



Fall 2015 ACS National Meeting (250th) in Boston, MA

Dr. Charles Baldwin, KLACS Councilor, attended the Fall, 2015 ACS National Meeting in Boston, MA. The following is a brief summary of key actions of the [ACS Council Meeting](#) and Board of Directors Meetings at that meeting. Dr. Baldwin attended the Society Committee on Education (SOCED) meeting and serves on Subcommittee B (Higher Education). He continues to serve as the SOCED Liaison to the Committee on Chemical Safety and made significant reports to each committee. In addition to committee responsibilities, Dr. Baldwin attended the Kavli Lecture, and the Open Meeting of Board of Directors, where Professor George Whitesides delivered two inspirational and insightful lectures. Participation in the District II Caucus, the Town Hall for Director-at-Large candidates, and the Open Meeting of the Local Section Advisory Committee, and the Committee on Community Activities precede attendance at the Council meeting on Wednesday morning.

Actions of the Council

Elections

- By electronic ballot, the Council elected **Christopher J. Bannochie, Michelle V. Buchanan, Alan B. Cooper, Donna G. Friedman, and Carolyn Ribes** for a 2016-2018 term, and **Jetty Duffy-Matzner** for a two-year term, 2016-2017, on the **Committee on Committees**.

*Christopher J. Bannochie	265	Fran K. Kravitz	129
*Michelle V. Buchanan	199	Patricia A. Redden	96
*Alan B. Cooper	268	*Carolyn Ribes	260
*Jetty Duffy-Matzner	164	Sharon P. Shoemaker	106
*Donna G. Friedman	176	Julianne M. D. Smist	120
Lynn G. Hartshorn	132	Stephanie J. Watson	158

- By electronic ballot, the Council elected **Frank D. Blum, Mary K. Carroll, Lisa Houston, and Lee H. Latimer** for a 2016-2018 term on the committee on the **Council Policy Committee**.

John R. Berg	97	*Lisa Houston	178
*Frank D. Blum	259	*Lee H. Latimer	285
*Mary K. Carroll	305	Doris I. Lewis	146
Dwight W. Chasar	133	Barbara P. Sitzman	144

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- By electronic ballot, the Council elected **Mary K. (Moore) Engelman, Roland F. Hirsch, C. Marvin Lang, Les W. McQuire, and Donovan R. Porterfield** for a 2016-2018 term on the **Committee on Nominations and Elections**.

V. Dean Adams	121	*Roland F. Hirsch	203
Matthew K. Chan	187	*C. Marvin Lang	191
David A. Dixon	94	*Les W. McQuire	302
*Mary K. (Moore) Engelman	227	*Donivan R. Porterfield	220
Joseph A. Heppert	154	Ralph A. Wheeler	146

Petitions to Amend Bylaws

- The Council **VOTED** to approve the ***Petition on Preferential Voting***, contingent upon confirmation by the ACS Board of Directors.
- The Council **VOTED** to approve the ***Petition on Member Expulsion***, contingent upon confirmation by the ACS Board of Directors.

Procedures (relating to the Petitions, above)

- On the recommendation of the Committee on Nominations and Elections, the Council **VOTED** to approve the ***Balloting and Preferential Voting Procedures for Elections of President-Elect, District Directors, and Directors-at-Large***, contingent upon approval of the Petition on Preferential Voting.
- On the recommendation of the Committee on Membership Affairs, the Council **VOTED** to approve the ***Procedure for Expulsion of a Member***, contingent upon approval of the Petition on Member Expulsion.

International Chemical Sciences Chapters

- On the recommendation of the Committee on International Activities, Council **VOTED** to approve the establishment of the Australia, Brazil, Nigeria, Peru, and United Arab Emirates International Chemical Sciences Chapters, subject to confirmation by the Board of Directors.

Resolutions

- The Council passed several resolutions, including one acknowledging President Diane Grob Schmidt's service as presiding officer of the Council and expressing gratitude for her 48 years of service to the Society.

