](http://www.acs.org/getinvolved) and download the IYC Joint IAC/LSAC mini-grant applications. The submission deadline is September 1<sup>st</sup>. All events must be held prior to December 15, 2011.

LSAC continues to populate the *Online Speaker Directory* (<http://speakers.acs.org>) with speakers. We will be conducting a survey in early August to learn more about how sections are using the *Directory*.

A webinar to refresh and enhance the information from the 2011 Leadership Institute was held on May 3<sup>rd</sup>. This webinar discussed information that will assist 2011 chair-elects and other interested section leaders with preparing for 2012, particularly on grant programs from LSAC and an update on FORMS. The webinar can be downloaded from [www.acs.org/getinvolved](http://www.acs.org/getinvolved). Another webinar will be held in the fall to provide 2011 chair-elects with additional information to assist them with their year as chair. The 2012 ACS Leadership Institute will be held on January 20-22 in Fort Worth, TX. All local sections should plan to send their 2012 chair-elect to this very informative training.

Lee Latimer, Chair

David Ball  
Timothy Ballard  
Gerald Bass  
Tom Beattie  
Mitchell Bruce  
Ressano De Souza-Machado  
Lucy Eubanks

John Gavenonis  
Thomas Hays  
Ann Hunt  
Fran Kravitz  
Sarah Leibowitz  
Carol Libby  
Richard Nafshun

Martin Rudd  
Alexa Serfis  
Ernie Simpson  
Michael Singer  
Maurice Smith  
Ann Sullivan  
Stephanie Watson

### Associates

Roger Bartholomew  
Tracy Hamilton  
Al Hazari

Paul Schettler  
Kathleen Shaginaw

Staff Liaison: LaTrease E. Garrison

## REPORT OF THE COMMITTEE ON CONSTITUTION AND BYLAWS

The Committee on Constitution and Bylaws (C&B), acting for the Council, issued certified bylaws to the Division of Analytical Chemistry and to these local sections: California Los Padres, Indiana, Midland, Northeast Tennessee, Northern Oklahoma, Ole Miss, St. Louis, and Western Carolinas. Since the beginning of the year, C&B has certified 15 bylaws, compared with 16 bylaws that were certified in all of 2010. C&B also reviewed proposed bylaw amendments and submitted preliminary reports to two divisions and seven local sections.

C&B has been working with CATL (Probationary) on proposed new bylaws, should the Council approve full division status in Denver. C&B has also been working with FUEL and PETR regarding bylaws for a new combined division, if so approved by the Council in Denver.

The online version of the ACS Governing Documents (Bulletin 5), at [www.acs.org/bulletin5](http://www.acs.org/bulletin5), has been updated with regulation changes that were approved by the Board of Directors in June.

The following petition will be presented for Action at this Council meeting:

- **Petition on Position Statements** (green sheets)

The following petitions will be presented for Consideration at this meeting:

- **Petition on Market Data Collection** (yellow sheets)
- **Petition to Amend Recorded Vote Request Procedure** (yellow sheets)

Written arguments of opponents or proponents of the petitions for consideration should be submitted by **September 30** to [bylaws@acs.org](mailto:bylaws@acs.org).

New petitions to amend the Constitution and/or Bylaws must be received by the Executive Director by **December 7**, to be included in the Council agenda for the spring 2012 meeting in San Diego, CA.

For those divisions and local sections that need to update their bylaws, please request a Word document of your current bylaws and submit proposed bylaw amendments and/or questions to [bylaws@acs.org](mailto:bylaws@acs.org). Helpful information can be found at the website address given above.

ACS members are invited to attend the Committee's open meeting on Sunday, August 28, from 1:00 to 1:30 pm, at which the Committee will discuss the issues on its agenda and other matters that Councilors and other members may wish to discuss with C&B.

Harmon B. Abrahamson, Chair

Mark A. Benvenuto  
James C. Carver  
Matthew K. Chan  
Robert S. Cohen  
Donna G. Friedman

Donald K. Harriss  
Eckhard Hellmuth  
Lydia E. M. Hines  
Carolyn H. Kendrow  
Charles P. Rader

Walter O. Siegl  
Terrill D. Smith  
Steven Trohalaki  
John A. Whittle  
Doris L. Zimmerman

### Associates

Kenneth G. Brown  
Herbert S. Golinkin  
Noel H. Turner

Staff Liaison: Barbara F. Polansky

**PROPOSED NEW BYLAWS FOR THE DIVISION OF  
CATALYSIS SCIENCE AND TECHNOLOGY (PROBATIONARY)**

These bylaws will be presented to Council for action provided that Council approves the proposed recommendation from the Committee on Divisional Activities for the formation of this Division.

-----  
**\*BYLAWS OF THE  
DIVISION OF CATALYSIS SCIENCE AND TECHNOLOGY  
OF THE  
AMERICAN CHEMICAL SOCIETY**

**BYLAW I  
Name**

The name of this organization shall be the Division of Catalysis Science and Technology (hereinafter referred to as the “Division”) of the AMERICAN CHEMICAL SOCIETY (hereinafter referred to as the “SOCIETY”).

**BYLAW II  
Objects**

Section 1. The objects of the Division shall be those of the SOCIETY as stated in the Charter and Constitution of the SOCIETY and further to promote the fundamental chemical sciences of catalysis and its technological applications. This shall include the synthesis and manufacturing of catalyst materials and related products.

Section 2. Nothing in these bylaws shall be inconsistent with the Charter, Constitution, and Bylaws of the SOCIETY.

**BYLAW III  
Members and Affiliates**

Section 1. Membership in the Division shall be open to all members of the SOCIETY, including MEMBERS and STUDENT MEMBERS, who enroll in the Division and who pay the annual dues established by the Division.

---

\***Effective TBD.** Approved, as amended, by the Committee on Constitution and Bylaws, acting for the Council of the AMERICAN CHEMICAL SOCIETY. (C&B: [bylaws@acs.org](mailto:bylaws@acs.org); [www.acs.org/bulletin5](http://www.acs.org/bulletin5))

Section 2. A Society Affiliate of the SOCIETY may become a Society Affiliate of the Division provided that appropriate Division dues established for Society Affiliates are paid. A Society Affiliate shall have all the privileges of membership in the Division except those of voting for or holding an elective position of the Division, voting on bylaws and Articles of Incorporation, or serving as a voting member of the Division's Executive Committee or equivalent policy-making body.

Section 3. A person who is not a MEMBER, STUDENT MEMBER, or Society Affiliate of the SOCIETY, but who wishes to participate in the activities of the Division, may become a Division Affiliate, provided that the Executive Committee of the Division accepts the application and provided that the Division dues established for Division Affiliates are paid. A Division Affiliate shall have all the privileges of membership in the Division except those of voting for or holding an elective position, voting on bylaws and Articles of Incorporation, or serving as a member of the Division's Executive Committee or equivalent policy-making body.

Section 4. The privileges of membership in the Division shall be established by the Division's Executive Committee and may include, but are not restricted to, obtaining abstracts of national meeting papers at reduced fees, obtaining preprints of papers, and paying reduced registration fees at symposia held apart from national meetings of the SOCIETY.

Section 5. Any member, Society Affiliate, or Division Affiliate may resign from the Division by sending such notice to the Secretary of the Division during a year in which dues are paid.

Section 6. A member of the Division who is in arrears in payment of dues for one year shall be removed from the rolls. Division Affiliates and Society Affiliates of the Division shall retain affiliate status only so long as payment is made of Division dues.

Section 7. Affiliates of the Division may not represent themselves as members of the Division or members of the SOCIETY.

Section 8. Emeritus status may be granted to Members of the Division who meet all three of the following qualifications: Emeritus Members of the Division (a) must have been granted emeritus status in the SOCIETY; (b) must have maintained continuous membership in the Division for at least the last five years preceding their retirement; and (c) must request Emeritus Membership in the Division annually. Emeritus Members of the Division shall be exempt from payment of annual Division dues. They shall have all the privileges of membership of the Division consistent with their emeritus status in the SOCIETY, including voting, participating in Division activities, and receiving any Division Newsletters in electronic format free of charge.

#### **BYLAW IV**

##### **Officers and Councilors**

Section 1. The officers of the Division shall be MEMBERS of the SOCIETY and shall consist of a Chair, a Chair-Elect, a Secretary, a Treasurer, an Immediate Past Chair, and the Executive Committee Members-at-Large provided for elsewhere in these bylaws. The terms of office of the



Chair and Chair-Elect shall be one year, or until a successor is provided. The terms of office of the Secretary and Treasurer and of each Executive Committee Member-at-Large shall be two years, or until a successor is provided. The offices of Secretary and Treasurer may be held by the same person.

