

Official Reports from the
Denver, Colorado Meeting

The major actions taken by the ACS Board and Council during the national meeting in Denver, Colorado were reported in C&EN, **March 30, page 4**.

Reports of Society Committees

Budget and Finance

The Society Committee on Budget and Finance (B&F) met on Saturday, March 21, 2015, to review the Society's 2014 financial performance. The Society ended 2014 with a net contribution from operations of \$17.9 million, on revenues of \$499.0 million and expenses of \$481.1 million. This was \$4.2 million favorable to the 2014 Approved Budget. After including the results of the Member Insurance Program, the Society's overall net contribution for 2014 was \$17.7 million, which was \$4.6 million favorable to the Approved Budget. Unrestricted net assets declined in 2014 from \$207.0 million to \$144.7 million, due to a significant accounting charge related to the Society's postretirement benefit plans. In 2014, ACS implemented new mortality tables which incorporate increased life expectancies. The new mortality tables coupled with a decline in the discount rates used to value postretirement benefit plan liabilities necessitated the accounting charge.

In other actions, the committee elected Dr. Joseph Heppert as Vice Chair and voted to recommend to Council that dues for 2016 be set at the fully escalated rate of \$162, an increase of \$4.00 versus the 2015 dues rate. The Subcommittee on Program Funding Requests provided an update on the schedule and process to be followed for the 2016 New Program Funding and Program Funding Reauthorization Requests. The Subcommittee on Financial Impacts of Constitution & Bylaw Amendments reported on the financial impact of two bylaw petitions up for consideration at Council. The committee also received reports from the Committee on Professional and Member Relations Task Force on National Meeting and Expositions Financial Targets, and the Board Committee on Planning.

Kristin M. Omberg, Chair

Words 258

Education

The Society Committee on Education (SOCED) received an update on the new American Association of Chemistry Teachers (AACT), which launched in 2014. More than 1,900 individuals, 88 percent of whom are K-12 teachers of chemistry, have joined AACT. In January, The Dow Chemical Company was announced as the Sole Founding Partner of AACT with a gift of \$1 million. The committee discussed the merits of developing student learning outcomes for college-level general chemistry. SOCED voted to form a task force with the Division of Chemical Education to develop a process for creating performance expectations for general chemistry by Spring 2016. ACS staff provided an overview of the I-Corps L Individual Development Plan (IDP) project, which was funded by the National Science Foundation. Committee members provided input on the IDP, which is being designed to assist graduate students in the chemical sciences in understanding and achieving their career goals. An online IDP is expected to be available later this year. SOCED received an update from government affairs staff in the Office of Public Affairs (OPA) on federal and state science education policy, as well as the activities of state government affairs committees in Maryland and Tennessee. OPA is actively promoting ACS policy statements related to STEM education at the federal and state levels.

Diane Krone, Chair

Words 212

Board Committee Reports

Standing Committees

Grants and Awards

The American Chemical Society (ACS) Board of Directors (Board) Standing Committee on Grants and Awards (Committee) met virtually on March 4, 2015, and voted to recommend the following to the Board of Directors:

- a screened list of six nominees for the 2016 Priestley Medal
- a screened list of five nominees for the 2016 Award for Volunteer Service to the American Chemical Society
- upon recommendation from the Committee on Science, an ACS nominee for the 2015 National Medal of Science

The committee also voted to add the Dreyfus Prize in the Chemical Sciences to the list of external awards for which ACS nominates, subject to the Committee on Science bringing forth the nomination and subject to the approval of the nomination by the Board of Directors.

The committee voted to accept the recommendations of the ACS Division of Colloid and Surface Chemistry to change the name of the Arthur W. Adamson Award for Distinguished Service in the Advancement of Surface Chemistry to the ACS Award in Surface Chemistry to address the overlap in selection criteria with the ACS Award in Colloid and Surface Chemistry, lack of funding, and low number of nominees.

The committee voted to approve the following statements of purpose and eligibility for the ACS Award in Surface Chemistry: Purpose: To recognize distinguished services in the advancement of surface chemistry. Eligibility: A nominee must have demonstrated extensive contributions to the advancement of surface chemistry. The award will be granted regardless of race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, presence of disabilities, and educational background.

The committee voted to accept the recommendations of the ACS Division of Colloid and Surface Chemistry to change the name of the ACS Award in Colloid and Surface Chemistry to the ACS Award in Colloid Chemistry.

The committee voted to approve the following statements of purpose and eligibility for the ACS Award in Colloid Chemistry: Purpose: To recognize and encourage outstanding scientific contributions to colloid chemistry. Eligibility: The nominee must have made outstanding scientific contributions to colloid chemistry. The award will be granted regardless of race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, presence of disabilities, and educational background.

The 2015 Committee and Subcommittee mission and goals were reviewed.

The ACS Treasurer reviewed the status of the Award endowments, including the 2014 actual revenues and expenses as well as the 2015 projections. Six of the endowments did not generate sufficient income to cover the 2014 award expenses; however, temporarily restricted net assets were available to cover the 2014 deficits. The 2015 projections show possible shortfalls in eight of the award endowments, but temporarily restricted net assets will be more than sufficient to cover the projected deficits.

Sponsor renewal invitations have been sent to six sponsors. Two awards are still in need of a sponsor for the 2017 presentations: ACS Award for Computers in Chemical and Pharmaceutical Research and the ACS Award for Creative Work in Fluorine Chemistry.

Staff from the Office of Research Grants and the ACS Petroleum Research Fund (ACS PRF) reported that at the end of 2014, the ACS PRF Reserve was at a historic high value of \$29.2 million. Since the first PRF grants were awarded in 1954, a total of \$612,745,390 has been awarded to support “advanced scientific education and fundamental research in the petroleum field.”

Valerie J. Kuck, Chair

Words 556

Professional and Member Relations

The Committee on Professional and Member Relations (P&MR) met on March 11, 2015.

The chair reminded committee members of P&MR's 2015 focus areas:

- Adapting to serve chemistry communities and professionals worldwide
- Communicating with appropriate ACS stakeholders the final outcomes of the Task Force on National Meetings and Expositions Targets
- Helping members advance professionally through information and training (ACS Career Navigator)
- Continuous enhancement of member-facing IT

The committee received a cooperative cosponsorship request from the Malta VII Conference organizers. After some discussion, the committee voted to recommend to the ACS Board of Directors approval of the following resolution:

That on the recommendation of P&MR, the ACS Board of Directors provide nominal cosponsorship, with no financial contribution, for the Frontiers of Science Research and Education in the Middle East: A Bridge to Peace (Malta VII) to be held in Rabat, Morocco, November 2015.

The committee discussed holding topical webinars in lieu of the traditional breakfast meetings it has hosted at national meetings. Potential webinar topics include the following:

- Task Force on National Meetings Registration Fee Follow Up
- ACS Meetings Recording Policy
- ACS Science and Human Rights
- ACS Insight Group
- Governance Reform
- Diversity
- Committee Support for Divisions/Local Sections

After the Denver meeting concludes, a message will be sent to P&MR members to determine which topic(s) will be addressed through 2015 committee webinars.

Staff updated the committee on the status of the Meeting Abstracts Programming System (MAPS). Staff conducted a survey of MAPS users in February and reported some key findings. They include challenges in the following areas:

- Using the ACS Network
- No real-time access to the abstracts
- Receiving program late for review
- Re-entering information into the spreadsheets

The primary area of concern cited by the users centered on the requirement to manage their technical programs, in part, while outside of the application, i.e., through the use of spreadsheets prepared by staff.

To address these issues, a number of steps are being taken: (1) Staff has met with Thomson Reuters to discuss the late delivery of key outputs from the system to ensure that their actions do not negatively impact the production of the program (2) The MAPS Advisory Board will meet in about 6 weeks to determine if any additional steps should be taken in the immediate future to improve the offline process, (3) Staff will conduct conference calls with six divisions that accepted the offer to speak with staff about MAPS concerns, and (4) Staff will closely monitor and survey the regional meeting MAPS users at the end of the Spring meeting cycle.

Staff updated the committee on recent activities addressing the ACS meetings recording policy. To increase attendee awareness of the policy, a number of new actions were implemented effective with the Denver National Meeting, one of which requires registrants to acknowledge the policy when completing the online registration process.