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Reports of Elected Committees (Highlights)

Nominations and Elections (N&E)

N&E announced the candidates for the fall 2015 ACS national election:

Candidates for President-Elect, 2016

- **G. Bryan Balazs**, Associate Program Leader, Lawrence Livermore National Laboratory, Livermore, CA
- **Allison A. Campbell**, Associate Laboratory Director, Pacific Northwest National Laboratory, Richland, WA

Candidates for Directors-at-Large, 2016-2018

- **Lee H. Latimer**, Head of Chemistry, NeurOp, Inc., Oakland, CA
- **Willem R. Leenstra**, Associate Professor, University of Vermont, Burlington, VT
- **Ingrid Montes**, Professor, University of Puerto Rico-Rio Piedras Campus, San Juan, PR
- **Mary Jo Ondrechen**, Professor of Chemistry and Chemical Biology, Northeastern University, Boston, MA
- **Thomas W. Smith**, Professor, Chemistry & Microsystems Engineering, School of Chemistry and Materials Science, Rochester Institute of Technology, Rochester, NY

Candidates for District I Director, 2016-2018

- **Thomas R. Gilbert**, Professor, Northeastern University, Boston, MA
- **Laura E. Pence**, Professor of Chemistry, University of Hartford, West Hartford, CT

Candidates for District V Director, 2016-2018

- **John E. Adams**, Curators' Teaching Professor, University of Missouri-Columbia, Columbia, MO
- **Kenneth P. Fivizzani**, Retired, Nalco Company, Naperville, IL

Committees (ConC)

ConC is developing its recommendations for 2016 committee chairs, members, associates, and consultant appointments for consideration by the President-Elect and the Chair of the Board of Directors.

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Council Policy (CPC)

The CPC Long-Range Planning Subcommittee was asked to review the way Local Sections and Divisions are currently represented on Council. The Task Force is examining issues that affect the Divisor formulae set out in the Bylaws; for example, how sacrosanct is the rule that twenty percent of elected Councilors shall be elected by Divisions, and eighty percent shall be elected by Local Sections? What would Council look like if the ratio were changed, for example to 70/30? Should there be more Division representation on Council and what would be the impact? Would this result in more resources for Divisions? Should a cap be placed on the number of Councilors per Local Section and Divisions to ensure more balance? What does representation look like for international members of Local sections and Divisions? Comments on these questions can be submitted to President@acs.org.

Reports of Society Committees and the Committee on Science (Highlights)

Budget and Finance (B&F)

B&F reviewed the Society's 2015 probable year-end financial projection which expects a Net Contribution from Operations of \$15.5 million, or \$2.1 million higher than the Approved Budget. Total revenues are projected at \$512.1 million, which at \$481,000 favorable is essentially on Budget. Total expenses are projected at \$496.6 million, which is \$1.6 million or 0.3% favorable to the Approved. This variance is the result of lower-than-budgeted expenses across almost all major expense categories.

Education (SOCED)

SOCED voted to approve revisions to the ACS Guidelines for Chemistry in Two-Year Colleges.

The committee voted to make the pilot program of ACS International Student Chapters a permanent feature of the student chapters program. ACS has chartered 15 International Student Chapters since the pilot launched last year.

Science (ComSci)

ComSci voted to recommend approval of the draft ACS policy statement on energy, a notably improved statement on this critical economic and environmental issue. At this meeting, the committee sponsored a roundtable discussion with leaders of Divisions, journals, and outside experts on moving advanced materials from discovery to application.

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Reports of Standing Committees (Highlights)

Divisional Activities (DAC)

DAC recently completed a review of a white paper to help Divisions identify, evaluate, and pursue international engagement opportunities; received an update on several changes to the Meeting Abstracts Programming System (MAPS); was briefed on a recently-created task force that seeks to enhance the content and functionality of the acs.org web pages that help Division and Local Section volunteers execute their volunteer duties; and voted to fund 14 Innovative Project Grants (IPG) totaling \$77,050.

The Multidisciplinary Program Planning Group is proposing the following 2018 national meeting themes to the Divisions for their consideration: *Nexus of Food, Energy and Water* (Spring/New Orleans), and *Nanotechnology* (Fall/Boston).

Local Section Activities (LSAC)

LSAC will award 20 Innovative Project Grant (IPG) grants totaling \$39,886. This brings the total for 2015 to 34 IPG awards totaling over \$75,000. Since the inception of the program, a total of 166 Local Sections have received at least one award.

The committee voted to keep the current Local Section allotment formula in place for the next three years, and developed a new process for managing the annexation of unassigned territories by multiple sections.

Membership Affairs (MAC)

MAC reported that as of July 31, the ACS membership was 156,561; 2,055 fewer than on the same date in 2014. The number of new members who have joined this year is 14,457; 147 fewer than this time last year. The Society's overall retention rate is 84%. The number of international members has increased to 25,989; 1,014 higher than in July, 2014. The international retention rate is 85%.

The committee intends to submit a petition for consideration in San Diego to permanently extend the Unemployed Member Dues Waiver Benefit period from two years to three years.