## Section 2. Duties of Officers

- a. The duties of the Chair shall be to preside at meetings of the Executive Committee, to carry into effect the decisions and recommendations of that Committee, to preside at business meetings of the Division, and to appoint committees, as provided elsewhere in these bylaws.
- b. The duties of the Chair-Elect shall be to serve as a member of the Program Committee and to assume the added duties of the Chair of the Division in the event of the latter's absence or inability to serve in that capacity.
- c. The duties of the Secretary shall be to keep a record of the proceedings of the Division and of the Executive Committee, to maintain a list of the members and Affiliates of the Division, to conduct the business correspondence of the Division as assigned, to distribute to members and Affiliates a record of the proceedings of each meeting of the Division, and to carry out the duties outlined in the Constitution and Bylaws of the SOCIETY.

The Secretary shall promptly transmit all reports required by the SOCIETY to the Executive Director of the SOCIETY.

The Secretary shall preserve in perpetuity approved copies of the Articles of Incorporation and bylaws of the Division and such other documents as may, from time to time, be required by the Executive Committee.

The Secretary shall oversee the filling of vacancies in Councilor and Alternate Councilor positions, according to the manner described elsewhere in these bylaws.

- d. The duties of the Treasurer shall be to serve as custodian of the funds of the Division, to collect dues and other revenues, to pay the expenses of the Division that have been authorized by the Executive Committee, to submit a report to the Division at the completion of each fiscal year, to submit to the Executive Committee at the end of each fiscal year a proposed budget for the ensuing year, to prepare for submission yearly financial reports required by the SOCIETY, and to submit required reports to the Internal Revenue Service.
- e. The Immediate Past Chair shall serve as the chair of the Nominating Committee, as described elsewhere in these bylaws, and as an ex officio member of the Executive Committee.
- f. The three Executive Committee Members-at-Large shall serve as members of the

Executive Committee, as provided elsewhere in these bylaws.

### Section 3. Election of Officers.

- a. In accordance with the SOCIETY's Bylaws, balloting procedures should ensure fair balloting that is open to all eligible members, protect against fraudulent balloting, and provide timely reporting and archiving of balloting results.
- b. The Chair-Elect, either the Secretary or the Treasurer, Executive Committee Members-at-Large, Councilors, and Alternate Councilors shall be elected by ballot prior to September 1 of each year. The Treasurer shall be elected in odd-numbered years, and the Secretary shall be elected in even-numbered years.

All elective positions shall be held by MEMBERS of the Division and MEMBERS of the SOCIETY. The Chair-Elect shall automatically take office as Chair for the ensuing year on January 1 of that year. The newly elected Chair-Elect, Secretary, and Treasurer shall also take office at the same time. Councilors and Alternate Councilors, who are elected for three-year terms as provided in the Constitution of the SOCIETY, shall take office on the January 1 following their election.

- c. Nominations shall be made as follows:
  - (1) The Secretary shall distribute a request for nominations to the members not later than March 1. Depending upon the year, these communications shall request nominations for Chair-Elect, Secretary or Treasurer, Councilors, and/or Alternate Councilors. The number of Councilors and Alternate Councilors to be elected each year shall be chosen by the Executive Committee so as to provide overlapping, three-year terms for the total number of Councilors and Alternate Councilors apportioned to the Division.
  - (2) Nominations of any Division MEMBER for the office of Chair-Elect, Secretary, Treasurer, Councilor, or Alternate Councilor, must be received by the Secretary before an announced deadline. All nominations shall be given to the Nominating Committee not later than May 1.
  - (3) The Nominating Committee shall augment the nominations received from Division members as it sees fit, in order to provide at least two nominees for Chair-Elect, one or more nominees for Secretary or Treasurer, and one or more nominees for each Councilor and Alternate Councilor to be elected. The Committee shall advise the Secretary of the names of all nominees not later than June 1.
  - (4) Incumbency in one office shall not render anyone ineligible to that or another office for the succeeding year.
- d. Election shall be by secret ballot, conducted by the Secretary, as follows:

- (1) The Secretary shall distribute to the members election ballots listing, in alphabetical order, all candidates for each office, accompanied by a brief biographical sketch of each candidate. Each voter shall thereon indicate a choice for Chair-Elect, Secretary or Treasurer, Councilor, and Alternate Councilor. The voter shall also indicate second and third choices for any office for which three or more candidates have been nominated. The ballots shall be tallied by the Tellers as described below, and the results of the election shall be announced to the membership prior to October 1.
- (2) Results of the election, whether electronic or by paper ballots, shall be determined as follows:
- (3) The Tellers shall determine the number of ballots indicating first choice for each of the candidates for Chair-Elect, Secretary or Treasurer, Councilor, and Alternate Councilor. If three or more Division MEMBERS have been nominated for an office and no individual candidate has a majority of all ballots cast, the candidate receiving the least votes shall be dropped and ballots favoring the dropped candidate shall be distributed among the other candidates according to the voters' second choices. If both the first and second choice candidate on a ballot are to be dropped, the ballot shall be counted for the third choice candidate. Should more than two candidates remain and no majority be indicated, this procedure shall be repeated successively until a single candidate receives a majority of all ballots cast. The candidates receiving a majority of votes shall be deemed elected, and the Tellers shall so report to the Chair.

#### Section 4. Terms of Office.

- a. The terms of office of the Chair and Chair-Elect shall be one year, or until a successor is provided.
- b. The terms of office of the Secretary and Treasurer and of each Executive Committee Member-at-Large shall be two years, or until a successor is provided. The offices of Secretary and Treasurer may be held by the same person. The Secretary shall be elected in even-numbered years, and the Treasurer shall be elected in odd-numbered years.
- c. The terms of office of Councilors and Alternate Councilors shall be three years, as specified by the Constitution and Bylaws of the SOCIETY.

#### Section 5. Vacancies in Offices

The Secretary shall maintain a record of the names of all nominees for Councilor and Alternate Councilor within each three-year class in an order determined by the number of votes received. A vacancy in the office of Councilor shall be filled as soon as it occurs by appointment of the Alternate Councilor who had received the most votes at the time of election, or, if that person should be unable or unwilling to serve as Councilor for the unexpired term, another Alternate Councilor shall be appointed, in order of the number of votes received.

A vacancy in the office of Alternate Councilor shall be filled with reference to the voting results in the year in which the respective Councilor or Alternate Councilor was elected. The nominee for Councilor or Alternate Councilor who received the most votes while failing to be elected in that year shall become an Alternate Councilor for the remainder of the term, and each Councilor and (or) Alternate Councilor below the resigning person shall move up one position in that class. This method of selecting replacements shall also apply when an Alternate Councilor is elected to Councilor before the expiration of the three-year term as Alternate Councilor. The Secretary shall make these replacements without further authorization.

Section 6. In the event of a vacancy in the office of Chair, the Chair-Elect shall assume the added duties of the Chair for the unexpired term. Vacancies in all other elective offices except Councilor and Alternate Councilor shall be filled by the Executive Committee by appointment of a MEMBER of the SOCIETY for the unexpired term. In the event the office of Chair-Elect is filled by appointment, the Division shall elect both a Chair and a Chair-Elect at its next annual election.

## **BYLAW V**

### **Recall of Elected Officials**

Section 1. The elected officials of the Division (officers or elected members of the Executive Committee) are subject to recall for neglect of duties or for conduct injurious to the SOCIETY. Recall procedures are not applicable to Councilors and Alternate Councilors elected by the Division.

Section 2. The recall of an official shall be initiated when a signed petition, indicating in writing the specific charges and reasonable substantiating evidence, is submitted to the Chair from at least five voting members of the Division. In the event that the Chair is the official in question, the Chair-Elect shall receive the petition and shall assume the duties of the Chair with respect to this issue until the issue is resolved.

Section 3. The Chair shall without delay determine that the petitioners are aware of the gravity of their actions and of the procedures to be followed. The Chair shall seek an alternate resolution to the problem and a withdrawal of the petition at this time. In the absence of a resolution to the problem, the Chair shall notify the members of the Executive Committee and call a special meeting of the Executive Committee within thirty days.

- a. The Executive Committee shall promptly continue the removal process, or dismiss the petition as ill-founded, or find an alternative solution to the problem. The Chair shall promptly inform the petitioners and the official of the decision of the Executive Committee.
- b. If the proceedings continue, the Chair shall assign the duties of the official to another Member of the Division until the issue is resolved.

- c. If the proceedings continue, the official shall be offered an opportunity to answer the allegations in the petition before the Executive Committee.

