

## **HIST Executive Committee Meeting, March 13, 2016**

Hilton San Diego Bayfront, Aqua 303, San Diego, CA

Meeting started at 5:45pm

**Attending: Vera Mainz, Ron Brashear, Nick Tsarevsky, Ned Heindel, Mary Virginia Orna, Gary Patterson, Roger Egolf, Carmen Giunta**

**Guests:** Janan Hayes, Dan Rabinovich

- 1) **Welcome and announcements**, Gary Patterson
  - a) Gary noted that about 70 people attended at the afternoon's symposium, Preceptors of Chemistry.
  - b) Gary will have a meeting Tuesday with the head of Grants and Award, Fellowship Program and LaTrease Garrison (Director, Administrative & Programmatic Technologies) to see if they can find a way forward for the Fellows program. The Chair of DAC is aware Gary has asked for this meeting. Roger told DAC that more than one division chair is interested in making changes for the Fellows program. Mary Virginia noted that when she nominated someone for Fellow this past year who was rejected, she wrote to the email provided for feedback and got a tailored feedback on exactly why her nominee failed.
- 2) **Secretary-Treasurer's Report**, Vera Mainz.
  - a) Minutes of the August 16, 2015, Executive Committee meeting were approved via email vote on February 8, 2016.
  - b) A new member needs to be appointed to both the HIST Award committee and the Outstanding Paper Award. There also needs to be a discussion of possible changes in the HIST Award protocol, which will occur under the Awards subcommittee item. Dan Rabinovich agreed to serve on the Outstanding Paper Award committee.
  - c) We need to hold an election this fall, so a nominating committee needs to be appointed. All offices need to be elected: chair-elect, secretary/treasurer, both councilors and both alternate councilors. Dan Rabinovich, the runner-up to the chair-elect at the 2014 election, is willing to serve. Vera is willing to run for Secretary/Treasurer but another candidate will be needed to run against her, as required by the Bylaws. All councilors and alternate councilors have indicated they are willing to serve. Ned Heindel has agreed to serve as the nominating committee.
  - d) The HIST dues have to be reported to the ACS by April 28th. Vera recommended we allow them to stand with no changes. The motion was made, seconded, and approved.
  - e) In terms of reporting, the HIST funds in the Vanguard Funds are all allocated to the HIST Award Endowment Fund. The return on investment was 6% in 2014. The return for 2015 was 8%. See the summary below.

### HIST Award Summary

Dividends			
2011-2012	\$	1,543.76	4%
2013	\$	3,813.53	8%
2014	\$	3,749.04	6%
2015	\$	2,386.90	8%
2016	\$	1,484.67	

	Income	Expenses	Difference
2013	\$ 6,675.33	\$ (6,882.90)	\$ (207.57)
2014	\$ 6,119.04	\$ (4,440.65)	\$ 1,678.39
2015	\$ 4,876.90	\$ (4,789.32)	\$ 87.58
2016			\$ 1,558.40

Available \$ 3,043.07

- f) In a general way HIST is doing well. There is \$78,563.92 of unobligated funds as of February 29, 2016. Pacifichem 2015 speaker reimbursements totaled \$17,892.84. We have submitted a request for a \$17,667.84 reimbursement from ACS. The difference is \$225 in ineligible expenses for which Tom Tidwell was reimbursed. That was my error and I apologize.
- g) Treasurer's Report. The 2015 annual reports, both the Treasurer's Report and the Administrative Report were filed prior to Feb. 15, 2016, as required by the ACS. They have both been posted to the HIST website. The annual allocation will be released soon and will be \$13,207.57. The Quicken summary of income/expense for 2016 to date is attached, Appendix 1.

#### TOTAL OBLIGATED FUNDS as of 2/29/2016

Citations	\$ 3,291.36
Archives IPGA + James J. Bohning Memorial Fund	\$ 2,630.44
StopGap Funding	\$ 3,800.00
Citations Travel	\$ 4,428.16
MVO Nat Inv IPGA	\$ 265.08
Past Pres IPGA	\$ 2,715.14
SERMACS IPGA	\$ 2,222.30
HIST Award (Contributions + Dividends)	\$ 3,043.07
See and Be Seen	\$ 500.00
Fontani Book Fund - Fontani HIST membership	\$ 250.00

Past Pres	\$	2,715.14
HIST Award Symp Phil Fall2016	\$	500.00
HIST - Preceptors of Chemistry	\$	500.00
HIST - Posthumous Nobel Prize	\$	1,000.00
HIST - Brewer Memorial Symp	\$	500.00
Video Archive IPGA	\$	504.98
High School Teaching IPGA	\$	5,000.00
	<b>\$</b>	<b>33,865.67</b>