Economic and Professional Affairs (CEPA)

The committee reported that ACS ChemCensus data showed that Domestic Unemployment among ACS member chemists edged slightly upwards in the last year from 2.9% to 3.1%. Still, the current unemployment rate is lower than it was from 2009 to 2013. The ChemCensus also showed a modest

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salary increase year-over-year. For the first year since 2004, the percentage of ACS members working in manufacturing increased. These trends are mirrored by a slight decline in the percentage of members in academia. Other workforce categories remained relatively flat.

Meetings and Expositions (M&E)

M&E accepted 9,271 papers for the Boston meeting. As of the Council meeting, total attendance for the meeting was 13,888. The Exposition had 475 booths with 325 exhibiting companies. There were nearly 5500 downloads of the Boston Mobile App.

The committee established a new Operations Subcommittee, responsible for monitoring the financial success of the national meetings, monitoring compliance with the National Meeting Long Range Financial Plan and the recommendations of the 2015 Task Force on Implementing National Meeting Financial Targets.

Constitution and Bylaws (C&B)

C&B certified 14 bylaws in 2015, and has reviewed bylaws for 9 Local Sections and 2 Divisions since the spring meeting in Denver. The use of C&B's new bylaw templates and expedited bylaw process enables faster bylaw reviews than in previous years.

New petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than November 25, to be included in the Council agenda for consideration at the spring 2016 meeting in San Diego. Contact C&B at bylaws@acs.org for more information.

Reports of Other Committees (Highlights)

Chemical Safety (CCS)

CCS reported that it had been requested by the Chemical Safety Board (CSB) to assist in developing guidance with methods to recognize, assess, and control hazards in research laboratories. The CCS released its final report, "Identifying and Evaluating Hazards in Research Laboratories," in 2015. Councilors and their institutions who are engaged in research were urged to consider using this guide to help keep their laboratories safer. This report is available at www.acs.org/safety.

Chemists with Disabilities (CWD)

In June 2015, CWD held a strategic planning workshop. Accomplishments include refined mission and vision statements, as well as 4 goals and strategies to achieve these goals.

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CWD and the ACS Standard Exams Institute initiated conversations regarding collaboration to address issues such as the unavailability in Braille of ACS Standard Exams, Practice Tests and Study Guides.

Community Activities (CCA)

CCA reported that one of its most popular programs is the nation-wide Illustrated Poem Contest (IPC). Local Sections submit outstanding entries based on the theme of National Chemistry Week or Chemists Celebrate Earth Day. In the spirit of the IPC, the chair used various styles of verse to report on CCA's public outreach event held at the Boston Museum of Science, and to announce the theme of National Chemistry Week 2016, "Solving Mysteries Through Chemistry".

Ethics (ETHX)

ETHX requests that the committee be kept informed of any ethics-related activity sponsored by ACS entities such as committees, Local Sections and Divisions. ETHX will provide this information (with proper credit) to national meeting attendees. Please contact the committee staff liaison at E_slater@acs.org.

International Activities (IAC)

IAC welcomed dignitaries from our sister societies in Canada, Cuba, India, Germany, Taiwan, the UK, as well as leadership of the Organization for the Prohibition of Chemical Weapons (OPCW), the US National Academies of Science, the Iraqi Chemical Society, ACS International Chapters, and ACS International Student Chapters.

The committee approved the ACS Global Innovation Initiatives (Gii) Singapore White Paper and chose South America and Mexico for the 2017 joint ACS-Pittcon program to foster exchange and research collaboration in analytical chemistry.

Minority Affairs (CMA)

CMA focused its activities at this meeting on the 20th anniversary celebration of the ACS Scholars Program. The program has awarded more than \$17 million in scholarship assistance since 1995 to enable 2,500 talented minority students to pursue their dreams of a degree in the chemical sciences. The new Scholars Endowment Fund now has commitments of more than \$2 million.

Nominations are being sought for the Stanley C. Israel Award. Instructions for nominations can be found at www.acs.org/stan-israel-award.

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Patents and Related Matters (CPRM)

CPRM continues to monitor legislative and regulatory developments influencing intellectual property in ways that impact the chemical enterprise. The committee website is updated frequently and contains a wealth of helpful information about intellectual property matters relevant to those in the chemical enterprise.

Project SEED (SEED)

SEED announced another successful SEED program with the participation of 411 high school students. These students are currently placed in over 100 laboratories across the nation, under the supervision of over 400 volunteer scientists and coordinators in 39 states, the District of Columbia, and Puerto Rico. The committee awarded 32 first year non-renewable College Scholarships to SEED alumni in 17 states and Puerto Rico.