Every reasonable effort shall be made to contact the official throughout this procedure. That effort shall include a certified letter to the last known address of the official on the membership rolls of the SOCIETY. Upon notification, the official shall have thirty days to make a written response to the allegations. The Executive Committee shall decide whether to proceed after studying the official's response. The Chair shall inform the official and the petitioners of the decision of the Executive Committee.

If no contact can be made with the official after a reasonable effort, the Executive Committee may remove the official in question with a two-thirds (2/3) vote of the remaining Executive Committee members.

- d. If the proceedings continue, the official in question shall choose one of the following options:

- (1) The official may resign.
- (2) The official may request a recall vote in the same manner as the original election, which must be consistent with the Division bylaws. The voting membership shall be informed, through brief written statements prepared by the Executive Committee and the official, of the issues involved with the recall vote. Both statements shall be given to the voting membership before the vote is taken.
- (3) The official may request a hearing and recall vote by the remaining members of the Executive Committee. A two-thirds (2/3) vote of the remaining members of the Executive Committee shall be required to recall the official.
- (4) The official may choose not to respond and thus forfeit the position.

Section 4. The vacancy provisions of these bylaws shall be used to fill a vacancy caused by a recall process. The membership of the Division and the Executive Director of the SOCIETY shall be informed of the results of the recall process and the replacement of the official.

## **BYLAW VI**

### **Committees**

#### **Section 1. Executive Committee.**

- a. The Executive Committee shall consist of the officers of the Division, namely the Chair, Chair-Elect, Secretary, Treasurer, the Immediate Past Chair, and the Executive Committee Members-at-Large; together with the Councilors (or any Alternate Councilor serving as alternate for a Councilor during a specific meeting of the Executive

Proposed bylaws for CATL (Probationary)

Committee), the chair of the Membership Committee, the chair of the Long-Range Planning Committee, the Trustees of the Trust Fund (if applicable), the Program Secretary, the editor of the Division newsletter (if applicable), the Division Webmaster, and the Foreign Representative(s). All members of the Executive Committee are entitled to voice and vote in the deliberations of the Executive Committee. A quorum shall consist of the members of the Executive Committee who are present at a scheduled meeting of the Committee.

- b. The duties of the Executive Committee shall be to conduct all affairs of the Division not otherwise provided for in these bylaws. The Executive Committee shall hold a meeting at each meeting of the Division and prior to any business session of the Division, for the purpose of considering the business of the Division and receiving reports of the appointed committees. The chairs of the appointed committees shall be invited to attend the meeting of the Executive Committee.

The Executive Committee shall prepare a budget covering the anticipated income and expenditures of the Division for the ensuing year and shall approve any additional expenditure not therein provided for. The Executive Committee shall also fill any vacancies among the officers of the Division, other than the Chair, the Immediate Past Chair, Councilor(s), and Alternate Councilor(s), as provided elsewhere in these bylaws.

Section 2. In addition to the Executive Committee, the Division shall have the following standing committees:

Auditing Committee  
Bylaws Committee  
Committee on Nominations  
Long-Range Planning Committee  
Membership Committee  
Program Committee  
Trust Fund Committee

Except as otherwise provided in these bylaws, the Chair shall appoint the chair and members of each of these committees as soon after taking office as practicable.

Section 3. The Auditing Committee shall be responsible for auditing the financial records of the Division. It shall submit a report of its findings to the Executive Committee within six months of the close of the fiscal year for which the audit was made.

Section 4. The Committee on Nominations shall be responsible for recommending qualified Members of the Division for appropriate awards, elective positions of the SOCIETY, and committee memberships. The Committee on Nominations shall also be responsible for providing an adequate number of qualified candidates for the various elective positions within the Division, as provided elsewhere in these bylaws.

Section 5. The Long-Range Planning Committee shall be responsible for developing and continuously updating recommendations provided for the welfare and efficient functioning of the Division in future years. Special attention shall be given to areas of finance, organization, meetings, membership, programs, publications, and any others likely to have a major effect on Division affairs. The Committee shall be composed of the last three Immediate Past Chairs of the Division who are available for service in this capacity. The member who has the longest period of service on this committee shall serve as its chair and shall be an ex officio member of the Executive Committee.

Section 6. The Membership Committee has primary responsibility for enlisting new members and Affiliates in the Division and retaining the interest, participation, and membership of current members. It shall consist of a chair and at least two additional members of the Division. The chair of the Membership Committee shall be an ex officio member of the Executive Committee, and the Program Committee.

Section 7. The Program Committee shall be responsible for planning, organizing, and conducting the technical programs of the Division. This Committee shall consist of the Program Secretary appointed by the Chair of the Division, the Chair-Elect of the Division, and three members of the Division, each serving three-year terms. Terms shall be staggered so that each Chair-Elect appoints one member to this Committee.

Section 8. The Bylaws Committee shall submit to the Executive Committee the proposed set of amendments to these bylaws for its approval.

Section 9. With the approval of the Executive Committee, the Chair of the Division may appoint other *ad hoc* committees as needed to consider, conduct, and report to him/her upon such matters as may be delegated to them. With the approval of the Executive Committee, the Chair shall have the authority to dismiss any *ad hoc* committee.

## **BYLAW VII**

### **Finances**

Section 1. The fiscal year of the Division shall correspond to the calendar year.

Section 2. MEMBERS, STUDENT MEMBERS and Society Affiliates of the Division shall pay such annual dues as are decided annually by the Executive Committee.

Section 3. The annual dues of Division Affiliates and Emeritus Members shall be set by the Executive Committee in accordance with the Bylaws of the SOCIETY.

## **BYLAW VIII**

### **Trust Fund and Trust Fund Committee**

Section 1. The Division shall establish and maintain a separate fund to be called "The Catalysis



Science and Technology Division, American Chemical Society Trust Fund” (hereinafter referred to as “TRUST FUND”). The TRUST FUND shall be held as part of the Division’s overall financial portfolio. The TRUST FUND comprises amounts initially transferred from the Division’s operating funds, together with amounts added later from the Division’s operating funds, gifts, bequests, and the earnings less disbursements. Income in the TRUST FUND shall be spent to support and promote excellence in Catalysis Science and Technology through tax-exempt activities of the Division. Such activities include recognition of outstanding contributions to the catalysis science and technology literature, distinguished service to the Division, student travel grants or any such awards or activities as deemed appropriate by the Executive Committee.

Section 2. The TRUST FUND shall be administered by three Trustees of the TRUST FUND, each appointed to a three-year term. The Trustees shall constitute the TRUST FUND Committee. The incoming Chair of the Division shall appoint (or re-appoint) one Trustee with the approval of the Executive Committee. One Trustee, generally the senior-most, shall be the Lead Trustee, who shall maintain the account in consultation with other Trustees. The Treasurer of the Division shall be a fourth, non-voting, trustee. Trustees must be active participants of the Division, with knowledge of the financial needs, background and investment policies of the Division and the SOCIETY. Preferably candidates should have served as Division officers prior to being appointed as a Trustee. Trustees can be reappointed. Any Trustee may resign at any time by conveying to the other Trustees and the Chair of the Division his or her resignation.

Section 3. Trustees shall maintain accurate and detailed records of accounts and all investments, receipts and disbursements and other transactions associated with the TRUST FUND. Trustees shall make disbursements from the TRUST FUND only upon authorization of the Executive Committee or by vote of the Division membership.

- a. Since the TRUST FUND is a part of the Division’s assets, the Division Treasurer shall report its income and expenditures as part of the Division’s Annual Report to the SOCIETY and as part of the Division’s Federal Income Tax return.
- b. The Lead Trustee shall present a status report to the Division’s Executive Committee once a year at an Executive Committee meeting.

Section 4. The Trustees shall make all decisions related to investments of the TRUST FUND’s assets and earnings. Appropriate investments include, but are not limited to, certificates of deposit, corporate obligations and securities of any kind, preferred stock and investment trusts without any requirements as to diversification. The Trustees shall make investments in a manner to maintain growth in the fund with minimal risk to the principal.

## **BYLAW IX**

### **Meetings**



Section 1. The Executive Committee shall schedule at least one meeting each year, to include a technical session in accordance with the requirements of the Bylaws of the SOCIETY, to be held in conjunction with a national meeting of the SOCIETY. The Executive Committee may also schedule such additional meetings as it deems advisable.

Section 2. There shall be an annual business meeting of the Division at one of the national meetings of the SOCIETY. Division business requiring a vote of the membership shall be conducted at this meeting, or as provided elsewhere in these bylaws, or by ballot distributed to the membership. The time of the first session of the Division meeting at which business is to be transacted shall be set by the Chair and announced to the members at least two weeks in advance.