**BANK BALANCE as of 2/29/2016**

Checking account	\$	18,354.49
Total checks not cleared	\$	(1,193.50)
Deposits not cleared	\$	-
<b>AVAILABLE - Checking</b>	<b>\$</b>	<b>17,160.99</b>
<b>AVAILABLE - Savings</b>	<b>\$</b>	<b>95,268.60</b>
<b>TOTAL AVAILABLE</b>	<b>\$</b>	<b>112,429.59</b>

**TOTAL UNOBLIGATED FUNDS as of 2/29/2016**

**\$ 78,563.92**

**3) Report from Program Chair, Seth Rasmussen**

- a) Seth gave an update on the book volume based on the symposium at Pacificchem, including the proposed table of contents (see Appendix 2). The publishers are trying to track down someone from Singapore to cover the development of chemistry programs there since their home office is based in Singapore. Ron said there will be a history meeting in Singapore which someone from CHF will attend. He will see if they can help find someone. Currently, Seth is looking for papers/chapters at the end of July. Additional people and chapters have been added. Ron noted a CHF person is working on early technology in Indonesia who might be interested in contributing on Indonesia. Seth asked Ron to send him a reminder.
- b) HIST Programming (see Appendix 3). Things are going well at this meeting aside from no projector and no screen at 8am and ACS not really bothered about it. Seth noted that he believes support from ACS is getting worse, both in terms of MAPS and on-site meeting support. LaTrease Garrison gets stuff done but she seems to be the only one capable of making that happen. Seth has more access to MAPS but ACS staff keep locking him out, so he keeps having to go back to LaTrease to get access opened up again. When contacted, LaTrease says yes, that should be doable, gets it done, but it all happens again. LaTrease is moving to another position. She is currently staff liaison with LSAC and is moving to staff a Board committee. Debbie Fillinich is taking over some of her responsibilities, but it is not known if Debbie will have any responsibilities for MAPS.

- c) HIST is co-sponsoring a symposium at this meeting with INOR with Seth as co-organizer. It will cover four sessions. A motion was made, seconded, and approved to provide with \$500 symposium support.
  - d) Preceptors of Chemistry, at this meeting, has been very well attended. Bernadette Bensaude-Vincent came in from France. This was the first time that the historian Bruce Moran attended an ACS meeting. Gary requested an extra \$500, above the \$1000 already approved from HIST, to cover travel for Bruce. The motion was made, seconded, and approved. Gary noted that ACS is publishing a symposium volume and there will be chapters in addition to those from the speakers.
  - e) Seth noted that HIST sponsored registrations are currently \$105 for one-day. The person need to be registered by the early registration date or the fee jumps up to \$130. Bernadette had that happen. He asks that symposium organizers be much more organized in order to qualify for the lower fee.
  - f) Philadelphia programming will be busy but is a good schedule. HIST is co-sponsor with NTS of a symposium, Jeff Seeman has a PRES symposium that will be the second part of the Sunday am session (part of Citations Award), and Carmen will do tutorial in the General session on Sunday. Jan and Roger's C. C. Price (past ACS President) symposium may not be filled as they have not heard back from some possible speakers. Carmen noted the Undergraduate program chair told him we could send them material to advertise various HIST programs. There are twenty seats for Gary's Sat. program and seventeen seats are already filled for the Workshop on using History to teach High School Chemistry. Mary Virginia usually has a give-away of CHEMSOURCE packets at national meetings. Every single module has History of chemistry material, and she has offered the packets for Gary's participants. She will give them to Gary.
  - g) San Francisco, Spring 2017 - Dan and Nick are going to try to program for a full day, but will certainly have a 1/2 day of programming. Jan is planning the next past-ACS president symposium for Seaborg and believes it might easily be a full-day with NUCL cooperation.
  - h) Jeff Seeman is hoping to organize a symposium for 100th birthday of RB Woodward, possibly for DC (Fall 2017). Jan mentioned a PRES symposium for Washington for Darryl Bush PRES.
  - i) Ruth Ann Armitage notified Seth that Joe Lambert had put Seth's name forward as organizer of the next Archeological symposium. Seth is willing to do this, but wants a co-organizer who is familiar with the area. Mary Virginia agreed to co-organize with Seth. They are looking to have it at New Orleans (Spring 2018). Nick mentioned 2020 for a possible polymer science symposium.
  - j) Seth was recently contacted by the CEO of HSS, asking about a session at HSS meeting with a good mix of historians and scientists and/or HIST members. Seth can't do it for the next HSS meeting, but maybe the one after that.
- 4) **Report from Councilors**, Mary Virginia Orna and Roger Egolf; see Appendix 4.
- a) Roger - This will be his last year in DAC. There will be a new call for Divisions to have a Strategic Plan person to look at opportunities, possibly a past officer who is not currently involved with the Executive Committee. For HIST, that might be someone such as Ben Chastain. ACS recommends that the Strategic Planning process occur once every 5 years. DAC will support Division

participation at IPG level funding with a minimum proposal, up to \$7500. Roger said that current costs for 10 persons attending is approximately \$17,000 to \$18,000. Roger will ask to serve on M&E for his next assignment, especially given the continuing issues with support on site for the national meetings.