To obtain national meeting attendee views on the current policy, a survey was sent to over 1,600 2013-2014 national meeting attendees. Key findings include the following:

- Nearly 50% reporting unfamiliarity with the current policy, underscoring the need to continue to take action to increase awareness
- While a relative few (16%) admit to recording content, a sizeable number of them are sharing the content they captured
- 7/10 agree with the current policy, both from the speaker and audience member perspective
- However, when given a choice, both speakers and attendees clearly prefer a 'speaker decides' policy over the current policy

Staff will brief DAC and M&E on these developments, and will report the committees' feedback to P&MR in June.

The committee received an update on recent activities from the Task Force on Implementing the National Meetings and Expositions Financial Targets Recommendations. In Denver, task force members briefed 13 committees and caucuses on the issue. In a slide presentation, task force members will explain the financial challenge confronting the ACS national meetings, and the actions that will be taken to remedy it. The task force will report to P&MR in June regarding the feedback it receives from the committees and the caucuses.

In Denver, Council approval will be sought for two new international chapters: India and Taiwan. If approved, that will bring the total number of ACS international chapters to 11. In addition, interest in becoming an ACS international chapter has been received from six countries: United Arab Emirates, New Zealand, Brazil, Peru, Australia and Nigeria.

The committee also received an update on recent activities regarding ACS Science & Human Rights. A major symposium on this subject is planned for Denver: *The Interface of Chemical and Biological Sciences International Disarmament Efforts*.

The chair updated the committee on recent developments regarding the Leadership Advisory Board. The January 2015 Leadership Institute attracted 363 participants. Evaluations are being tallied, and will be shared with P&MR in April. The 2016 Leadership Institute will be held January 22-24.

Barbara A. Sawrey, Chair

Words 803

Public Affairs and Public Relations

The Board Standing Committee on Public Affairs and Public Relations (PA&PR) met virtually on March 2, 2015. The Chair opened the meeting by welcoming new and returning committee members, provided an overview of the agenda and highlighted several items for the committee:

- PA&PR Committee Information Sheet
- Message points for communicating with policymakers on ACS top-tier policy priorities
- Snapshot of Key ACS Governance Advocacy activities
- Chart of major ACS coalitions and partnerships associated with policy statements
- 2014 Key Achievements report from OPA
- Chart tracking major legislation ACS is following
- Key upcoming advocacy events:
 - March 17 & 18 – Congressional Visits Day
 - April 22 & 23 – ACS Legislative Summit & Capitol Hill reception with the Council for Undergraduate Research
- National Historic Chemical Landmark designation ceremonies:
 - The Keeling Curve ceremony – two ceremonies:
 - April 30, 2015 - NOAA’s Mauna Loa Observatory in Hilo, Hawaii
 - June 12, 2015 - Scripps Institution of Oceanography at UC San Diego
 - The Kelly Pneumatic Iron Process ceremony - May 11, 2015 - morning event at the Lyon County Public Library in Eddyville, Kentucky, and an afternoon ceremony and reception at Murray State University

FY 16 Budget and 114th Congress Outlook

The Chair welcomed two guests to the meeting – Kei Koizumi, Assistant Director for Federal Research and Development, White House Office of Science and Technology Policy, and Andrew Mooney, Legislative Assistant to Congressman Randy Hultgren (R-IL), a member of the House Science, Space and Technology Committee. Mr. Koizumi presented the President’s FY16 budget request and focused on key federal agencies of interest to ACS. Mr. Mooney also reviewed key aspects of the President’s FY16 request and likely Congressional action on the budget, as well as the outlook for several pieces of legislation that may be addressed by the House Science, Space & Technology Committee. Following the presentation, Committee members engaged in a question and answer session with the two presenters. The Chair wrapped up the discussion by thanking each presenter for taking the time to join the committee and providing their helpful insights into the FY16 budget process.

2015 Prioritization of ACS Public Policy Statements

The Chair introduced the annual exercise to prioritize individual ACS public policy statements and thanked committee members for submitting their input via a survey instrument.

OPA staff presented the background for the prioritization process and explained how the committee's input helps set the ACS advocacy agenda. Based on survey input received from both PA&PR members and OPA staff, policy statements were put into four tiers. The committee reviewed each tier and discussed the statements proposed for inclusion in each tier.

After discussion, the committee voted to approve the advocacy priorities for 2015.

The Chair reminded committee members that they still had the opportunity to submit comments on a draft Water Policy Statement that was first presented and discussed at the December 2014 meeting. The Chair indicated that input must be provided to OPA staff within one week so as to provide adequate time to have it reflected in a draft that the Committee on Environmental Improvement will discuss at their upcoming meeting in Denver.

Committee Advocacy Outreach

To foster effective engagement with members of Congress, each committee member received a customized match-up with their members of the U.S. House of Representatives and the U.S. Senate. OPA staff explained that this effort was an outgrowth of similar outreach to four governance committees¹ that occurred at the San Francisco national meeting last August on behalf of ACS President Diane Grob Schmidt. Committee members were asked to establish communications with their federal officials on ACS public policy statements developed by their committees.

OPA staff then presented updates on two pieces of legislation that match ACS policy priorities and appear to have a chance of bipartisan passage in 2105 – The Sustainable Chemistry Research and Development Act and the Elementary and Secondary Education Act. Staff explained the major elements of each bill and areas where they are seeking inclusion of language to incorporate ACS policy priorities.

¹ Committee on Environmental Improvement, Society Committee on Education, Committee on Chemistry and Public Affairs and Corporation Associates.

The Chair thanked OPA staff and closed the discussion with an observation that the presentations will serve as good preparation for the upcoming Congressional Visits Day and the ACS Legislative Summit.

An ACS member has requested that the Society react to recent letters sent by a member of Congress to the presidents of seven universities employing faculty who have expressed skepticism on the state of widely accepted climate research. U.S. Representative Raul Grijalva, ranking member on the U.S. House Committee on Natural Resources, is requesting various documents and financial records associated with research conducted by the faculty members to determine if any of that research was funded by companies having an economic interest in the research results. Specifically, Representative Grijalva is seeking to determine if these faculty members, all of whom have testified before Congress, made the appropriate required disclosures prior to offering their testimony. The Chair asked OPA to investigate the facts on the matter and present its recommendation on how to address the inquiry.

John E. Adams, Chair

Words 825

Planning

The Board Standing Committee on Planning met virtually on February 17 to identify important trends affecting the future of chemistry, chemists, and the ACS. Drawing from ongoing research into the strategic environment and conversations with ACS members and stakeholders, the committee prioritized 22 social, technology, economic, and political trends for further discussion with ACS committees and other groups. The committee began to consider the upcoming process to develop the *ACS Strategic Plan for 2016 and Beyond*, and reviewed the key strategic issues which will be discussed by the ACS Board of Directors during 2015. The committee's focus in 2015 will be twofold: (1) short-term activities, as required by existing schedules and processes, and (2) longer-term, to gather data and discuss issues and opportunities for the Planning Committee to aid continuous improvement in ACS strategic planning and execution. Members are invited to provide feedback at any time to strategy@acs.org.

Kathleen M. Schulz, Chair

Words 148

Other Board Standing and Joint Board-Council Committees

Chemical Abstracts Service

The committee met in Executive Session on March 20, 2015, where CAS management reported on highlights from 2014 and shared updates on the portfolio of new solutions under development for 2015 designed to enable discovery and advance workflows for scientific researchers and patent professionals around the world. CAS President Manuel Guzman reported that CAS ended 2014 by meeting all of its mission-related objectives. CCAS had a lively discussion and gave CAS useful input on a range of topics and issues.

CAS REGISTRYSM, the world's largest substance database, contained more than 91 million organic and inorganic small molecules by year-end, and the CAS databases have exceeded 400 million cited references. Updated daily, the CAS databases now have 4.5 million experimental properties, 1.5 million NMR spectra and 6.3 million reaction procedures. The SciFinder display of structure diagrams was improved for larger substances.

Committee members were pleased to learn about two new CAS services: PatentPakTM and NCITM Global. A robust new patent workflow solution, PatentPak, enhances CAS's SciFinder® solution with instant access to hard-to-find chemistry in full-text patents. PatentPak also enables researchers to quickly identify patents of interest in a familiar language. NCI Global, an online regulatory solution, provides access to inventories and regulatory lists essential for any organization that manufactures, imports, exports or transports chemicals.

CCAS continues in its important role as a conduit of information between Society members (and users of CAS services), the ACS Governing Board for Publishing and CAS management, providing valuable feedback on current and future initiatives.