Section 3. Special meetings of the Division may be called by the Executive Committee, if notice is given to the membership at least six weeks in advance. If business is to be conducted at such a meeting, the notice of the meeting shall state the exact nature of the business to be considered, and no other business shall be transacted at such a meeting.

Section 4. At any business session of the Division, five percent of the Division or 15 members, whichever is smaller, shall constitute a quorum for the conduct of business.

Section 5. At business sessions of the Division, the order of business shall be as follows:

- Motion to approve Minutes
- Report of Executive Committee
- Report of Secretary
- Report of Treasurer
- Reports of Committees
- Miscellaneous Business

The most recent edition of *Robert's Rules of Order Newly Revised* shall be the parliamentary authority for procedural matters not covered in these bylaws or in the SOCIETY's documents.

Section 6. The fees for registration at any special meeting shall be fixed by the Executive Committee, in accordance with the Bylaws of the SOCIETY.

## **BYLAW X**

### **Presentation of Papers**

Section 1. The Executive Committee shall be responsible for the selection of papers to be presented at meetings of the Division. It may delegate this authority to a committee created for this purpose.

Section 2. The rules for presentation of papers before meetings of the Division shall be as outlined in the Bylaws and Regulations of the SOCIETY.

## **BYLAW XI**

### **Amendments**

Section 1. When the Executive Committee approves the proposed bylaw amendments, they shall then be submitted to the Division membership for approval. This must be accomplished at a business meeting of the Division held during a national meeting of the SOCIETY, and eight weeks prior notice must be given to the Division membership. A two-thirds (2/3) affirmative vote of those Division members present and voting is sufficient for approval of the amendments, provided a quorum is present. Alternatively, or failing the presence of a quorum, the vote may be taken by a ballot distributed to all members of the Division. Two-thirds (2/3) of the valid ballots returned must be affirmative for approval.

Section 2. An amendment to these bylaws, after approval by the Division, shall become effective upon approval by the Committee on Constitution and Bylaws, acting for the Council of the SOCIETY, unless a later date is specified in the amendment.

## **BYLAW XII**

### **Dissolution**

Upon dissolution of the Division, any assets of the Division remaining thereafter shall be conveyed to such organization then existent as is dedicated to objects similar to those of the Division and the AMERICAN CHEMICAL SOCIETY, or to the AMERICAN CHEMICAL SOCIETY, so long as whichever organization is selected by the governing body of the Division at the time of dissolution shall be exempt under Section 501(c)(3) of the Internal Revenue Code of 1954 as amended or under such successor provision of the Code as may be in effect at the time of the Division's dissolution.

**O R I G I N A L**  
**FOR CONSIDERATION**  
**Petition on Market Data Collection**

**Bylaw XIII**

**Petition**

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

**BYLAW XIII**  
**Finances**  
**Sec. 3**

**m. The Committee on Membership Affairs acting for Council may authorize controlled market testing of SOCIETY memberships, services and benefits, including limited special dues categories, to provide data as the basis for recommendations to the Board of Directors and the Council.**

**Explanation**

In March 2010, the ACS Board and President established the ACS Board-Presidential Task Force on Society Services and Associated Dues Pricing Models. The Task Force was charged with reviewing and making recommendations based on member input related to any concerns, questions, and/or suggestions that they had in these areas. In seeking member input, the Task Force relied on three main sources:

- Actual input from Divisions, Committees, Local Sections and individual members
- Results from the 2010 ACS Membership Satisfaction Survey and,
- Information as to why the Society loses over 20,000 members per year - almost 11.5%

Based on the findings from these sources, the Task Force proposed the following recommendations:

- Allow for test marketing of membership concepts
- Review the dues escalator
- Minimize dues category information within the Society Bylaws
- Consider permitting institutional memberships

The SOCIETY has historically changed bylaws without the benefit of test data. This petition seeks to add a provision to allow for the recommended controlled market testing to collect data before the SOCIETY changes benefits, dues, or membership categories.

Signed:

Rita R. Boggs  
Merle I. Eiss  
Jacqueline A. Erickson  
Mark D. Frishberg  
Warren D. Hull, Jr.  
Wayne E. Jones, Jr.

Jetty Duffy-Matzner  
Zaida C. Morales Martinez  
Jason E. Ritchie  
Herbert B. Silber  
Paul J. Smith  
Peter Zarras

(This petition has been referred to the **\*Committee on Membership Affairs**, Committee on Divisional Activities, Committee on Local Section Activities, 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 (C&B) has reviewed the petition and finds it to be legal and consistent with other provisions of the Society’s documents. This petition seeks to add a provision to allow for controlled market testing in order to collect data before the SOCIETY changes benefits, dues, or membership categories. However, C&B is concerned that there are no stated limits to market testing, either in scope or duration. There appears to be no precedent in the SOCIETY’s documents for allowing a Council Committee to override the Bylaws by setting dues and other member benefits without stated limits. There is also no provision to report to the Board on a yearly or other stated time period.

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. Other comments and suggestions may be directed to the Committee on Constitution and Bylaws.

Dr. Harmon B. Abrahamson  
Chair

**O R I G I N A L**

**FOR CONSIDERATION**

**Petition to Amend Recorded Vote Request Procedure**

**Bylaw III, Sec. 4, d**

**Petition**

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

**BYLAW III  
Council  
Sec. 4.**

Meetings of the Council

d. Recorded Vote

Any member of Council may call for a recorded vote on the current action before the Council, other than an election, at any time before ~~the Council has proceeded to the next item of business or recessed~~ **voting using a method from which it can be determined how each Councilor voted has commenced**. Upon approval by three-tenths (3/10) of the Councilors voting, a recorded vote shall be taken without an intervening recess, either at the close of the debate or when approved, whichever is later. The recorded vote shall be administered using a voting method from which it can be determined how each Councilor voted. The record of the vote shall appear promptly in the official organ of the SOCIETY. (9/30/10)

**Explanation**

Since March 2009, the Council has routinely used a clicker system for voting and surveys. Only numerical results have been reported; however, the computer that totals the votes can list votes by clicker number from which it can be determined how each Councilor voted.

Because the new technology can facilitate recorded votes without the need to put all business on hold while signed ballots are collected and counted, Bylaw III, Sec. 4, d was recently amended to permit clicker voting, or any other method from which it can be determined how each Councilor voted, to be used for recorded votes.

This recent change in the Bylaws raises secondary issues. Can a call for a recorded vote come after a clicker vote, and if so, should there be a second clicker vote or should the record from the first clicker vote be the one published in *Chemical and Engineering News*? Clarification is necessary.

To address this issue, the Council Policy Committee (CPC), which has the authority to set the Council's agenda and procedures (Bylaw III, Sec. 3, a, (1), (a) and (b)), issued guidelines for first use at the Spring 2011 National Meeting. The guidelines provide that "Whenever the Chair chooses a clicker vote, Councilors should be asked if there is a request for a recorded vote." The guidelines also provide that there will be only one clicker vote on any one issue. In addition at its spring 2011 meeting, CPC agreed to prepare a petition to clarify the SOCIETY Bylaws on this issue in collaboration with the Committee on Nominations and Elections and with the advice of the Committee on Constitution and Bylaws.

The proposed Bylaw change makes it clear that there will be only one recorded vote possible on any one issue. The proposed Bylaw change also makes it clear that other voting, such as a voice or show of hands vote, can precede the recorded vote. However, a call for a recorded vote after clicker voting has commenced will be out of order as would a call for a recorded vote after the initial clicker voting has taken place. A variation of the phrase "a voting method from which it shall be determined how each Councilor voted" already in this bylaw has been added to the first sentence in the bylaw. Although apparently redundant language, the first phrase clarifies procedure; the second defines a recorded vote.

Clicker voting is referenced in this explanation because it is the specific technology which has raised this issue. The more inclusive language in the proposed bylaw, "a method from which it can be determined how each Councilor voted" has been chosen to allow for other technology Council may choose in the future. Council's traditional method of signed ballots is also covered by the inclusive language should Council ever wish to return to that method for a recorded vote.

Signed:

John E. Adams	Madeleine Jacobs	Mary Virginia Orna
William H. Breazeale, Jr.	Peter C. Jurs	John M. Pochan
Dwight W. Chasar	Lee H. Latimer	Bassam Z. Shakhashiri
M. Elizabeth Derrick	Bonnie Lawlor	Eleanor D. Siebert
Ray A. Dickie	Willem R. Leenstra	
Alan M. Ehrlich	Mamie W. Moy	

(This petition has been referred to the \***Council Policy Committee**, Committee on Nominations and Elections, 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 consistent with other provisions of the Society's documents. The proposed Bylaw change provides that a call for a recorded vote after clicker voting has commenced will be out of order, as would a call for a recorded vote after the initial clicker voting has taken place. Other voting, such as a voice vote or show-of-hands vote, can precede the recorded vote.