- b) Mary Virginia - This will be her third year on LSAC. Given that Roger is rotating off of DAC, it would make sense for her to rotate onto DAC. She is now serving as chair of communications subcommittee of LSAC (a new committee), and liaison to PA&PR. These are new responsibilities, and she thinks she should serve at least one more year to carry those responsibilities. These are very important committees and well worth continuing.

5) **Report from Chair-Elect, Ron Brashear**

Ron is working to talk up HIST among historians in order to suggest that they submit papers to the Bulletin and attend ACS national meetings. He had fun tweeting some of the sessions during San Diego and talks at this meeting around and is getting many responses. His biggest response so far came from stating Harry Gray was in the house.

6) **Report from Past Chair, Ned Heindel; no report**

7) **Report from the HIST Awards Subcommittee, Gary Patterson**

The 2016 HIST Award Jury Committee has announced that Ursula Klein has won the 2016 award.

- a) Joe Gal sent an email to the entire Executive Committee (see Appendix 5) regarding the HIST Award Criteria and Processes. After much discussion, a consensus seemed to be reached on how to move forward.
- b) Vera was requested to review past winners of the Dexter/Edelstein/HIST Award and assign them to one of the following categories, if possible: chemist-historian, historian-chemist, or historian. This will allow us to know how many of each category have won the award in the past and evaluate whether past trends have changed. Several members of the Executive Committee believed that the number of awards to historians have dominated in recent years and this will provide a check of that theory.
- c) Vera was requested to draft some additional language for the HIST Award SOP (current version attached, Appendix 6) that would reflect the consensus of the Executive Committee that 1) the Jury Committee should understand the breadth of the previous awards, with respect to the type of nomination to consider, 2) that the chair and committee should have the freedom to decide their own process within the current guidelines, and 3) that anyone who has nominated someone for the award, at any time, should recuse themselves from that years discussion.
- d) The Executive Committee might need to request nominations for possible chemist-historians to consider for the Award if the Jury Committee does not receive enough nominations. A canvassing committee should be considered which might be the Executive Committee or a separate committee. This still needs to be discussed.
- e) Another member needs to be appointed to the HIST Award Jury Committee. The consensus was to ask Ursula Klein to serve.

8) **Report from Archivist, John Sharkey.** The finding is up-to-date and the archives are ready for viewing by visitors.

9) **Report from Bulletin Editor, Carmen Giunta**

- a) *Bulletin* v42(2) is in layout and will be out soon. This will complete the 2015 volume. The issue has a semi-imaginative paper as well as one from Joe Lambert with historical material and some science research. Carmen will make the pdf available to the Outstanding Paper Award committee when he has it ready.
  - b) The pipeline for papers is going well. The Chemical Warfare symposium (from Colorado, Spring 2015) will have a special issue of four to five papers. More papers by David Lewis coming, as well as a couple from Bill Jensen.
  - c) There was a question about the *Bulletin*'s impact factor of zero - likely because the *Bulletin* has never been evaluated. We may need to ask for it to be evaluated. [The impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a particular year or period. The annual Journal Citation Report (JCR) impact factor is a ratio between citations and recent citable items published.]
- 10) **Report from Historian**, Gary Patterson  
Gary is almost done with writing up Tenney Davis in the former chairs series. He will shortly finish the biography for Ursula Klein.
- 11) **Report from the Alternate Councilors**, Art Greenberg and Joe Jeffers; see MPPG Themes report, Appendix 7.
- 12) **Old Business:**
- a) Symposium books update from Mary Virginia. *Science History A Traveler's Guide* is out, so an announcement should put into newsletter. *Sputnik to Smart Phones - a Half Century of Chemical Education* is out next.
  - b) Mary Virginia noted that membership is important. We should consider a membership drive. We should do a harder sell on the membership brochure at meetings, at least passing them out at the talks. This is specifically to keep our membership high enough to maintain two counselors.
  - c) Seth says there is an opportunity to sell HIST Symposium volumes at meeting, but it requires someone to man the table. When not manned, the books have to be taken somewhere.
- 13) **New Business:**
- a) The HIST Division 100th Anniversary is coming up in 2022. It is not too early to form a committee to write the history of the Division so it will be finished by 2022. Spring 2022 was suggested for the date. Jim Bohning's papers may be a place to start for the history.
  - b) It is also not too early to form a committee to plan the celebration of the HIST Division's 100th Anniversary. Plan to revisit this in August to discuss membership of the committee.
  - c) Ron noted that CHF has merged with the Life Sciences Foundation. This will give CHF a permanent presence on West Coast. The managing director of CHF West will have an office in Berkeley.
  - d) ACS Fellows Program; already reported in 1), above.