Grace Baysinger, Chair

Words 249

Chemical Safety

The Committee on Chemical Safety (CCS) provides the best possible support and resources in safety to our ACS members and the chemical enterprise. At its Strategic Planning Retreat in October 2014, CCS formulated its new vision statement to be: “A culture that results in all chemical practitioners working safely” and its new Mission Statement: “To promote and advance a positive safety culture by providing authoritative resources.” During the committee meeting in Denver, the CCS subcommittees incorporated the strategic plan in refining and revising the names and missions of the three subcommittees. The subcommittees are Safety Education, Safety Solutions, and Safety Communications. In addition to three subcommittees, the CCS also created the CCS Safety Advisory Panel. Comprised of safety experts, this group serves as a technical environmental, health, and safety resource for the committee and ACS. It addresses chemical safety and regulatory issues on an as needed basis and works with other ACS responsible parties in preparing draft ACS responses to Environmental Health and Safety regulatory concerns that arise.

The Committee on Chemical Safety has released the draft of the guide on “Identifying and Evaluating Hazards in Research Laboratories.” These guidelines were developed in response to the Chemical Safety Board recommendation to develop good practice guidance that identifies and describes methodologies to assess and control hazards and that can be used successfully in research laboratories. The report can be downloaded from the CCS website at www.acs.org/safety.

The committee also created a working group to explore sponsoring a ChemLuminary award for promoting safety culture through divisional or local section activities.

Elizabeth M. Howson, Chair

Words 262

Chemistry and Public Affairs

The Committee on Chemistry and Public Affairs (CCPA) is responsible for providing ACS with advice and recommendations for action on public policy matters that impact the chemical sciences and technology.

CCPA considered and approved the Hydraulic Fracturing draft policy position statement. CCPA partnered with representatives from the Committee on Corporation Associates, the Committee on Science, and the Committee on Environmental Improvement to draft this statement. For 2015, CCPA is working on updating the ACS policy statements on innovation and energy.

CCPA welcomed guest speaker Dr. Harriet Kung from the Department of Energy's Office of Science Basic Energy Sciences program, who shared program highlights and how her program is faring in the current budget environment.

Annually, the CCPA selects and ACS supports two congressional fellows to work in a congressional office for a year. These fellows bring informed scientific perspectives to issues on the congressional agenda. In addition, ACS supports a science policy fellow, who learns about public policy by working in the ACS Office of Public Affairs for a one or two-year term. In Denver, ACS Congressional Fellow Emily Lewis reported on her fellowship experiences working with the U.S. House of Representatives Committee on Natural Resources. Recent graduates as well as seasoned chemical professionals are encouraged to apply for the ACS Public Policy fellowships. The deadline to apply for the 2016-2017 fellowships is December 31, 2015. More information can be found on the ACS website at www.acs.org/policyfellow.

Susan B. Butts, Chair

Words 237

Chemists with Disabilities

The Committee on Chemists with Disabilities (CWD) Open and Executive Meeting in Denver, CO featured the following activities:

The ACS Office of Public Affairs presented the current status of the UN Convention on the Rights of Persons with Disabilities (UNCRPD) treaty, which advocates human rights for all people, inclusive of the disabled. CWD is committed to developing a statement of support to advocate ratification of this treaty.

CWD, in collaboration with Rochester Institute of Technology, National Technical School for the Deaf, has updated and digitized CWD's publication "*Teaching Chemistry to Students with Disabilities*," and it is now accessible and will be linked to the CWD website.

In an effort to create awareness around the accomplishments of differently abled scientists, CWD created posters of several of these scientists and set them out at the following venues during the Denver meeting: expo hall, CWD committee meeting at the Hyatt Regency CCC, CMA Luncheon, and outside of the Council meeting. The committee received several inquiries and positive feedback from various members who viewed the posters. CWD will produce several more posters to serve as a traveling set for national and regional meetings.

In keeping with the core values of the ACS Strategic Plan for 2015 & Beyond, CWD will participate in a Strategic Planning Workshop in June of this year.

John J. Johnston, Chair

Words 218

Community Activities

The Committee on Community Activities (CCA) held its Presidential Outreach Event at the Denver Zoo on Saturday, March 21. More than 80 volunteers from the Colorado Local Section, student groups, and members of CCA presented eight tables of hands-on activities from 10 am – 2 pm, reaching an estimated 700 members of the public.

CCA in conjunction with the Committee on Local Section Activities held a joint open meeting and reception on Tuesday, March 24 from 2:00 – 5:30 pm. In addition, an outreach workshop was held as part of the Undergraduate Program to demonstrate outreach activity ideas to students, with approximately 50 students in attendance.

The theme title for Chemists Celebrate Earth Day (CCED) 2016 was also decided. The title is “The Great Indoors – The Home Ecosystem”. CCA is looking for theme team members for 2016 and beyond. Those interested in joining a theme team should contact outreach@acs.org for more information.

George L. Heard, Chair

Words 150

Environmental Improvement

The Committee on Environmental Improvement (CEI) had a very productive meeting in Denver. As part of our responsibility to review existing ACS policy statements and develop new ones, we recommended to the ACS Board the approval of two new statements in emerging areas of interest, one on Hydraulic Fracturing and one on Water Treatment and Conservation.

Among the numerous programs supported by CEI, we co-sponsored with the Division of Chemical Education (CHED) a symposium highlighting the winners of the 2015 ACS-CEI Award for Incorporation of Sustainability into Chemical Education. In its sixth year, this award continues to honor individuals who are leaders in teaching future chemists to consider the environmental impact of their laboratory decisions. Other symposia jointly sponsored with CHED featured the local sections who partnered in the ACS Climate Science Initiative and students who attended 2014 international climate negotiations (COP20) as ACS observers.

CEI has prioritized encouraging local sections and regional meetings to include programming around the theme of climate change. At this meeting, the Cornell and Kalamazoo local sections received grants from CEI to bring programming on green chemistry and sustainability to their respective 2015 regional meetings. An additional grant was given to the Midland local section, who is partnering with Creative 360, a local organization, on the topic of community food production. Regional meeting chairs are encouraged to contact CEI through our web site to learn more about support for climate-themed programming.

Laura E. Pence, Chair

Words 236

International Activities

The 2015 International Activities Committee, together with the ACS Office of International Activities, remains strongly committed to advancing the Society's obligations expressed in the ACS Constitution, "the SOCIETY shall cooperate with scientists internationally and shall be concerned with the worldwide application of chemistry to the needs of humanity."

At its gathering in Denver, the committee received, reviewed and approved annual reports from ACS international chapters in Hong Kong, Hungary, Malaysia, Romania, Saudi Arabia and Shanghai. In addition, the committee reviewed and approved new chapter applications initiated by ACS members in Brazil, Nigeria, Peru and the United Arab Emirates. We also received updates on a number of activities including:

1. the ACS International Center, a curated, virtual resource for chemists, chemical engineers and chemistry students interested in international exchange and collaboration;
2. the ACS International Research Experiences for Undergraduate program, which places US students in laboratories abroad for 10-week periods each summer;
3. the ACS Festival de Quimica series reached over 10,000 teachers, students, and the general public last year in Chile, China, Colombia, Peru, and Puerto Rico;
4. and, the Chemical Sciences and Society Summit (CS3), which brings together prominent chemists and chemical engineers from China, Japan, Germany, the UK and the US to jointly explore chemistry's solutions to global challenges associated with food, energy and water.

Finally, in Denver, ACS Council approved an IAC motion to establish ACS International Chemical Sciences Chapters in India and Taiwan. The process now moves to the ACS Board of Directors for final approval.

H.N. Cheng, Chair

Words 250

Minority Affairs

The Committee on Minority Affairs met at the ACS National Meeting in Denver, Colorado, on Sunday, March 22. CMA continues to promote its mission to advance ethnic and racial diversity and inclusion in the American Chemical Society and the broader chemistry enterprise. In Denver, the committee highlighted kickoff activities for the 20th anniversary celebration of the ACS Scholars Program. This highly successful program will be celebrated throughout 2015 with special events and symposia. More information about the program and opportunities to make a donation can be found at www.acs.org/scholars.

CMA held its luncheon on Monday, March 23 with Dr. Dorothy J. Phillips, ACS Director-at-Large, as the featured speaker. Her talk was titled, “Crossing the Road: Risk and Opportunity”.