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

Dr. Harmon B. Abrahamson  
Chair

A. Younger Chemists  
(joint with Board)

The Younger Chemists Committee (YCC) met in Anaheim, CA, on March 26-27, 2011. YCC continues to promote its vision to lead younger chemists into successful careers and active roles in ACS and the profession.

Early this year, YCC, the Divisional Activities Committee and the Local Section Activities Committee collaboratively surveyed the ACS younger chemist constituency on the perceived value technical divisions and local sections provide. A total of 2,464 survey responses were received, resulting in a 10.3% response rate. The respondents rated seven current division activity items from highest to lowest: access to job openings in division's field; networking with leaders; fellowship and training information; presenting talks or posters; collaborating with leaders; access to current events and hot-topics in field; and volunteer opportunities. The respondents also rated six current local section activity items from highest to lowest: access to job openings in local area; fellowship and training information; network with area chemists; access to current events and hot-topics in local area; sharing chemistry in the community; and volunteer opportunities.

The YCC past chair and secretary attended the European Younger Chemists Network (EYCN) conference in Poland on April 8-15, 2011. Through a partnership with the European Younger Chemists Network, the YCC has developed both a virtual and physical exchange program, with the goal of helping both US and international younger chemists make connections and build professional relationships. During the Denver national meeting, the YCC and the Denver Local Section will host a physical exchange program. Seven young chemists from Germany, Spain, Finland, Austria, and Russia will attend and present posters at the 242<sup>nd</sup> ACS National Meeting in Denver, CO.

We invite you to visit the YCC website (<http://ycc.sites.acs.org/>), which has been updated with new content and features, focusing on relevant award and career information. We have also extended our online presence to many social networks such as the ACS Network, Facebook, LinkedIn, and Twitter, to engage more young chemists. Join us!

Dorothy (Dotti) Miller, Chair

Omar Asensio  
Shanadeen Begay  
Jens Breffke  
Stephen Canham  
Christopher Ciolli  
Dionne Dickson

Doug Hausner  
Taina Matos  
Natalia Melcer  
Keri A. Moss  
Adam Myers  
Harish Parihar

Samuel Pazicni  
Luke Roberson  
Peng Tao  
Ian Thorpe  
Joelle Wells  
Uzma Zakai

Neal Abrams  
Ashley Blystone  
William Case  
Elise Fox

Associates:  
Alexander Gavrilenko  
Jennifer Larese  
Waisu Lawal  
Kathryn Leach

Christine McInnis  
Danielle Sherwood

Staff Liaison: Martha Lester



B. Women Chemists  
(joint with Board)

The Women Chemists Committee (WCC) has been focusing on the important subject of retention of women in the chemical enterprise in light of the challenging economic landscape. We are pleased to announce two new initiatives aimed at increasing retention by providing avenues for greater visibility and recognition and creating opportunities to develop new professional pathways.

The WCC has been actively pursuing opportunities for recognition of women to highlight their successes which will ultimately provide career advancement opportunities and promote retention in the chemical enterprise. In 2012, as part of our 85th Anniversary celebration, the WCC is initiating the “WCC Rising Star Award” to be given annually to ten outstanding women scientists **approaching mid-level careers** who have made significant contributions to the chemical enterprise in their respective fields of study. A symposium honoring the award winners is planned for the spring meeting in San Diego and each awardee will be highlighted on our website. Look for more details on this new award later this year.

In another exciting initiative aimed at helping women scientists develop new professional pathways, the WCC has linked with the ACS Divisions BMGT and SCHB and with the National Collegiate Inventors and Innovators Alliance (NCIIA) to become the Chemical Entrepreneurship Council (CEC), whose mission is to provide the resources and skills necessary for chemists to form sustainable businesses. The CEC is developing a vision and plans to support chemists in gaining the skills required for translating research into commercial innovations, and aid women chemists in achieving their full leadership potential. To kick off this initiative, we have been involved with the newly developed ACS Entrepreneurial Webinar Series, and co-sponsored a very successful workshop at the Northwest Regional Meeting (NORM) in June focused on the key challenges facing chemists as they start up new ventures or license/transfer technology. Plans are underway to have a similar workshop at the Southwest Regional Meeting (SWRM), sponsored with our CEC partners.

In addition to new initiatives, the WCC is proud to continue our “Women in Industry Breakfast” on Monday morning in Denver, which will focus on celebrating the accomplishments of Marie Curie as part of our IYC celebration featuring invited lecturer Hilary Domush from the Chemical Heritage Foundation. At the WCC Luncheon on Tuesday, we will present the 11th Overcoming Challenges Award and a program featuring prominent women entrepreneurs, Kathryn Hach-Darrow and Yael Webb.

The WCC strives to remain current with the needs of our constituency to be leaders in attracting, developing, promoting, and advocating for women in the chemical sciences worldwide.

Judith Cohen, Chair

Novella Bridges  
Amber Charlebois  
Christine Chow  
Kelly George  
Teri Quinn Gray

Judith Iriarte-Gross  
Ellen Keiter  
Jody Kocsis  
R. Daniel Libby  
Amy Nicely

Sara Paisner  
John Palmer  
Laura Sremaniak  
Gail Webster

Associates:

Samina Azad  
Amy DeBaillie  
Lisa Houston  
Maureen Kane  
Marsha Lambregts

Zafra Lerman  
Thomas Luther  
Inessa Miller  
Bevin Parks-Lee  
Suguna Rachakonda

Michelle Rogers  
Dawn Shaughnessy  
Kimberly Woznack

Consultant: Judith Giordan

Staff Liaison: Katherine Hoffman

### C. Technician Affairs

The Committee on Technician Affairs (CTA) works through ACS governance channels to advance the careers of analysts, operators, technicians, and other applied chemical professionals. CTA works toward three goals:

- Increase the awareness of the important contributions that chemistry-based technicians make to the national economy and to society as a whole.
- Make technicians relevant to ACS.
- Make ACS relevant to technicians.

CTA sponsored the National Chemical Technician Awards banquet on Sunday, March 27, 2011. The winner of this year's award was Bill Dellinger, Senior Technologist, R&D at The Dow Chemical Company. Mr. Dellinger is the 23rd recipient of this annual award, which is presented in recognition of outstanding technical and communication skills, safety, reliability, leadership, teamwork, publications, and presentations.

CTA is now accepting nominations for the 2012 National Chemical Technician Award. Nominations packets for 2012 nominees are due by September 30, 2011. For more information visit <http://bit.ly/IJyCn1>

CTA served as an active co-sponsor with the Applied Chemical Technology (ACTS) Subdivision of the Industrial & Engineering Chemistry (I&EC) Division for the Industrial and Engineering Chemistry Division and Undergraduates: Collaborating for the Future symposium at the Spring 2011 National Meeting.

CTA worked with ACS Webinars to host the Professional Growth Strategies for Applied Chemical Technology Professionals webinar on February 1, 2011. The webinar covered strategies for growth in a career as a Applied Chemical Technician, how to improve personal marketability and discover new opportunities.

CTA's Education Subcommittee continues to research and develop plans to produce a series of low cost on-line continuing education courses for applied-chemical-technology professionals. The Recognition and Career Progression Subcommittee discussed the administration of the Distinguished Service and Best Overall Technician Group awards, as well as potential nominees for ACS Fellows for 2011. Utilization of existing career counseling and resume writing resources within ACS will be explored by the subcommittee in order to make the chemical technology professional community aware of these tools for career enhancement.

CTA continues to seek opportunities to collaborate with other stakeholders as it strives to advance the chemical enterprise and all of its practitioners. As such, CTA remains an active participant in diversity related efforts of the Society through its participation in the newly formed Diversity and Inclusion Advisory Board.

John Barrett, Chair

Debbie Bailey  
Kenneth Chapman  
Michelle Coffman  
Thomas Dealy  
John Galitos

Edmonia Gradney  
Kristin Hayslip  
Rabin Lai  
Jackie Lovell  
Susan Marine

Donna Neal  
Gerald Nowaczek  
Allen Pinchard  
David Singleton

Associates:  
Carolyn Burnley  
Richard Partch

Consultants:  
John Engelman  
Kirk Hunter

Staff Liaison: Mark O'Brien

D. Publications  
(joint with Board)

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

The committee voted unanimously to elect Stephanie L. Brock as the JBCCP vice chair.