Meeting adjourned at 7:40pm.

## **Appendices**

- Appendix 1: Quicken Summary, Income/Expenses to date
- Appendix 2: Proposed Table of Contents, Pacificchem Symposium Book
- Appendix 3: Future Symposia Schedule
- Appendix 4: Councilors' Report from San Diego
- Appendix 5: Joe Gal - Proposal for HIST Award Criteria and Processes
- Appendix 6: HIST Award SOP
- Appendix 7: Report from MPPG - Thematic Programming

## 2016 Itemized Categories Report - Year To Date

1/1/2016 through 3/1/2016

3/1/2016

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Date	Account	Num	Description	Memo	T... Clr	Amount
<b>INCOME</b>						<b>2,142.85</b>
<b>Bulletin - Lib</b>						<b>630.00</b>
1/8/2016	Busey...	DEP	CSubs/CSM Agen...	Deutsches Museum 2016	R	30.00
1/8/2016	Busey...	DEP	EBSCO - Ck#245...	Royal Soc Chem 2016	R	50.00
1/8/2016	Busey...	DEP	... Otto Harrassowitz ...	Stanford Univ	R	40.00
				Notre Dame Univ	R	40.00
1/15/2016	Busey...	DEP	EBCSO - Ck#2463...	Univ New Hamp 2016	R	40.00
1/15/2016	Busey...	DEP	... EBSCO - Ck#246...	2016 Nat Lib Med	R	40.00
				2016 Tokyo Kogyo U Lib	R	40.00
2/1/2016	Busey...	DEP	EBSCO - Ck#247...	Bib Hist Meida Valencia 2...	R	50.00
2/1/2016	Busey...	DEP	... LM Information Del...	2016 Statsbib Denmark	R	50.00
				2016 CarolinaBibl Sweden	R	50.00
2/19/2016	Busey...	DEP	Cornell University ...	2016	R	40.00
2/19/2016	Busey...	DEP	Lehigh University	2016	R	40.00
2/19/2016	Busey...	DEP	EBSCO - Ck#920...	2016 IQ-Inst de Quimica	R	40.00
2/19/2016	Busey...	DEP	Linda Hall Library	2016	R	40.00
3/1/2016	Busey...	DEP	Univ Of Cincinnati ...	2016		40.00
<b>Dividend</b>						<b>1,484.67</b>
<b>HIST Award</b>						<b>1,484.67</b>
1/8/2016	Busey...	DEP	Vanguard Wellingt...		R	1,484.67
<b>Int Inc</b>						<b>28.18</b>
1/29/2016	Busey...	DEP	Interest		R	13.62
2/29/2016	Busey...	DEP	Interest		R	14.56
<b>EXPENSES</b>						<b>-18,773.52</b>
<b>Award</b>						<b>-10,893.50</b>
<b>Pacificchem 2015</b>						<b>-10,393.50</b>
1/3/2016	Busey...	1206	Vera Mainz		R	-2,300.00
1/3/2016	Busey...	1207	Ned Heindel		R	-2,300.00
1/3/2016	Busey...	1208	Thomas Tidwell		R	-2,300.00
1/8/2016	Busey...	1210	Ian Rae		R	-2,300.00
2/15/2016	Busey...	1213	Masanori Kaji			-1,193.50
<b>S&amp;BS</b>						<b>-500.00</b>
1/3/2016	Busey...	1209	ACS NY Section	MARM 2016 Sharkey	R	-500.00
<b>Award-Non-Meeting</b>						<b>-5,380.02</b>
<b>Video Archive IPGA</b>						<b>-5,380.02</b>



## 2016 Itemized Categories Report - Year To Date

1/1/2016 through 3/1/2016

3/1/2016

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Date	Account	Num	Description	Memo	T...	Clr	Amount
2/1/2016	Busey...	1211	Chemical Heritage ...Inv	0116-03		R	-2,909.62
3/1/2016	Busey...	1214	Chemical Heritage ...Inv	0216-02			-2,470.40
<b>Separates</b>							<b>-2,500.00</b>
<b>Other Separates</b>							<b>-2,500.00</b>
2/9/2016	Busey...	1212	Univ of Illinois	account for HIST business		R	-2,500.00
<b>OVERALL TOTAL</b>							<b>-16,630.67</b>

# Igniting the Chemical Ring of Fire.

## Historical Evolution of the Chemical Communities in the Countries of the Pacific Rim

*Seth C. Rasmussen, Editor*

**Chapter 1. Introduction - From Early Chemical Technology to Independent Local Chemical Communities.** *Seth C. Rasmussen, North Dakota State University, USA*