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

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

Madeleine Jacobs, Chair

Words 234

Patents and Related Matters

The Committee on Patents and Related Matters (CPRM) has worked to help reform the patent system over the past few years. This culminated with the passage of the America Invents Act. CPRM is monitoring the implementation of this new law. Reflecting a new focus, the committee has reorganized. Along with its current subcommittees: (1) Education and Outreach; and (2) Awards, the committee has created two new subcommittees: (1) Technology Transfer and Sponsored Research; and (2) Legislation and Regulation.

The committee continues to monitor the pending bills regarding “non-practicing entities.” CPRM continues to believe that ACS should not support such legislation.

CPRM focuses on three areas: providing members and the general public with information about patents and other intellectual property issues; proposing nominations of notable inventors for external national awards recognizing the innovations and inventions of chemists; and monitoring legislative and regulatory developments influencing intellectual property in ways that impact the chemical enterprise.

CPRM has created numerous educational materials, many of which provide guidance regarding second careers in the area of intellectual property. CPRM recommends nominees for the National Inventors’ Hall of Fame, the National Medal of Technology and Innovation, and the National Women’s Hall of Fame, and welcomes suggestions for deserving nominees.

Sadiq Shah, Chair

Words 204

Professional Training

At the March 2015 meeting, the Committee on Professional Training (CPT) evaluated 39 periodic reports from approved programs and held conferences with two departments applying for ACS approval. CPT reviewed site visit reports from four programs seeking approval and approved three new programs. Currently, 681 colleges and universities offer an ACS-approved bachelor's degree programs in chemistry.

The new 2015 ACS Guidelines for Bachelor's Degree Programs were published on the ACS website in March. Major changes include an increase in the minimum number of faculty to five, an expanded requirement for instrument holdings, a more flexible contact-hour requirement, increased expectations that programs promote a safety culture, and required coverage of two of the following systems: synthetic polymers, biological macromolecules, supramolecular aggregates, and meso- or nanoscale materials.

The committee voted to approve updated versions of the five disciplinary supplements to the ACS Guidelines, which will be published on the ACS website. The committee discussed and supported the recommendations from the Task Force on International Chemistry Education. A supplement on developing international competencies as a critical student skill for 21st century chemists will be drafted for review at the next CPT meeting.

Members received an update on the plans for a CPT symposium on "Promoting Engaged Student Learning through the ACS Guidelines", to be held at the ACS national meeting in Boston. Updates were given on the status of the CPT survey of Ph.D. Recipients and the publication of the 9th edition of "Planning for Graduate Work in the Chemical Sciences".

Thomas J. Wenzel, Chair

Words 248

Publications

The committee elected Nicole Sampson as vice chair, and she will serve in that capacity from March 20, 2015 to December 31, 2015.

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

The Conference of Editors of ACS Publications was held in January 2015, chaired by Cynthia J. Burrows, Editor of *Accounts of Chemical Research*. The agenda for that meeting and an overview of the proceedings were shared with the committee. Topics included updates on operational issues and technology innovations across all aspects of the Society's publishing activities. A post-conference survey confirmed Editors found the Conference to be useful and the presentations from ACS leadership, ACS Publications staff and Editors to be informative.

Chemical & Engineering News (C&EN) won four 2014 Eddie and Ozzie Awards for its affiliated website and video work and marketing materials. C&EN launched a new electronic newsletter on March 19, 2015, which will be a weekly alert curated with a selection of the most interesting and significant stories including multi-media. The magazine is also collaborating with *ACS Central Science*, *Scientific American* and *Motherboard*.

Since its launch in March 2013, a combined total of 72,000 users have enrolled and visited the web, desktop, and mobile platforms of *ACS ChemWorx*.

Stephanie L. Brock, Chair

Words 249

Science

The ACS Committee on Science (ComSci) met at the ACS national meeting in Denver. To increase understanding among members of emerging frontiers in science that have major implications for chemistry and society, the committee's emphasis this year is on advanced materials—and particularly how to accelerate innovation through multidisciplinary and cross-sector collaboration.

The first symposium on this topic March 23 highlighted the role of advanced materials for solar energy. ComSci's next forum in August will feature leaders from divisions, journals, and other groups to identify key challenges affecting the move of advanced materials from discovery to application. And at the 2017 spring meeting, the third forum on this subject will focus on advanced materials for computation. All of these forums address advanced materials in the context of national meeting themes and emphasize collaboration among industry, academia, and government.

ComSci collaborated with several other committees to develop five public policy statements last fall, and the committee recently led the development of a new ACS policy statement on hydraulic fracturing. ComSci is currently collaborating with other committees on revising ACS policy statements on energy, climate change and forensic science.

ComSci's recommended nomination for the Presidential National Medal of Science was approved by the Board and will be submitted to the White House in late April on behalf of the Society. Looking ahead to nominations in 2016, the committee will reach out again this spring to elicit suggestions for both the National Medal of Science and the National Medal of Technology.

Katherine C. Glasgow, Chair

Words 248

Senior Chemists

The Senior Chemists Committee (SCC) is pleased by the local section response to its mini-grant program. In 2014, 24 local sections applied and received mini-grants to support activities involving seniors. A number of those sections have self-nominated for the ChemLuminary awards being sponsored by SCC in Boston, and more sections now have a senior group in their area.

The success of the Senior Chemists Newsletter continues unabated. SCC is gratified by the responses and suggestions received from members for SCC activities. The committee has formulated approaches in support of those suggestions.

A number of SCC members continue to be involved in the Undergraduate Speed Networking event which occurs at national meetings. Those who have participated reported they were pleased to meet the very interesting group of undergraduates who come to these sessions.

2015 is the 10th anniversary of the inauguration of the Senior Chemists Breakfasts. The committee has pledged to continue the breakfast, which has featured an impressive array of speakers from diverse backgrounds. SCC plans to hold a strategic priority and planning retreat in the fall of 2015.

At the request of the Committee on Meetings and Expositions, SCC held a discussion as to whether 50-year member chemists who are presently exempt from meeting registration fees would be willing on a voluntary basis to pay a reasonable registration fee at future meetings. The committee felt that most seniors would be willing to help if the fees were voluntary and modest.

George E. Heinze, Chair

Words 241

Women Chemists

In Denver, the Women Chemists Committee (WCC) highlighted the work of ten early-to-mid-career women chemists as the 2015 WCC Rising Star Awardees. The celebration continued with “Just Cocktails,” an informal networking event allowing individuals the opportunity to be inspired and bond. On Tuesday, the committee recognized eight WCC/Eli Lilly Travel awardees and celebrated Dr. Angela Wilson, the 2015 recipient of the Garvan-Olin Medal and keynote speaker at the WCC Luncheon. WCC members have been involved as contributing authors and editors for the second more diverse and inclusive edition of “Mom the Chemistry Professor,” a book being published by Springer. The WCC in collaboration with Merck is developing a new WCC/ Merck Research Award that will fund the travel for woman graduate students to present their research at each Fall ACS National Meeting. The Non Tenure Track Faculty Task Force of the WCC is working on issues affecting non-tenure track faculty, which include a higher percentage of women than tenured and tenure track faculty. The Awards Task Force of the WCC continues to have programing focused around the “How to” for National Awards Nominations, in an effort to increase the number of women being nominated and therefore potentially winning National Technical Awards. On Sunday, in collaboration with the Divisions of Professional Relations, Business Development & Management, and Small Chemical Businesses there was a session entitled, “Earning ACS Awards: An Interactive Symposium on Constructing Successful Award Nominations.” Finally, the WCC continues to be active as part of the CIEC as well as, the Diversity & Inclusion Advisory Board.

Amber F. Charlebois, Chair

Words 247

Younger Chemists

The Younger Chemists Committee (YCC) met on Saturday and Sunday, March 21st & 22nd, of the 249th ACS National Meeting.

At the most recent ACS National Meeting in Denver the Younger Chemists Committee (YCC) continued the ongoing effort to bring quality programming to the younger chemist constituency as well as the broader Society. Programming for the meeting in Denver focused on co-sponsorships with the following partners: Environmental Chemistry Division, Small Chemical Businesses Division, Women Chemists Committee, Polymer Chemistry Division, International Activities Committee and the Medicinal Chemistry Division. Programming included “Growing Opportunities for Research Abroad: An Undergraduate Perspective of International Research”, “Young Investigators in Medicinal Chemistry”, and “Chemical Tales of Success: Helpful Tips for Younger Chemists.”