The monitoring reports for *Environmental Science & Technology* and *Journal of Agricultural and Food Chemistry* were presented, discussed thoroughly and accepted with thanks. Editor reappointments were reviewed and recommendations were made. The next publications to be monitored in August 2011 are *ACS Applied Materials & Interfaces*, *Bioconjugate Chemistry*, *Chemical Research in Toxicology* and *Langmuir*.

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

- Professors Gunda Georg (University of Minnesota) and Shaomeng Wang (University of Michigan) to serve as the Editors of the *Journal of Medicinal Chemistry*.
- Professor Joan F. Brennecke (University of Notre Dame) to serve as Editor of *Journal of Chemical & Engineering Data*.

Staff presented an overview of the ACS Publications Division's performance against its 2010 goals, operational and financial highlights for the year, and a preview of 2011 goals which included objectives tied to financial stability, content and services, creative collaboration, transformative technology and community. The ACS Publications Web Strategy and Sales and Marketing teams – in association with colleagues in Editorial, Production and IT – have kept ACS in the forefront of high impact, peer reviewed science and the digital publishing revolution. ACS Publication's high quality journals have never been more accessible to, or consulted more frequently by, the scientific community around the world. Launched in 2010, the *ACS Mobile* application for the iPhone, iPod Touch, and iPad was named the "Best New eProduct in Electronic Publishing" and the "Best eProduct in Physical Sciences and Mathematics" by the Association of American Publishers. The application provides researchers more options and flexibility for staying current while on-the-go with research and news published by the ACS. This marks the second time that the ACS has received the Best New eProduct award, following the 2008 award for the launch of the ACS Web Editions platform. The *ACS Mobile* is expanding its mobile application to tablet and smartphone devices with Google's Android™ operating system, announced at this national meeting.

Partnering with Washington IT, *Chemical & Engineering News* (C&EN) has also made significant progress in upgrading its technology base through the C&EN Production Automation Project. The project is a set of interrelated projects that will result in an end-to-end XML workflow, new content management and delivery platform, redesign of *C&EN Online*, and introduction of a mobile application for C&EN on multiple mobile delivery devices such as the iPhone and iPad.

The Copyright Subcommittee discussed the updated Journal Publishing Agreement released in 2010, including the most common questions raised by authors and ACS journal and editorial staff. An outreach program to educate first-time authors about copyright matters was proposed.

The Conference of Editors of ACS Publications was held in January 2011. The agenda for that meeting and an overview of the proceedings was shared with the committee. Topics included updates on operational issues and technology innovations across all aspects of the Society's publishing activities. The theme for this meeting was "Journal of the Future" which featured several speakers from the publishing industry.

The committee discussed and agreed to the use of the ACS Network as a means of private, secure communication among its members, in lieu of distribution of print materials.

The committee's Open Meeting was held in conjunction with the Committee on Chemical Abstracts Service and the ACS Division of Chemical Information (CINF) on Monday, March 28, 4:30-5:30 p.m., in room 204A in the Anaheim Convention Center.

Kevin P. Gable, Chair

Michael Apell  
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Ned D. Heindel

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Susannah L. Scott  
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### E. Project SEED

Since its inception in 1968, the Project SEED program continues to provide life-changing research experience to high school students from economically disadvantaged families. This summer, nearly 420 high school students were placed in more than 100 academic, governmental, and industrial laboratories to work under the supervision of research scientists on projects in chemistry and related sciences. According to our evaluation, Project SEED continues to serve its core constituents around the country. This outstanding program is only successful due to generous contributions from industry, academia, local sections, ACS friends and members, the ACS Petroleum Research Fund, and the Project SEED Endowment. Out of 253 high school seniors last year's participants, the Committee awarded 27 first-year college scholarships and 3 Ciba Continuing Scholarships for the 2011-2012 academic year to Project SEED alumni.

At the ChemLuminary Awards event in Denver, the Committee on Project SEED will recognize the 2010 Local Section with the Outstanding Project SEED Program. In addition, 2011 SEED students will present posters of their research at the SciMix event.

We continue to experience low reserve funding for future programs due to slow economic recovery. The committee members continue to work on strategies to increase awareness among potential donors to increase funding for the program. The committee encourages all members to continue using the dues check-off option on their ACS membership renewal to support this remarkable program.

Joshua J. Pak, Chair

Seth Y. Ablordeppey  
Sandra J. Bonetti  
Anita J. Brandolini  
Kurt F. Brandstadt  
Anna G. Cavinato

David L. Cedeño  
Ronald D. Clark  
Ingolf Gruen  
Adriane G. Ludwick  
James A. Manner

John E. Sheats  
Mark A. Thomson  
Albert N. Thompson  
Elaine Yamaguchi

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Nadia Makar  
Michael B. Moeller

Staff Liaison: Cecilia Hernandez

F. Professional Training  
(joint with Board)

At the March 2011 meeting, the Committee on Professional Training (CPT) evaluated periodic reports and updates from 45 approved programs, met in conference with eight programs applying for ACS approval, and discussed progress reports from two applicants for ACS approval. The committee voted to approve one new program. The total number of colleges and universities offering ACS-approved bachelor's degree programs in chemistry is now 664.

The committee approved an updated version of the ethics supplement to the ACS Guidelines, which is available on the CPT web pages at [www.acs.org/cpt](http://www.acs.org/cpt). The supplement on developing student skills in chemical information retrieval is being revised, and the committee is also discussing its list of recommended journals that may be used to meet the minimum requirement for ACS approval. The committee continues its collaboration with the Society Committee on Education through the two-year college task force and will be involved this year in the creation of a safety supplement in support of the guidelines documents for four-year chemistry degree programs and for two-year colleges.

Plans were finalized for two outreach meetings to be held at the ACS National Meeting in Denver: one with the volunteers who make site visits to programs applying for ACS approval and one with the chairs of PhD-granting departments. These meetings are part of CPT's ongoing efforts to hear the concerns of members of the academic community and to update them on emerging trends in education that are identified through CPT's surveys and program review activities.

The annual report of graduates for 2009-10 was approved at the spring CPT meeting and will be published later this year in *Chemical and Engineering News*. Beginning with the 2010-11 academic year, CPT will collect data on the number of graduates who were newly credentialed to teach high school chemistry or the physical sciences as part of the annual report process. A new short survey that will collect data on the practices of chemistry departments with respect to online courses was approved for inclusion in the 2010-11 annual report cycle. The committee is also developing a longer survey that will attempt to measure the impact that the 2008 ACS Guidelines have had on bachelor's degree programs in chemistry.

The committee celebrated its 75th anniversary at the ACS National Meeting in Anaheim with an open reception and a well-received symposium on the present and future of the ACS approval program. In May, committee members also gave presentations about the ACS approval program at meetings of the Council for Chemical Research and the European Chemistry and Chemical Engineering Education Network.

Cynthia K. Larive, Chair  
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Ron W. Darbeau  
Ron C. Estler  
Cornelia D. Gillyard  
Suzanne Harris  
Scott C. Hartsel  
Laura L. Kosbar

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G. Patents and Related Matters  
(joint with Board)

The Committee on Patents and Related Matters (CPRM) focuses on three main areas. First, CPRM provides ACS members and the general public with information about patents and other intellectual property issues. Second, CPRM proposes nominations of notable inventors for external national awards recognizing the innovations and inventions of chemists. Finally, CPRM monitors legislative and regulatory developments influencing intellectual property in ways that impact the chemical enterprise.

Over the past year, CPRM has begun working on updating its recommendations regarding a new policy statement on U.S. patent reform. The Society's current statement adopted the Committee's recommendations and incorporates compromise positions reflecting the diverse interests of the chemical enterprise. Among the statements goals are improving funding for the Patent and Trademark Office by preventing patent fee diversion. Our statement also advocates adopting a first-to-file patent system.

CPRM has recommended several outstanding nominees for the National Inventors' Hall of Fame and the National Medal of Technology and Innovation. In addition, CPRM recommends nominees for the National Women's Hall of Fame, the nation's oldest membership organization recognizing the achievements of great American women. Inductees are selected every two years based on their lasting contributions to society through the arts, athletics, business, education, government, humanities, philanthropy and science. CPRM is pleased to congratulate one its recommended nominees, Helen Murray Free, on her upcoming induction into the National Women's Hall of Fame.

CPRM also engages in educational outreach to help chemists and others understand the patent system. CPRM continues to partner with the Chemistry and the Law Division to provide patent-related programming at national and regional meetings. In addition, CPRM has created numerous educational materials, many of which provide guidance regarding second careers in the area of intellectual property. CPRM's materials are available on its new website.