### AUSTALIA

**Chapter 2. Vehicles for Discussion and Publication of Chemistry in 19th Century Australia.** *Tony Baker, University of Technology Sydney, AU*

**Chapter 3. Out with the old, in with the new: Australian chemists and the United States of America.** *Ian David Rae, University of Melbourne, AU*

### CANADA

**Chapter 4. Two Centuries of Chemistry in Canada.** *Thomas Tidwell, University of Toronto, CA*

### CHINA

**Chapter 5. History of the modern chemistry doctoral program in mainland China.** *Vera Mainz, University of Illinois, Urbana- Champaign, USA*

### JAPAN

**Chapter 6. International relations of the Japanese Chemical Community.** *Yoshiyuki Kikuchi, SOKENDAI National University, JP*

**Chapter 7. The transformation of organic chemistry in Japan: from Majima Riko to the third international symposium on the chemistry of natural products.** *Masanori Kaji, Tokyo Institute of Technology, JP*

**Chapter 8. Gen-its Kita and the Kyoto School's Formation.** *Yasu Furukawa, Nihon University, JP*

### KOREA

**Chapter 9. History of the Korean Chemical Society.** *Gary Patterson, Carnegie Mellon University, USA*

### NEW ZEALAND

**Chapter 10. The Development of Chemistry in New Zealand from its Settlement.** *Brian Halton, Victoria University, NZ*

### SINGAPORE

**Chapter 11. TBA.** *TBA (Publisher trying to help find an author)*

### TIAWAN

**Chapter 12. TBA.** *Masanori Kaji, Tokyo Institute of Technology, JP*

### UNITED STATES

**Chapter 13. Impact of the 1862 Morrill Land Grant College Act on chemistry education in the United States.** *Roger Egolf, Pennsylvania State University - Lehigh Valley Campus, USA*

**Chapter 14. How the German PhD model crossed the Atlantic: Professionalization of American Chemistry.** *Ned Heindel, Lehigh University, USA*

### VIETNAM

**Chapter 15. The Growth of Chemistry in Vietnam from Decolonization to the 21st Century.** *Pham Thi Ngoc Mai, Nguyen Thi Anh Huong, Pham Tien Duc, Hoang Quoc Anh, Ta Thi Thao, Vietnam National University, Hanoi, Vietnam*

## FUTURE HIST SYMPOSIA

Meeting Dates	Site	HIST symposia	HIST cosponsored symposia and Notes
March 13-17, 2016	San Diego	(1) <i>The Posthumous Nobel Prize in Chemistry. Correcting the Errors and Oversights of the Nobel Prize Committee</i> (Tom Strom) [ <b>Mon am/pm</b> ] (2) <i>Preceptors of Chemistry</i> (Gary Patterson) [ <b>1/2 day</b> ]	[Computers in Chemistry] <b>HIST cosponsor:</b> INOR: <i>Memorial Symposium Honoring Karen J. Brewer</i> [ <b>Tues -Weds</b> ]
August 21-25, 2016	Philadelphia	(1) <i>HIST Award Symposium Honoring Ursula Klein</i> (Mary Jo Nye and Gary Patterson) [ <b>Tues pm</b> ] (2) <i>Chemistry in America: 1676-1876</i> (Gary Patterson) [ <b>Mon am/pm</b> ] (3) <i>A Salute to Ted Benfey at 90: Science, History, Culture, and a Commitment to Humanism</i> (Jeff Seeman) [ <b>Sun pm</b> ] (4) <i>Charles C Price, 1965 ACS President: Exploring his legacy after 50 years</i> (Jan Hayes) [ <b>Tues am</b> ]	[Chemistry of the People, by the People and for the People] <b>HIST Tutorial:</b> Carmen <b>HIST cosponsor:</b> NTS: <i>Elements Old and New: Discoveries, Developments, Challenges, and Environmental Implications</i> [ <b>Weds</b> ] PRES: <i>C<sub>60</sub> and Robert F. Curl: The Citation for Chemical Breakthrough Award Honoring Rice University</i> [ <b>Sun am</b> ]
April 2-6, 2017	San Francisco	(1) <i>Chemistry through the eyes of non-chemists: evolution of the public perception of chemistry</i> (Dan Rabinovich and Nic Tsarevsky) (2) <i>The Science and Legacy of Glenn Seaborg</i> (Jan Hayes)	[Advanced Materials, Technologies, Systems and Processes]
August 20-24, 2017	Washington DC	(1) <i>HIST Award</i> [ <b>Tues pm</b> ]	[Chemistry's Impact on the Global Economy]
March 18-22, 2018	New Orleans		
Future		(1) <i>Disabled Chemists*</i> (Lewis) [ <b>1/2 day?</b> ] [co-sponsor: Chemists with Disabilities Committee?] (2) <i>The Manhattan Project—The Role of Unsung African American Scientists</i> (Sibrina Collins) [ <b>Half day</b> ]	* idea stage