Outside of national meetings, the interaction with local section younger chemists continues through the Program-in-a-Box activity. This rapidly growing activity consists of a kit put together by YCC and ACS Webinars which is sent to local section level groups who register. The kits include items which allow the webinar to become a fun and interactive experience. This program is being supported this year through the assistance of ACS president Diane Grob Schmidt and Proctor and Gamble.

On the international front, the YCC continues to pave new roads by seeding the grounds for international interaction through our exchange programs. The next international exchange will take place in Boston during the Fall National Meeting as part of a collaboration with the Northeastern Section of the American Chemical Society.

By continually providing quality international, national, regional, and local opportunities for younger members to participation in the Society, the YCC strives to provide resources to help our members thrive in the growing, global world.

Douglas B. Hausner, Chair

Words 252

Council Committee Reports

Elected Committees

Committees

The Committee on Committees (ConC) held its annual New Chairs Training in January, 2015, for 11 new chairs and their staff liaisons, as part of the ACS Leadership Institute.

ConC has begun developing its recommendations for 2016 committee chair appointments for consideration by the President-Elect and the Chair of the Board of Directors, and continues to focus efforts to identify members with the requisite skills and expertise, using information provided from the online preference forms and the enrollment from ACS Leadership Development courses for councilors and non-councilors.

Based on successful performance reviews, ConC recommended to Council and CPC concurred that the Committee on Ethics be continued and that the Committee on Science, subject to concurrence by the Board of Directors, also be continued. Council approved both these recommendations.

The online committee preference form opened on March 30 at <https://www.yellowbook.acs.org/>. Those finishing a term or who have reached the statutory limit on a committee are strongly encouraged to complete the online form to reaffirm their interest and commitment to service in the Society. The system can be used throughout the year to update contact and biographical information.

Wayne E. Jones, Jr., Chair

Words 186

Nominations and Elections

The Committee on Nominations and Elections (N&E) announced that the candidates for President-Elect 2016 are G. Bryan Balazs and Allison A. Campbell. Their names, and any other petition candidates certified by the July 15 deadline, will be placed on the ballot this fall. A very successful Town Hall Meeting for nominees for President-Elect was held Sunday, March 22 and received excellent feedback from the audience and nominees.

During its meeting in Denver, the committee discussed member concerns around various procedures connected to the fair campaign policy and election processes. N&E continues to consider improvements to the election process so that nominees, candidates, and the Society as a whole are served more effectively.

The option for Councilors to select their two candidates for district director from among four nominees has been well received. The first such elections recently concluded in Districts I and V, and voter participation was up 9 percent and 12 percent, respectively, from the previous election in 2012. One hundred percent of the ballots in both districts were cast via the internet.

The committee has developed slates of potential candidates for the Council Policy Committee (CPC) and the Committee on Committees (ConC) for 2016-2018 terms. The names of the candidates will appear in the Boston Fall Council agenda.

N&E solicits Councilors' input of qualified individuals for President-Elect and/or Directors for future consideration. Suggestions can be submitted to nomelect@acs.org.

D. Richard Cobb, Chair

Words 230

Standing Committees

Constitution and Bylaws

In 2014, the Committee on Constitution and Bylaws (C&B) certified 23 bylaws, which was the second largest number of bylaws certified in any given year. This number includes 10 bylaws that were certified since the fall meeting in San Francisco, four of which were certified under C&B's expedited bylaws process. Since the beginning of 2015, C&B certified six bylaws. All certified bylaws and the status report are available at www.acs.org/bulletin5.

C&B discussed and voted on changes to the bylaws templates for Local Sections, Divisions, and International Chemical Sciences Chapters and began discussing the Charter bylaws. The committees on Local Section Activities, Divisional Activities, and International Activities, respectively, will be asked to review and approve changes to documents under their purview.

Local Sections, Divisions, and International Chapters have three options to update their bylaws, including using the expedited process and using the respective templates mentioned above. Contact C&B at bylaws@acs.org for further information.

C&B worked with petitioners on language clarifications for two petitions that will be up for vote at the Council meeting in Boston at the fall ACS meeting.

New petitions to amend the Constitution or Bylaws must be received by the Society's Executive Director by April 29 to be included in the Council agenda, for consideration at the fall 2015 meeting. Petition guidelines are in Bulletin 5: www.acs.org/bulletin5.

James C. Carver, Chair

Words 219

Divisional Activities

The Committee on Divisional Activities (DAC), in partnership with the International Activities Committee (IAC), continues to develop a plan to help divisions identify, evaluate, and if appropriate, engage international scientists. DAC and IAC are writing a white paper that will summarize key strategies associated with successful international engagement.

The committee received an update on the Meeting Abstracts Programming System, also known as MAPS. The primary area of concern cited by the users centered on the requirement to manage their technical programs, in part, while outside of the application. Staff briefed DAC on a number of steps being taken to improve the application's performance.

DAC voted to fund 10 Innovative Project Grants (IPG) totaling \$54,000. The committee will consider another set of IPG proposals during the Boston National Meeting in August; the deadline for that round of submissions is July 1, 2015.

DAC, the Committee on Meetings and Expositions, and the Board Committee on Professional and Member Relations continue to collaborate to review, and if necessary, update the Society's policy governing the use of devices to capture and/or disseminate content delivered at our meetings. National meeting attendees were recently surveyed to obtain their views on the matter. While expressing support for the current policy, the survey respondents also expressed interest in amending the current policy to permit presenters – at their discretion - to authorize audience members to capture and disseminate content.

Michael J. Morello, Chair

Words 230

Economic and Professional Affairs

The Committee on Economic and Professional Affairs (CEPA), met to update on progress towards implementing its mission, vision, and goals for 2015 and beyond. CEPA evaluates the portfolio of career-related programs, products and services to ensure balance and alignment with members' needs; and remains committed to monitoring the employment status of ACS members.

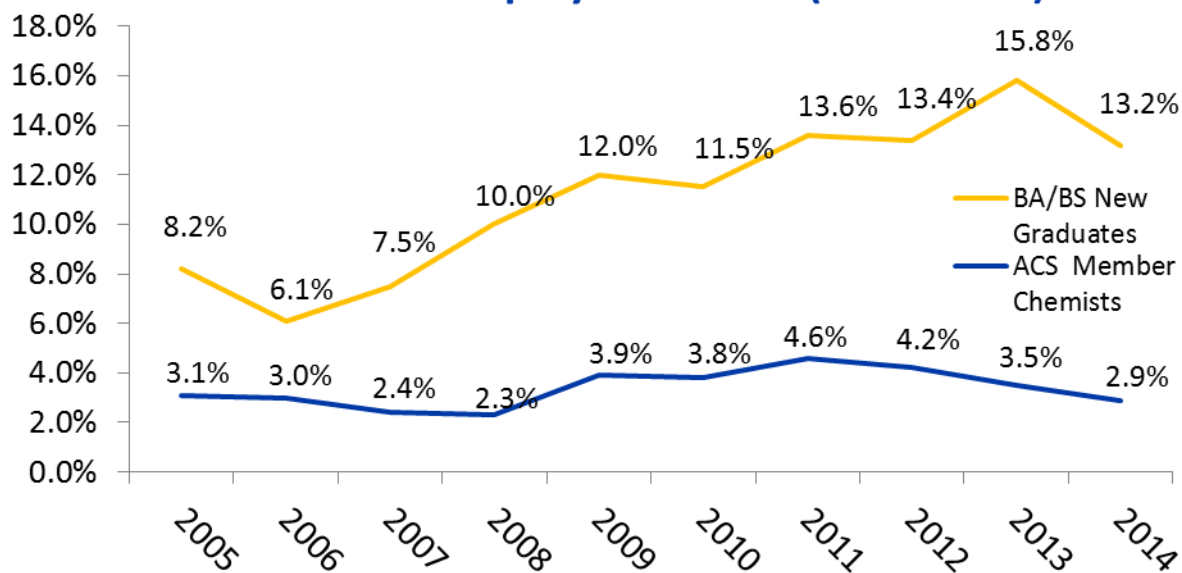
The ACS Career NavigatorTM brings together ACS's leadership development, professional education, career-services, and market intelligence resources under one unified brand. In 2014, the ACS Career Navigator continued to grow in its branding, print material, digital campaigns, social media, and blogs. In 2014 alone, the programs, products, and services which comprise the Navigator reported over 10,000 substantial interactions with ACS members and potential members.