CPRM has developed active working relationships with many governance units. If you are interested in working with us, please contact us at [Patents@acs.org](mailto:Patents@acs.org).

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#### H. Nomenclature, Terminology and Symbols

During the year the Committee focused its attention on both prior and new projects with significant progress in each. NTS continues to monitor developments in the redefinition of the SI Base Units reviewing the new redefinitions from CCU (Consultative Committee on Units). A full-time representative on the IEEE SCC 14 has been closely involved with the US representative to CCU. Through this non-SOCIETY committee the ACS has a more direct view of discussions with the most recent meeting confirming that the proposed redefinitions are waiting for revised values of the physical constants prior to submission of the proposed redefinitions to CGPM. Still, the Committee has concerns for the practice of chemistry and chemical education should these proposed redefinitions be adopted. A Comment on these redefinitions appeared in the May 30 issue of *C&EN*.

The list of nomenclature generation programs has been continuously updated and posted on the Committee's web site. Entries include general nomenclature programs typically involving a structure drawing component followed by structure-to-name capabilities and databases searched through printed or computer files containing chemical structural information. Entries have been expanded to include internet-based applications that typically do not require any additional software on the client's computer.

International Year of Chemistry activities included participation in a symposium on the topic of named physical constants. Half of the speakers were members of the Committee.

Members of the Committee continue their work on several IUPAC nomenclature committees with reports from each. The challenging task of a comprehensive revision of organic nomenclature recommendations including the rules for selecting a preferred IUPAC name (PIN, for preferred index name) and comprehensive revisions or development of nomenclature for fused and bridged ring systems, von Baeyer ring systems, spiro rings, radicals and ions, phane ring systems and fullerenes. In 2004 a draft manuscript of about 1550 pages was submitted for review. Adoption and publication will be delayed until at least 2012.

A brief review of the two most common presentations of the periodic table of the elements column classification led to no strong recommendation, although the 1 – 18 numbering was preferred.

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I. Minority Affairs  
(joint with Board)

The Committee on Minority Affairs (CMA) continues to promote diversity in ACS membership, governance and the chemistry pipeline through a variety of programs.

During the past few months, the ACS Scholars Subcommittee of CMA met to select scholarship recipients for the 2011-2012 academic year. A total of 120 scholarships were awarded thanks to the generous contributions of ACS members and corporate sponsors. These new ACS Scholars will join an outstanding group of current students and alumni who have gone on to make an impact in chemistry and the scientific community. To date 1,144 ACS Scholars have earned undergraduate degrees, and 535 have earned graduate degrees. Of those, 92 ACS Scholars now hold PhD degrees, and 12 are faculty at universities or colleges in the US. More than 170 companies employ more than 400 former ACS Scholars, and 13 Scholars are now teaching in high school programs across the country.

CMA is working jointly with ACS Publications through the Joint Board Council Committee on Publications (JBCCP) to increase the number of under-represented minority scientists on the editorial boards of ACS journals. Earlier this year, CMA identified 10 highly-qualified candidates for the position of Editor of Analytical Chemistry. The names and profiles of the candidates were submitted to staff within the Editorial Offices of ACS for consideration. CMA also recommended that the JBCCP adopt a program to educate members of the editorial selection committees about implicit bias. The ACS Awards Office, under the direction of the Board Committee on Awards and Recognition, recently adopted a similar program for Awards Selection Committees through a joint effort with the Association for Women in Science. Similar programs on implicit bias have been used successfully by program officers and grant selection committees at the National Science Foundation (NSF). Research shows that simply being aware of implicit bias can make a big difference in the selection of candidates. CMA is hopeful that the JBCCP will be as successful at implementing the training as NSF and our Awards program.

In Denver, CMA will host a ticketed luncheon featuring two successful scientists of color with disabilities. The speakers will be Keroline Simmonds and John J. Johnston, PhD, MBA. Both of these outstanding scientists have capitalized on unique skill sets which have helped rather than hindered their professional careers. CMA will also co-sponsor the symposium, "Empirical Studies on Women of Color in STEM." The symposium, which will be followed by a panel discussion, is part of the PROF program.

Lastly, CMA would like to encourage ACS Local Sections to conduct specific programming for minority scientists in their areas. These programs may qualify for a ChemLuminary Award. To clarify the selection process used for the CMA ChemLuminary, a set of five questions have been posted in the FORMS annual reporting system. The award rubric and a previously published article from Leading Together were also posted. The committee looks forward to hearing about the wonderful efforts that your section has undertaken to ensure the participation of under-represented scientists in your section activities and within the ACS.

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J. International Activities  
(joint with Board)

The IAC , through its regional subcommittees and working groups, is furthering its five areas of strategic focus in service to ACS and its members.

- (a) Fostering ACS international collaborations furthering chemistry's role in addressing global challenges;
- (b) Sustaining momentum of International Year of Chemistry beyond 2011;
- (c) Extending the Society's engagements in international education and training;
- (d) Exploring opportunities with partner societies on helping to build capacities of chemical societies in developing nations; and
- (e) Enhancing opportunities for international research and exchange of chemists at all levels in support of the ACS International Center concept.

At the 2011 ACS National Meeting in Anaheim, the ACS Committee on International Activities (IAC) convened two presidentially-supported symposia.

The ACS Committee on International Activities organized a one-day symposium entitled, *International Collaboration in the Chemical Sciences: Best Practices*. The symposium opened with a keynote from the ACS Past President and featured eight speakers addressing the questions: What makes a successful exchange? How can funding be obtained for international collaboration? What are the benefits and challenges of working internationally?

*Scientific Freedom and Human Rights in Chemistry and Related Sciences* was a one-day symposium addressing the questions, "What are the capacities, roles and responsibilities of a scientific professional society to monitor the welfare of scientists? What are the challenges to the human rights of scientists and scientific freedom?" The symposium featured a Nobel laureate, as well as the current and future presidents of the ACS. Speakers shared perspectives on the history, needs and new strategies for addressing human rights and infringements to scientific freedom. They also discussed how to extend the reach of the scientific community in the service of human rights.

In related activity and as part of its on-going commitment to leadership in human rights, IAC has developed web-based training on science and human rights and created a webinar to provide ACS members a basic primer on the conduct of human rights activity for a professional society. Our partner in the development of the webinar's form and content, Scholars at Risk, is recognized as a world leader in human rights work. Future ACS webinars on science and human rights are planned for ACS members.

Recordings of the aforementioned symposia are available at <http://www.softconference.com/ACSchem/slist.asp?C=4321> and the science and human rights webinar is at <https://communities.acs.org/videos/1118>

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### K. Ethics

During the Ethics Committee meeting in Anaheim on Sunday, March 27, 2011, the committee had an extended discussion with Bob Massie, President of ACS Chemical Abstracts Service, regarding the language used by CAS in the licensing agreements with university libraries for SciFinder Scholar. The committee expressed concern that the switch to digital content delivery that many university libraries have undertaken has precluded access to the scientific literature by non-academic users in the surrounding communities. This is because the current language in the SciFinder Scholar contract expressly allows access only by faculty, staff, and students at the subscribing institution. The committee emphasized that their concern was non-commercial use by community members. Massie understood the committee's concern and agreed to change the wording in the SciFinder Scholar license to say "non-commercial use", thus allowing for walk-in access to the chemical literature by interested community members.

The committee organized a successful symposium at Pacifichem this past December titled "Cultural Influences on Professional Ethics." From the results of a survey sent to graduate chemistry faculty, there was found to be overwhelming support for a set of professional conduct guidelines specific to chemistry that would be developed and endorsed by international chemical societies. This is a response to the perception that students and chemical professionals from different cultures have distinctly different perspectives on professional issues such as interpersonal interaction and chemical safety, among others. The Ethics Committee will be campaigning for high-level negotiations between chemical societies leading to the development of a set of universally accepted professionalism guidelines.

Ethics Education. The Ethics Education subcommittee presented several of the case studies that they had generated to the committee as a whole and solicited feedback with regard to format and delivery. The Ethics Education subcommittee is developing teaching modules for use at regional meetings. These modules will provide the tools needed for local individuals to run ethics workshops similar to those Ethics Committee members have been presenting at regional meetings in the past.

The subcommittee is partnering with the CEPA Subcommittee on Ethics to develop ethics case studies with an industrial focus.

A working group has been created to explore the feasibility of the Ethics Committee applying for NSF funding to develop video case studies specific to chemistry. The working group will report back to the committee in Denver.