**COUNCILOR REPORT**  
**DIVISION OF THE HISTORY OF CHEMISTRY**  
**251st ACS National Meeting – San Diego, CA**  
**March 16, 2016**

**Actions of the Council**

**Election Results**

**Candidates for President-Elect, 2017**

The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2017: Peter K. Dorhout, Thomas R. Gilbert, C. Bradley Moore, and Gregory H. Robinson. By electronic ballot, the Council selected Peter K. Dorhout and Thomas R. Gilbert as candidates for 2017 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

**Candidates for Districts II and IV**

The Committee on Nominations and Elections announced the results of the election held prior to the San Diego meeting to select candidates from the list of nominees to serve as Directors from District II and District IV on the Board of Directors for the term 2017-2019. By internet ballot, the Councilors from these districts selected George M. Bodner and Christina C. Bodurow as District II candidates; and Rigoberto Hernandez and Larry K. Krannich as District IV candidates. Ballots will be distributed on September 29, 2016 to all ACS members in District II and District IV for election of a Director from each District.

**Candidates for Directors-at-Large**

The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for 2017-2019 terms: Joseph A. Heppert, Kristin M. Omberg, Dorothy J. Phillips, and Kathleen M. Schulz. The election of two Directors-at-Large from among those candidates and any selected via petition will be conducted in the fall. Ballots will be distributed to the Council on September 29, 2016.

**Other Council Actions**

2017 Member Dues: The Council voted to set the member dues for 2016 at the fully escalated rate of \$166. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

**Academic Professional Guidelines**

After approving an amendment to the proposed revised Academic Professional Guidelines the Council approved the revised guidelines, subject to approval by the Board of Directors. The guidelines apply to those members of the academic community whose job function impacts directly or indirectly on scientists practicing the profession of chemistry.

**Resolutions**

The Council passed resolutions in memory of deceased Councilors; in gratitude for the officers and members of the San Diego Local Section, host Section for the 251st National Meeting; the divisional program chairs and symposium organizers; and ACS staff.

## Highlights from Committee Reports

### Nominations and Elections

N&E has established the Vote 20/20 Task Force, charged with examining all aspects of nominations and elections for ACS national offices, and designing an enhanced process to be in place by the year 2020. The committee welcomes ideas from all members as to how nominations and elections should be handled.

Send comments to [vote2020@acs.org](mailto:vote2020@acs.org)

### Budget and Finance

In 2015, ACS generated a Net from Operations of \$16.6 million, which was \$3.2 million favorable to budget. Total revenues were \$511.7 million, essentially on budget. Expenses ended the year at \$495.1 million, which was \$3.1 million or 0.6% favorable to budget. This variance was attributable to a continued emphasis on expense management across the Society. The Society's financial position strengthened in 2015, with Unrestricted Net Assets, or reserves, increasing from \$144.7 million at December 31, 2014 to \$163.3 million at year-end 2015.

Additional information can be found at [www.acs.org](http://www.acs.org), at bottom, click 'About ACS', then 'ACS Financial Information'. There you will find several years of the Society's audited financial statements and IRS 990 filings.

### Membership

As of December 31, the ACS membership was nearly 157,000, which is 0.96% less than on the same date in 2014. The number of new members who joined in 2015 is 25,000. The Society's overall retention rate is 84%. The committee also reported that the number of international members has increased to 26,022. That number is 965 higher than in December of 2014. The international growth rate is 3.85%.

Revisions to the Chemical Professional's Code of Conduct

### San Diego Meeting Attendance

As of Tuesday evening, March 15:

Attendees	8398
Students	5979
Exhibitors	1094
Expo only	473
Guest	383
Total	16,327

### Petitions to Amend Constitution and Bylaws

New petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than May 4 to be included in the Council agenda for consideration at the fall 2016 meeting in Philadelphia. Contact C&B with any questions or requests for information at [bylaws@acs.org](mailto:bylaws@acs.org)

The Executive Director/CEO Report

**Executive Director and CEO** Thomas M. Connelly, Jr. discussed ACS membership programs, reviewed the Information Technology area, and offered personal reflections on his first year as Executive Director and CEO. His direct reports updated the Board on the activities of Chemical Abstracts Service (CAS), the ACS Publications Division, the Office of the Treasurer and CFO, and the Society's Secretary and General Counsel.

### Presidential Succession

The members of the Presidential Succession briefed the Board on their current and planned activities for 2016. President Donna Nelson highlighted presidential programming at the San Diego meeting on employment and diversity in the chemical sciences, and on organic chemistry education. Also, a special discussion topic on the U.S. Employment of Chemists will be conducted at the Council meeting.