Participation for the Denver ACS Onsite Career Fair and the Virtual Career Fair was comparable to the last spring ACS national meeting. Additionally, 23 workshops and 218 mock interviews and 368 résumé reviews were conducted.

	Onsite	Virtual
Job Seekers	715	918
Employers	27	6
Positions Available	85	38

Findings from the ACS 2014 New Graduate Survey reveal a decrease in unemployment among recent bachelor's degree graduates in chemistry and related fields, dropping from 15.8% in 2013 to 13.2% in 2014. Hopefully this decline in unemployment will continue in 2015, following the trend seen among ACS members in the workforce. The ACS 2014 Comprehensive Salary and Employment Survey revealed that for the third consecutive year, ACS members experienced lowered unemployment. However, while unemployment is down, salaries have been remained stagnant and have not kept pace with inflation.

BA/BS New Chemistry Graduates and ACS Members Unemployment Rate (2005-2014)

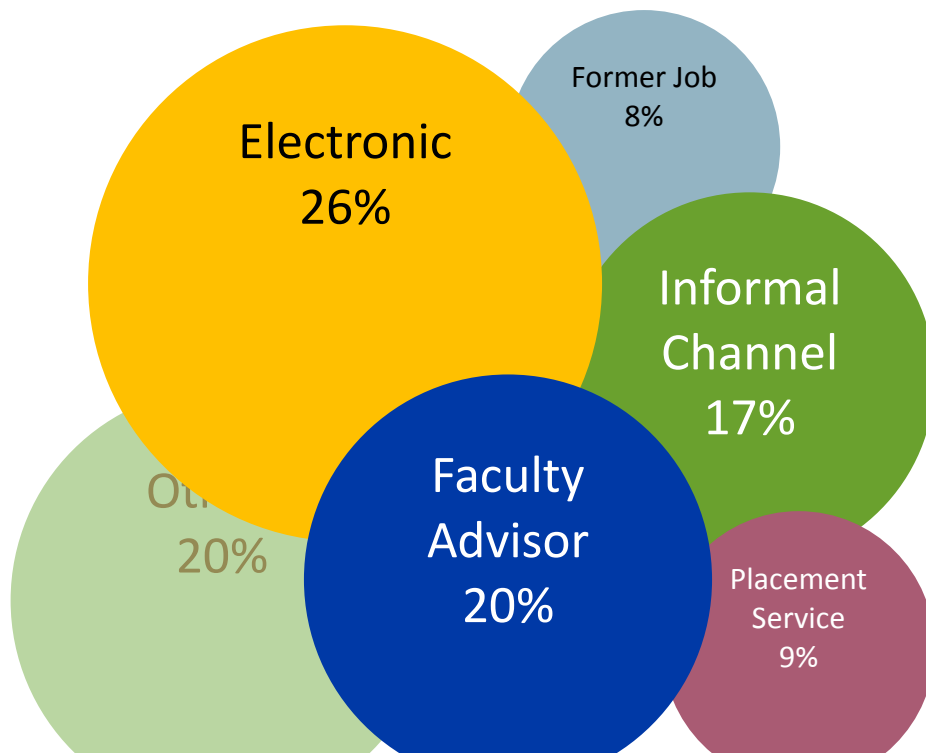


Adapted from ACS Comprehensive Salary and Employment Survey and ChemCensus 2005-2014 and ACS Survey of New Graduates in Chemistry, Chemical Engineering and Related Fields 2005-2014

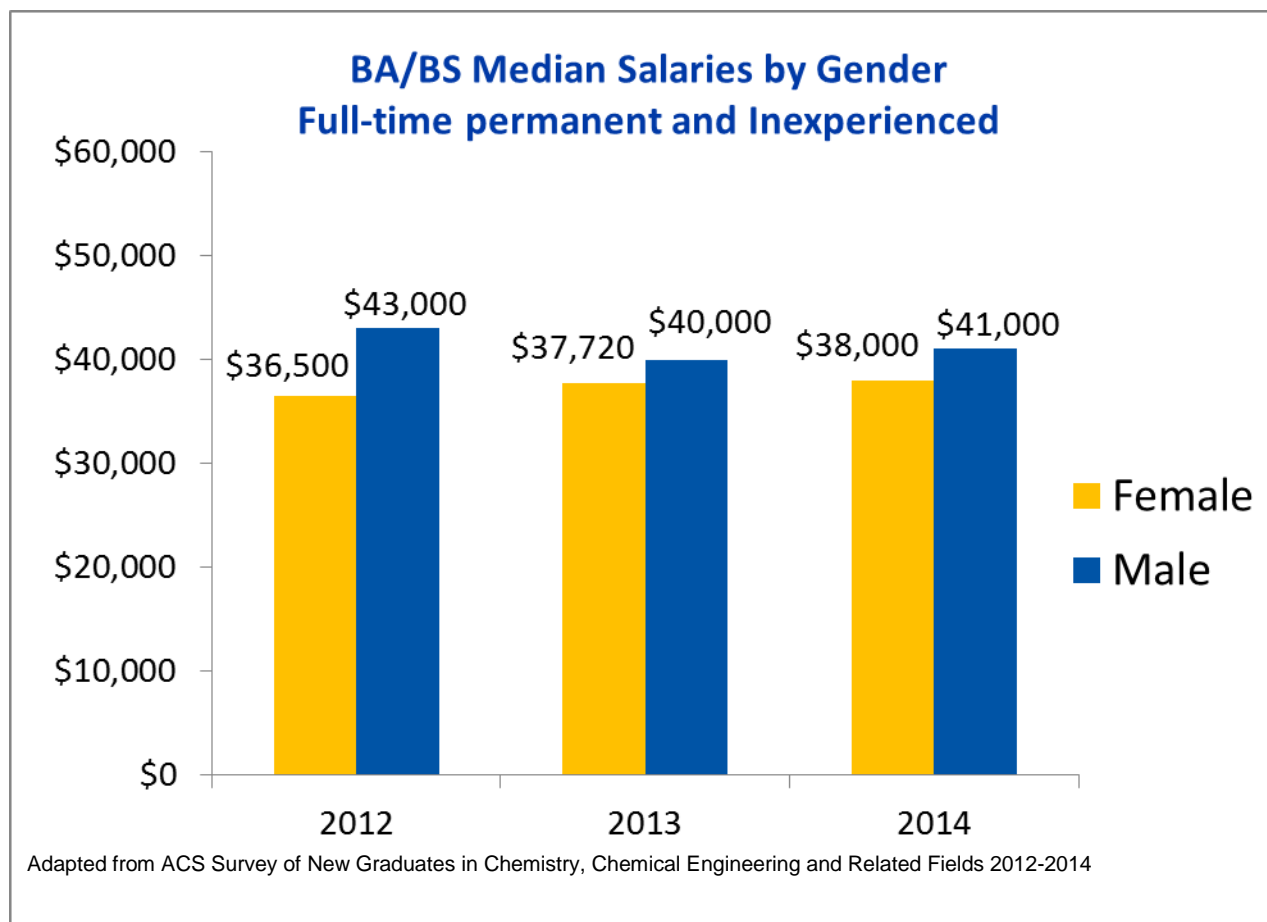
These findings indicate that new graduate employment remains at the top of our priority list for employment assistance in 2015.

For New graduates that found employment, almost half found their job through electronic means or a faculty advisor. Popular electronic job search methods used to find employment included Indeed.com, Monster.com, CareerBuilder, LinkedIn, Employer Websites and Craigslist.