Public Relations and Communications (CPRC)

CPRC co-sponsored a number of events in Boston to showcase ways to increase public appreciation for chemistry: the PBS preview of “Mystery of Matter: Search for the Elements”; a symposium on the public perception of chemistry co-sponsored with *Chemical & Engineering News*, and the ACS Office of Public Affairs; ChemChamps; and Wikipedia Edit-a-thon, co-sponsored with the Division of Chemical Information.

Senior Chemists (SCC)

This meeting marked the third anniversary of the formation of the SCC at the Philadelphia National Meeting. SCC has been able to establish a number of initiatives thru its provision of mini-grants to Local Sections to sponsor senior-related activities, several of which were recognized by the initial ChemLuminary awards at Boston. A committee retreat is being planned for this fall to identify priorities that will serve the SCC constituency as well as meeting the strategic goals of the committee.

Technician Affairs (CTA)

CTA is now accepting nominations for the 2016 National Chemical Technician Award. This annual award is presented in recognition of outstanding technical and communication skills, reliability, leadership, teamwork, publications, and presentations. For more information about the award, please visit the committee website at acs.org/cta.

Younger Chemists (YCC)

The Program in a Box effort continues to grow rapidly with a 43% increase in the number of disseminated boxes between the fall 2014 and February 2015, when 181 boxes were delivered to local sections and international chapters.

At this meeting YCC participated in the 5th Younger Chemists Crossing Borders, an exchange which brings younger chemists from parts of Europe to the meeting.

YCC is currently in discussions with N&E, ACS Webinars, ACS Office of Public Affairs, and the presidential candidates about holding a roundtable webinar, “Catalyze the Vote”, where the candidates can speak to the younger constituency about their vision for the Society in the future.

Actions of the Board of Directors

The Board's Executive Session

The Board's Committees

The Board of Directors received reports from its Executive Committee, the Committee on Grants and Awards (G&A), the Society Committee on Budget and Finance (B&F), and the ACS Governing Board for Publishing.

- On the recommendation of the Committee on Grants and Awards, and of the Committee on Public Relations and Communications, the Board **VOTED** to approve a Society nominee for the National Science Board Public Service Award.
- On the recommendation of the Committee on Grants and Awards and of the Committee on Younger Chemists, the Board **VOTED** to approve a Society nominee for the 2016 Alan T. Waterman Award.
- On the recommendation of the Committee on Budget and Finance, the Board **VOTED** to approve an advance member registration fee of \$415 for national meetings held in 2016; to authorize a new program funding request for the ACS Festival Series program; and to reauthorize funding for the ACS Science Coaches program.

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The Executive Director/Chief Executive Officer's Report

The Executive Director/CEO and his direct reports updated the Board on the activities of Chemical Abstracts Service (CAS), the ACS Publications Division, and the Society's Secretary and General Counsel.

- On the recommendation of the Joint Board-Council Committee on Publications, the Board **VOTED** to reappoint an Editor-in-Chief of an ACS journal.

Other Society Business

The Board also:

- Held a discussion on strategic questions related to the health and strength of Local Sections and Divisions.
- Received reports from the Presidential Succession on their symposia and events in Boston, and planned activities for 2016.
- Approved a resolution to extend sincere congratulations to the Sociedad Química de México on the occasion of the 50th Congreso Mexicano de Química, 7-10 October 2015, in Querétaro, Querétaro México.

The Board's Regular (Open) Session

The Board held an overflow open session on Sunday, August 16, that featured George Whitesides. Professor Whitesides' topic was "Reengineering Chemistry." Following the presentation, members of the presidential succession and the Executive Director and CEO offered brief reports on their activities. (The officers provided more extensive reports on their activities and/or future plans as part of their [reports to the Council](#).)

ADDITIONAL INFORMATION

In addition to links within committee reports and elsewhere, the following is a list of URLs and email addresses presented elsewhere at the Council meeting.

Diane Grob Schmidt	d.schmidt@acs.org president@acs.org
Donna J. Nelson	djnelson@ou.edu
C&B Bylaws / Bulletin V	bylaws@acs.org www.acs.org/bulletin5
Career Navigator	www.acs.org/careernavigator
Ethics	www.acs.org/ethics e_slater@acs.org
Nominations and Elections	nomelect@acs.org
Scholars Program	www.donate.acs.org
Get Involved Stay Involved (Local Sections)	www.acs.org/getinvolved
Minority Affairs – Speakers	cma@acs.org
Stan Israel Regional Award Nominations	www.acs.org/stan-israel-award
Public Relations and Communications	www.pbs.com www.rsc.org www.acs.org/chemistryambassadors
Nanotechnology-Inspired Grand Challenges	http://www.acs.org/content/acs/en/acs-webinars/grand-challenge.html