**HIST Councilors**

**Mary Virginia Orna** is presently in the second year of her first term as a full member of the Local Sections Activities Committee (LSAC). In addition, she has recently been appointed Chair of the LSAC Subcommittee on Communications as well as the LSAC Liaison to the Committee on Public Relations and Communications.

**Roger Egolf** continues to serve as a member of the Divisional Activities Committee (DAC). He chairs the DAC subcommittee on Governance and Annual Reports and also serves as the DAC Liaison to HIST and to the Division of Computers in Chemistry.

Respectfully submitted,

Mary Virginia Orna

Roger Egolf

**A Report to the Executive Committee of the Division of the History of Chemistry of the  
American Chemical Society**

**HIST AWARD CRITERIA AND PROCESSES**

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**What is the HIST Award?**

In principle, the HIST Award is defined by the award criteria. As of today, the award criterion is that which is published on HIST's website:

“The award recognizes an outstanding career of contributions to the history of chemistry.”

As a member of the HIST award selection committee, I can attest that this one sentence is the only official guidance provided to the award selection committee as well as to the community at large. This one-sentence criterion is vague and essentially leaves the criteria to the selection committee. This is akin to the tail wagging the dog, not the dog wagging the tail. Rather than the selection committees basing their decisions on guidance and criteria provided by HIST, the selection committees are essentially free to establish, on a year-by-year basis, their own unspecific and even personal criteria.

But in reality, the HIST Award criteria are characterized best by its recipients.

Perhaps the HIST award should less “recognize an outstanding career of contributions to the history of chemistry” and more “recognize outstanding contributions to the history of chemistry.”

The HIST Award should also reflect the best aspirations and achievements of HIST’s members and those making contributions to the history of chemistry that HIST’s members most admire and that impact on the scholarship, pedagogy, and interests of HIST and the American Chemical Society.

The HIST Award should not be duplicative of nor should it necessarily honor what would be honored by the History of Science Society or by the Society for the History of Alchemy and Chemistry. Those and other history organizations have (or should have) their own awards. The HIST award should be unique unto HIST and represent all that HIST treasures.

### **Award criteria**

During our selection process for the 2016 HIST award, the 2015 HIST awardee Christoph Meinel wrote to the committee members his view of the criteria and on which he based his vote:

“As far as I understood the selection procedure, it was our task to nominate the candidate whose life work, published or otherwise, has made outstanding contributions to the history of chemistry. This can be understood in three ways: (i) contributions to the historiography of chemistry in a more narrow and disciplinary sense; (ii) contributions which give the historical study of chemistry more visibility within historiography of science and general or cultural history at large; and (iii) contributions that maintain and raise historical awareness within the chemical community. All three ways are legitimate and important aims, if though directed towards different audiences; and all candidates of this year have something to offer in all these regards, if though to a different degree. I am sure all referees have taken these respective merits into account.”

For clarity, I point out one definition of “historiography”: Historiography is the study of the methodology of historians in developing history as an academic discipline, and by extension is any body of historical work on a particular subject.

In my opinion, Meinel’s criteria are either ambiguous or inappropriate for the HIST award, given that “historiography” has at least two meanings, one of which (“the study of the methodology of historians” is certainly not what HIST should be honoring). Furthermore, in my opinion, Meinel’s statement lacks several important criteria.



In my proposal for the criteria of the HIST award to be laid out below I will use the following terms as defined here:

“Historiography” will refer to any body of historical work on a particular subject.

“History of chemistry community” refers to members of HIST first, then members of the American Chemical Society second, then members of other national chemical societies third, then individuals who have received their Ph.D. degrees or the equivalent in chemistry but are not currently a member of any chemical society.

**Proposal of HIST award criteria:**

1. Contributions to the historiography of chemistry in a disciplinary sense
2. Contributions that provide analysis and understanding of the body of chemistry, especially that body of chemistry of relevance to currently active chemists, and that maintain and raise historical awareness within the chemical community
3. Contributions that give the historical study of chemistry a greater value and more visibility within the historiography of science.
4. Contributions that improve the knowledge of the history and development of chemistry to the broader public beyond the chemical and history-of-science communities and raise historical awareness to the broader public.
5. Service to the history of chemistry community with especial preference to service to the Division of History of Chemistry of the American Chemical Society and to the American Chemical Society; that is, “good citizenship” to the history of chemistry community and to HIST and to ACS.
6. The award-selection committee should be mindful that the award’s prestige, authority, and influence depend on it honoring a diversity of the individuals and the nature of their achievements. Thus, any concentration of awardees by nationality or sub-discipline should be avoided. This also includes eras of historical study. It is highly recommended that each year’s award committee review carefully the past ten year’s recipients so that this criterion is considered in its final decision.
7. The awardee must agree to participate in an award symposium at the fall national meeting of the American Chemical Society following the announcement of the awardee. The awardee also

agrees to publish a paper of HIST-award quality in the *Bulletin for the History of Chemistry*.