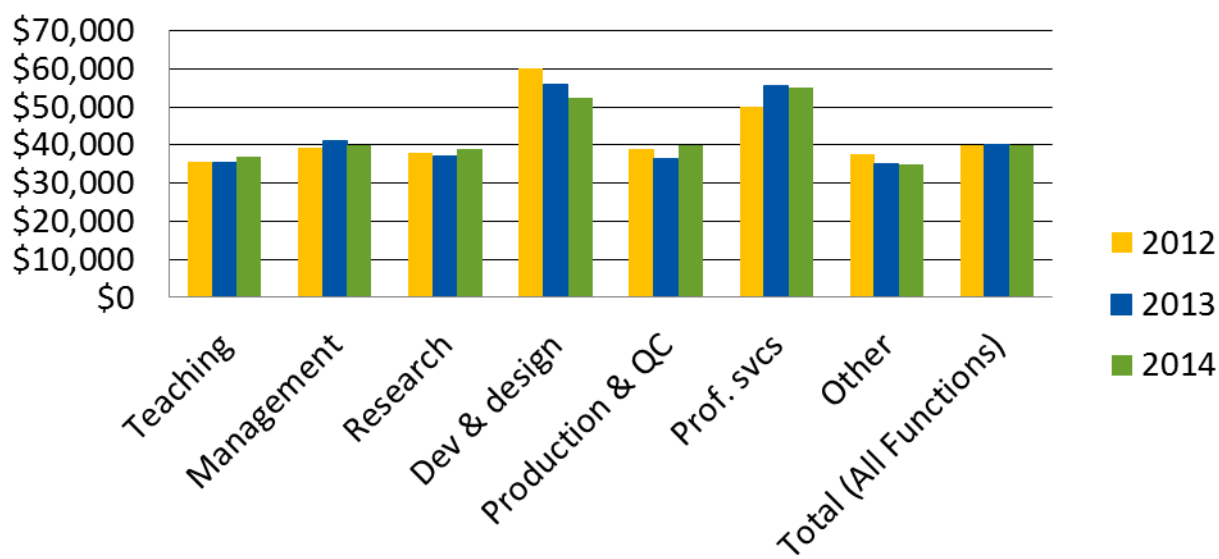
How BA/BS graduates found jobs in 2014



When controlling for experience, degree, and limiting comparisons to full-time permanent positions the wage gap between recently graduated males and females fluctuates around the \$4,000 mark and doesn't show an immediate trend; males made a median of \$41,000 in 2014 while females made a median of \$38,000.



BA/BS Median Salaries by Job Function Full-time permanent (all experience levels)

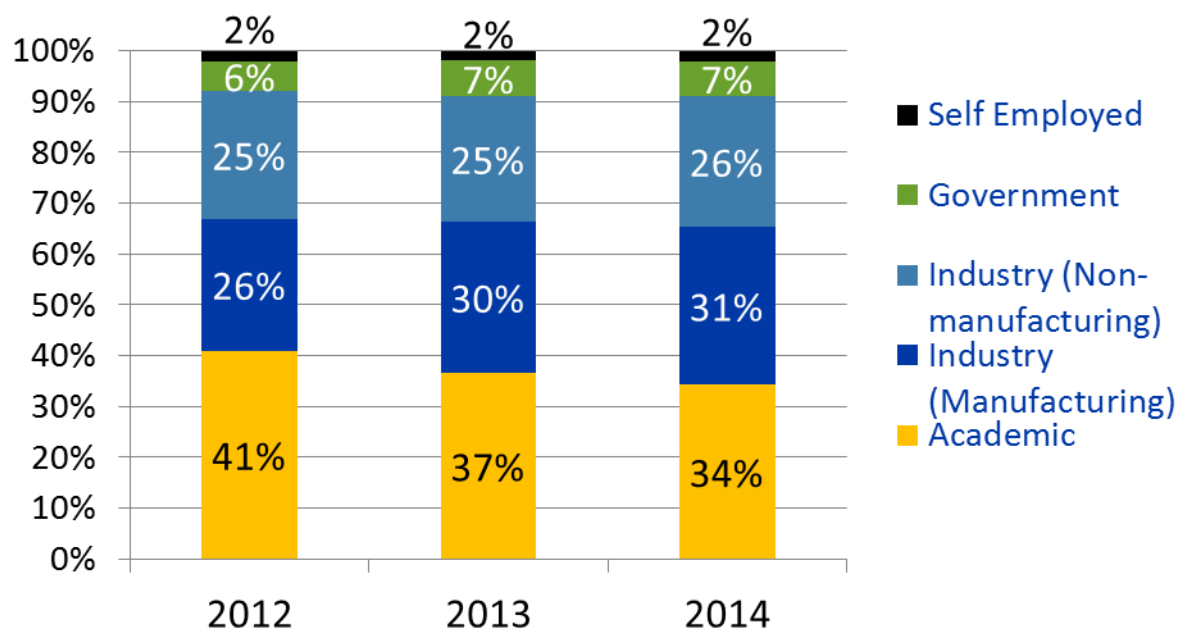


Adapted from ACS Survey of New Graduates in Chemistry, Chemical Engineering and Related Fields 2012-2014

Breaking out salaries by job function shows that in the last three years, there has been a decline in demand for new bachelor's in the field of development & design. During that same period there was a slight increase in demand for professional services (which includes consulting).

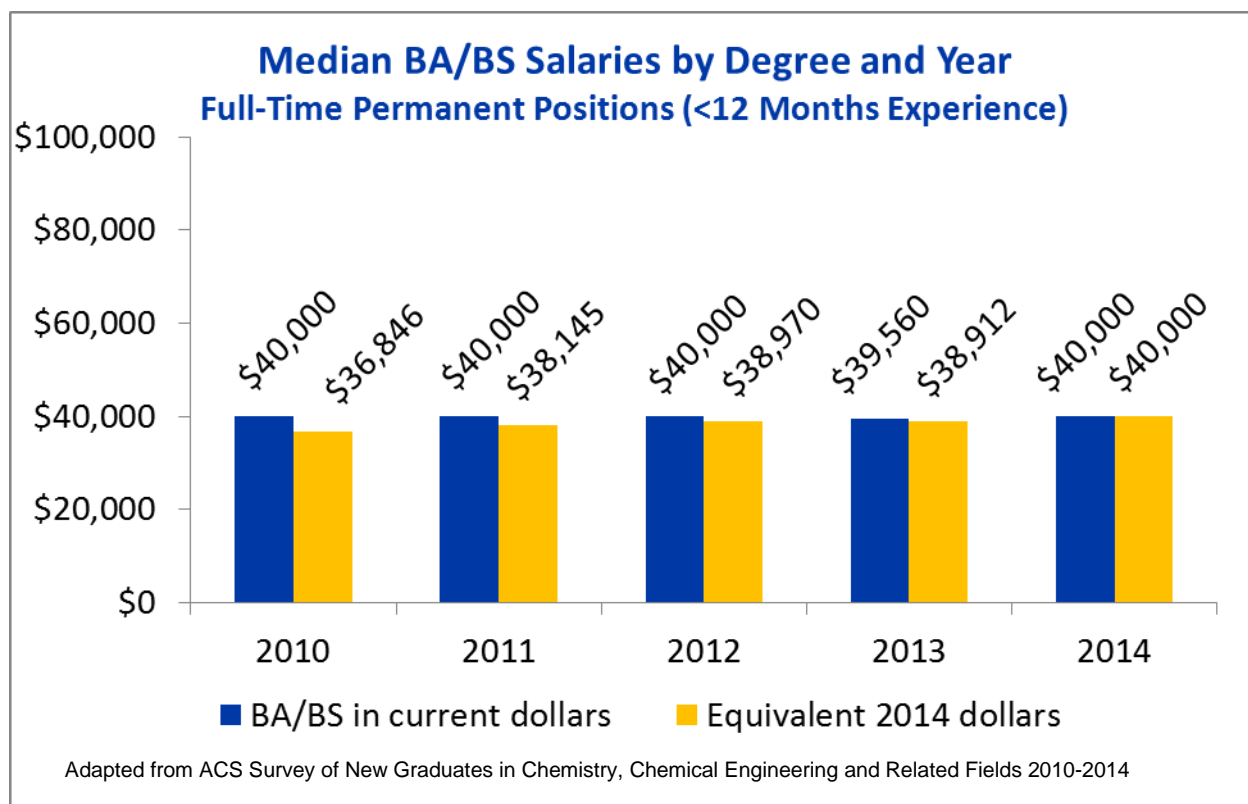
The bar graph below shows where the jobs were from 2012 to 2014. In the last three years, fewer graduates are finding work in Academia while more are finding work in Industry. This may indicate that academia is reaching a saturation point, and we will need to follow the trend as it progresses.

BA/BS Jobs by Sector (2012-2014)



Adapted from ACS Survey of New Graduates in Chemistry, Chemical Engineering and Related Fields 2012-2014

Salaries continue to be a concern even while the results suggested that hiring has been increasing. The median salary of inexperienced Bachelor's has been almost unchanged since 2010. In that same time period (2010 to 2014) inflation was almost 9%.



William R. Ewing, Chair

Words 497

Local Section Activities

The Committee on Local Section Activities (LSAC) recognizes the local sections celebrating a significant anniversary in 2015: 50th - Southern Illinois; 75th - Western Maryland; and, for their 100th - the Ames and Virginia local sections.