Ethics Awareness. The Ethics Awareness subcommittee continues to index materials already available on the web to collate those of particular interest to ACS members and chemical professionals. The committee has a search engine in the beta testing phase on the ACS Member Network. Such a search engine would greatly facilitate the inquiries of chemical professionals regarding professional ethics. The search engine page also has an "Ask the Ethics Committee" feature. The Ethics committee will be able to receive questions from readers, moderate them prior to public posting, and provide considered comment on the issue at hand.

Programming. The Ethics Committee will be organizing a symposium for the San Diego meeting on copyright issues involving students. The focus will be on the downloading of textbooks without payment and the appropriate response by faculty, academic institutions, and the publishing industry.

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L. Community Activities  
(joint with Board)

The Committee on Community Activities (CCA) partnered with the ACS Office of the President to host an outreach event during the Anaheim national meeting at the Discovery Science Center. Members of the local sections near Anaheim, student member chapters from across the country, and other ACS members served as volunteers for this event. More than 400 people attended the event and participated in hands-on activities related to water. Nancy Jackson, ACS President, presented a Salutes to Excellence plaque to Keith Brush, Director of the Future Scientists and Engineers of America, in recognition of the role the Discovery Science Center plays to increase the interest of chemistry among young people.

CCA is spearheading outreach efforts for the Society during the International Year of Chemistry (IYC). ACS members were encouraged to celebrate the past two quarterly outreach themes: environment and energy and their participation is evidenced by web statistics, network activity, and print distribution of the Chemists Celebrating Earth Day (CCED) *Celebrating Chemistry* publication to over 62,000! Resources provided to local sections included *Celebrating Chemistry*, our hands-on, outreach publication, podcasts, “how to” activity videos, educational resources, and more.

Currently, the third quarter – materials – is being celebrated using the “Living in a Materials World.” Looking forward, the fourth quarter – health – coincides with National Chemistry Week (NCW) and will be celebrated using the theme “Chemistry – Our Health, Our Future!” A webinar was held in June to prepare coordinators for the IYC third and fourth quarter celebrations. The webinar can be viewed at [www.acs.org/outreach](http://www.acs.org/outreach).

Outreach ideas and resources for each quarter, including *Celebrating Chemistry*, are available at [www.acs.org/outreach](http://www.acs.org/outreach). Print versions of *Celebrating Chemistry* for quarters two and four are available in English and Spanish from your local section coordinator or the online store at [www.acs.org/store](http://www.acs.org/store). For more information, contact [outreach@acs.org](mailto:outreach@acs.org).

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M. Chemists with Disabilities  
(joint with Board)

The Joint Board/Council Committee on Chemists with Disabilities (CWD) has been active throughout 2011 and has promoted the full inclusion and participation of persons with disabilities in the educational pipeline and the workforce by engaging in a number of efforts including:

- 1) Serving as a core member on the NSF Broadening Participation in STEM by Underrepresented Groups Advisory Council.
- 2) Offering CWD's unique expertise to the Conference Board Working Group for Improving Employment Outcomes for Employees with Disabilities. The Conference Board is a global, independent business membership and research association working in the public interest that is funded by the Cornell IRL School and the U.S. Department of Education. Membership is comprised of HR executives, line managers, and other experts (many from Fortune 500 companies). The group is studying the significant disparities that still exist between individuals with disabilities and the rest of the American workforce, and identifying and implementing best practices for counteracting those disparities.
- 3) Proposing the addition of language to the ACS Chemical Professional's Code of Conduct to encourage diversity and discourage any form of discrimination.
- 4) Working with M&E to improve the accessibility of the online ACS Housing Bureau webpage registration process for meetings.
- 5) Disseminating information to ACS members and the general public about the significantly expanded definition of disability as promulgated by the recently enacted Americans with Disabilities Act Amendment Act.

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N. Chemical Safety  
(joint with Board)

The Committee on Chemical Safety has as its prime responsibility the encouragement of safe practices in chemical activities. The committee serves as a resource to the chemical professional in providing advice and counsel on the handling of chemicals, and seeks to ensure safe facilities, designs, and operations by calling attention to potential hazards and stimulating education in safe chemical practices. The committee fulfills this responsibility through developing and distributing publications related to its mission. In the past year, more than 20,000 copies of its authored publications were distributed to secondary schools, universities, colleges, and community colleges.

The Committee on Chemical Safety (CCS), at its meeting in Anaheim, CA, reviewed the progress of recent activities, and discussed new projects and directions for the committee. CCS has numerous publications in print, and works continuously to keep these updated. The Resources Subcommittee reviewed the final version of the *Safety in the Elementary (K-6) Science* publication that includes updated information and art. The committee also reviewed an animated “Eye Protection” presentation, which will be finalized and posted on the committee website by the Denver meeting.

The Partnerships Subcommittee discussed two projects, one titled “Safety Management in the Academic Institution: Focus on Chemistry” and the other “How to Build a Strong Safety Culture in Academia.” These projects were combined into one larger initiative to identify ways to assist academia in strengthening and building strong safety cultures. CCS’ Subcommittee on Partnerships decided to collaborate with other ACS organizations that have strong interest in this area. In June 2011, the newly created Safety Culture Task Force (SCTF) held a retreat to discuss and begin efforts to prepare publications that might assist academia in strengthening its safety cultures. CCS partners participating in the retreat included the ACS Society Committee on Education (SOCED), the Committee for Professional Training (CPT), and the Division of Chemical Health and Safety (CHA). Other ACS organizations are also likely to join this effort in the future.

The Task Force on Laboratory Chemical and Waste Management forwarded the completed manuscript of the *Handbook of Lab Waste Management* to the ACS editors. The Task Force also met to revise the CCS documents *Guide for Chemical Spill Response Planning in Laboratories*, and *Less is Better* at a retreat in Philadelphia on June 17 – 18, 2011.

Last year, we reported that members of the committee are working with a Jordanian chemist to translate the popular CCS pamphlet *Safety in the Academic Chemistry Laboratory* into Arabic. The translation is now complete and additional CCS publications are being translated into Arabic. Other countries have enquired about translating into their native language and we are working with them on these translations. Completed translations are available for downloading from the ACS/CCS publications web site at [www.acs.org/safety](http://www.acs.org/safety).

Other committee activities include:

- Publishing a statement on the death of a young undergraduate student while operating a metal lathe at the Yale University;
- Commented to the EPA on improving regulations and reducing the paperwork burden related to laboratory waste; and
- Publishing “Safety in the Academic Chemistry Laboratory Supplement: Shop Safety”.

As I complete my term as Chair of the Committee on Chemical Safety, I want to thank the committee members and the ACS Staff Liaison for all their efforts. I also want to express my disappointment on the significant number of preventable deaths and injury that occurred in academic chemistry institutions and I hope that my successors never have to confront similar tragedies. Please practice safe and responsible chemistry.

Laurence J. Doemeny, Chair

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### O. Analytical Reagents

The Committee on Analytical Reagents convenes in formal session twice annually, each October and April, at ACS Headquarters in Washington D.C. Meetings are scheduled for two days, with the first day devoted to meetings of the various subcommittees and the second day being the full committee meeting. The Committee currently consists of four subcommittees: the Organic Subcommittee; the Inorganic Subcommittee; the New Reagent Subcommittee and the Validation Subcommittee. The most recent Analytical Reagents Committee meeting was held April 13 and 14, 2011.

The Committee has undergone several recent leadership changes. Thomas Tyner has been elected Committee Co-Chair. This change was made and approved by committee vote during the October 2010 meeting. Two vacant Chair positions have now been filled: Dr. James Francis, approved by vote at the April 2011 meeting, now serves as Committee Secretary; Dr. Donald MacLean was approved by vote at the October 2011 meeting and is now Chair of the New Reagent Subcommittee.

The Committee is currently working on creation of the 11<sup>th</sup> Edition of Reagent Chemicals, where major changes will include the elimination of traditional Heavy Metal analysis and its replacement with "Inorganic Impurity Testing," which will utilize ICP/OES methodology. The 11<sup>th</sup> Edition will also see the introduction of an ACS-Grade LCMS solvent line.

The healthy sales of the 10<sup>th</sup> Edition of Reagents Chemicals demonstrate that this publication has both a domestic and international audience, with the printed and electronic editions collectively generating sales in excess of \$600,000. Based on these sales figures, the committee expects substantial demand for the 11<sup>th</sup> Edition and hopes for initial publication of the new edition to be sometime in 2013.

Paul A. Bois, Co-Chair  
Thomas Tyner, Co-Chair

Russ Cooper  
James N. Francis  
Kenneth J. Herwehe  
Jack Hubball  
Robert W. Kramer

Donald S. MacLean  
Tom J. Mancuso  
Loren C. McBride  
Rajendra V. Mehta  
John R. Moody

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