LSAC thanks the 146 out of 185 local sections that have completed their 2014 Annual Reports. A total of 1465 events and 178 ChemLuminary nominations were submitted for 2014 activities. LSAC will complete all annual report reviews by June 1st.

LSAC awarded 15 Innovative Project Grants for a total of \$38,389. LSAC is continuing to offer a mini-grant for local sections who attended the 2015 Leadership Institute to partner with neighboring sections. LSAC awarded nine grants in support of this initiative for a total of \$2700. The committee reviewed proposals for the Bridging the Gap: Teachers of Chemistry K-12 Nano-Grant and will fund 16 grants totaling \$4000. All grant money will be disbursed by May 1st. More information about grants can be found at: www.acs.org/getinvolved.

LSAC conducted a preliminary review of the local section allotment formula and does not anticipate recommending any changes to the formula in 2016.

LSAC is developing a process and communication plan to assist with the annexation of unassigned territories that are adjacent to multiple sections.

LSAC, in partnership with the Committee on Community Activities, would like to encourage all local sections to celebrate this year's Chemists Celebrate Earth Day theme: "Climate Science—More than Just a Weather Report" on April 22nd.

Martin D. Rudd, Chair

Words 239

Meetings and Expositions

The Committee on Meetings and Expositions (M&E) accepted 10,266 papers for the 249th National Meeting in Denver, CO. The total attendance for this meeting was 13,972. The Exposition had 363 booths with 240 exhibiting companies.

Per the National Meeting Long-Range Financial Plan, M&E recommends the Early Member Registration Fee for the 2016 national meetings will be \$415.

M&E recommends to the ACS Board of Directors that Washington, DC be designated as the site for meeting dates August 17-21, 2025 and August 20-24, 2028.

The committee voted to recommend to the Board of Directors that the 2021 National Meeting in Boston, MA be relocated to Atlanta, GA, and that Atlanta, GA, also be awarded the 2026 Spring National Meeting. The Board of Directors approved these sites.

As part of the continuing ACS sustainability effort and to encourage the use of the ACS mobile app and on-line program, M&E has decided to discontinue free distribution of the hard copy program book starting in 2016. A fee of \$10/program book for early registration and a \$20/program book fee will be established for those attendees who wish to purchase a book during late registration. There were nearly 5,000 downloads of the Denver Mobile App.

In recognition of our efforts to green the ACS National Meetings, ACS was honored as the show with the Most Commendable Green Initiatives by the 2014 Trade Show Executive's Gold 100 Grand Awards.

Will E. Lynch, Chair

Words 233

Membership Affairs

The Membership Affairs Committee (MAC) focuses on efforts to recruit and retain members. The past three years had disappointing results as the domestic job market for chemists has stagnated, and yet, the Society continues to attract large numbers of new members each year and a growing student and global population.

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

In cooperation with Chemical Abstracts Service and ACS Publications, MAC approved an Enterprise Model test to include memberships as part of institutional packages including other Society offerings. These enterprise model packages could be customized for industrial, academic, or government institutions.

In addition, the committee was pleased to endorse 2015 ACS President Diane Grob Schmidt's campaign to invite faculty from the PhD-granting U.S. institutions to give ACS membership as an award to their outstanding students in chemistry. Diane is offering to match their gift, if the university will pay for one student's membership, she will pay for a second student's membership from her Presidential funds.

MAC reviewed the Petition on Preferential Voting and the Petition Revising Member Expulsion Procedures and voted in favor of both.

James M. Landis, Jr., Chair

Words 235

Other Committees

Ethics

The ACS Committee on Ethics (ETHX) met Sunday, March 22, 2015 from 9:00 am to 4:30 pm in open session. The committee is grateful for the recommendation from ConC to continue the committee, and also to the Council for supporting this action unanimously. A review of the recommendations to ETHX from ConC led to preliminary discussions about subcommittees and committee size, which the committee plans to address during conference calls to be held prior to the next meeting in Boston.

ETHX also reviewed policy in regards to responding to requests for committee action by parties that perceive potential ethics “violations.” Members were again reminded that we are not an adjudication body, and that at no time should any member represent themselves as speaking for the committee or the Society. It was determined that many times these communications could lead to the development of ethics training scenarios.

It was reported to the committee that a grant proposal has been submitted to NSF regarding the quantification of the effect of ethics training, and that ETHX can play a role to help with this research. As this is directly in line with our charge and our strategic plan, the committee endorsed the concept and looks forward to hearing the results.

Two documents from CEPA were reviewed, and recommendations were communicated to the liaison to the committee.

Discussion was held on two petitions for consideration at the Council meeting. No action was taken on either of these petitions.

Keith R. Vitense, Chair

Words 242

Nomenclature, Terminology and Symbols

The ACS Committee on Nomenclature, Terminology, and Symbols (NTS) met in executive session in Denver on Monday, March 23, 2015 with 24 attendees. Committee Chair Albert Censullo reported a request from the Committee on Technician Affairs on a recommendation for a new designation to replace “Chemical Technician,” in light of new trends favoring hiring of applicants with higher levels of educational training. An *ad hoc* committee is expected to bring a recommendation to the Boston meeting.

Reports from subcommittees included liaison activities with ACS Divisions and Committees; review of the ACS website and available apps pertaining to the Periodic Table; plans to inform/promote the new SI units/definitions, perhaps through a kiosk at a 2016 ACS meeting; and results of a survey among 2400 ACS members about NTS long-range activities with planning for follow-up actions at the 2016 Philadelphia ACS meeting. Other reports updated information about IUPAC-IUBMB work on biochemical and carbohydrate nomenclature and about the *Nomenclature of Organic Chemistry, IUPAC Recommendations and Preferred Names 2013* (“Blue Book”). Work is underway to revise typos and some chemical errors in that publication.

The Director of Strategy Development, ACS Office of the Secretary & General Counsel, reviewed the Society’s strategic plan, with a slide presentation in the context of NTS responsibilities. Discussion and comments included some suggestions for expansion of topics identified as Key Trends.

The committee reviewed documents and developments pertaining to the redefinition of the kilogram. A statement of NTS’s preferences, submitted through the National Academy of Sciences, was among the large number of documents studied by the IUPAC Mole Project earlier this year. That working group hopes to submit its report to IUPAC in mid-2015.

The Consultative Committee for Amount of Substance: Metrology in Chemistry and Biology (CCQM) will be offering a one-day symposium at the 2015 ACS Meeting in Boston. A member of NTS will serve as moderator for the afternoon session of the symposium.

Albert C. Censullo, Chair

Project SEED

ACS Project SEED is a program that provides hands-on research experiences and scholarships to economically disadvantaged high school students. Since 1968, Project SEED students have been engaged in chemically-related research in academic, government and industrial laboratories. According to the 2014 surveys, 66% of the students came from families that had an income of \$25,000 or less. Students agreed that Project SEED helped developing skills and abilities (98%), deciding to attend college (94%), and pursue career in science (80%). Sixty-one percent (61%) stated that they expect to complete graduate or professional degrees. Of mentors surveyed, 93% indicated they would recommend the experience to others.

The Programs Subcommittee reported that for 2015, 470 research projects with 509 students were reviewed of which 19 projects are pending for approval upon receipt of additional information. The projected cost of the program is \$1,339,000. The committee adopted a new rubric for the evaluation of college scholarships and reevaluated the one for ChemLuminary awards. The committee also approved a mission and vision statements for the subcommittee on Geographic Expansion. This summer, Project SEED will have a presence in forty states including five new states: Alaska, Hawaii, Nevada, North Dakota, and Utah. The Scholarship Subcommittee reported that 55 applications for college scholarship have been received for the 2015-2016 academic year. The committee anticipates awarding 28 Project SEED College scholarships in May.

The committee encourages ACS members to support Project SEED via the check-off on their ACS membership renewal form.

Anna G. Cavinato, Chair

Words 242

Technician Affairs

CTA presented their annual National Chemical Technician Award (NCTA) recipient, Jeff Seifferly, from The Dow Chemical Company, with his award at the Diversity Reception. There he was honored by over 150 attendees. The NCTA award recognizes technical, and communication skills, safety, reliability, leadership, teamwork, publications, and presentations of chemical technicians. Anyone interested in nominating a technician please visiting www.acs.org/cta, the deadline is September 30th.

Susan S. Marine, Chair

Words 64