Each of Criteria 1-5 are important and the selection committees should give preference to candidates that have made contributions to all five of these criteria in preference to those candidates that may have established themselves to the highest level in fewer of the criteria.

With regard to criteria 2 - 4, the work recognized by the HIST award should not only represent exceptional scholarship and other contributions to the historiography of chemistry but should also impact a large number of individuals beyond the small concentration of historians of chemistry and chemist-historians. That is, it is important that the individuals being recognized make contributions of value to chemists.

With regard to criterion 5, this is a HIST award, not a History of Science Society award or a Society for the History of Alchemy and Chemistry award. Service to those other organizations is commendable but should be recognized, first and foremost, by those societies.

With regard to criterion 7, it is important to note that every recipient of the Dexter Award from 1987 (the first year that the *Bulletin* was published) to 2001 and all of the recipients of the Edelstein Award (2002-2009) published an award paper in the *Bulletin*. However, not one of the HIST awardees (William Newman, Ernst Homburg nor Christoph Meinel) has published an award paper in the *Bulletin*.

### **Membership of the HIST Award Selection Committee**

Chosen by the HIST Executive Committee, the HIST Award Selection Committee is charged to select the awardees based on the criteria of the award, not based on their own personal or professional prejudices. See section D below, "Conflict of Interest."

### **Real or Potential Conflict of Interest**

Because the history of chemistry communities represent a small number of individuals, it is likely that members of the award selection committee will have close personal and/or professional relationships with one or more of the nominees. This knowledge is an asset in their ability to judge the qualifications of that nominee. However, this knowledge can move from a potential conflict in interest to a real conflict in interest if the committee member does not thoroughly review and consider every candidate's nomination package prior to making any decision and does not give every candidate the full opportunity to receive the highest rankings.

The responsible-conduct-of-research literature contains much discussion that distinguishes between *potential* and *real* conflict of interest. It is up to each and every member of the selection

committee to act with the highest level of professionalism, sometimes going beyond what one might consider to be “fair” so that each and every candidate is treated equally.

We should hesitate to institute rigid rules that require, for example, that an individual who has published with a nominee or who has even nominated an individual must recuse himself or herself. Why? Because there are always ways around rules for those whose sense of ethics falls short of what is required when being a member of an award selection committee. For example, a member of the HIST award selection committee can ask a colleague to nominate a third colleague “because I am on the award committee and cannot make nominations.” Knowing that this type of behavior cannot be policed renders rules for recusal an encouragement for surreptitious behavior.

There is another argument against enforced recusal rules. The Chemical Heritage Foundation actually asks members of its awards selection committees to make nominations for those very same awards. Likely, CHF recognizes that the more knowledge the awards selection committee members have about the nominees, even if they make the nominations themselves, the more robust their selections will be.

It will also be wise to have each member of the award selection committee reveal all potential conflicts of interest regarding the candidates and to have each sign a statement that they have not encouraged anyone to be a surrogate nominator.

### **Award Selection Process**

The award selection process should go beyond collecting votes and tallying numbers. The process should involve discussion among the selection committee members. For example, each member could be required to assess each candidate on each of the criteria and provide all the other members of the selection committee a table of their analyses. This could then serve as the basis for an open discussion, perhaps electronically, on each candidate.

## The HIST AWARD and AWARD COMMITTEE PROCEDURES

Updated July 2015

**Including information to be placed on the HIST website (as specified below)  
and information to be distributed by the HIST Secretary every year to the Committee members and to  
HIST's Chair, Chair-Elect, Program Chair, Historian and Archivist**

### THE HIST AWARD for Outstanding Achievement in the History of Chemistry

The HIST Award for Outstanding Achievement in the History of Chemistry is sponsored and administered by the Division of the History of Chemistry of the American Chemical Society. The award, which consists of an engraved plaque and a check for \$1500, is presented annually at the Fall Meeting of the ACS. The HIST Award, awarded annually since 2013, succeeds the Sidney Edelstein award (2001-2009) and the Dexter Award (1956-2000). Winners are expected to attend the Fall National Meeting of the American Chemical Society and give an Award address at a symposium organized in their honor. They are also expected to contribute a paper to the Division's journal, the *Bulletin for the History of Chemistry*. This article is usually taken from the Award address, but it can be on another topic if necessary. The other presenters at the Award symposium are also encouraged to submit an article on their Award address to the *Bulletin*.

It should be emphasized that the award is international in scope and that nominations are welcome from all quarters. Previous winners have included historians and chemists from Germany, France, Holland, Hungary, and Great Britain.

1. The HIST Award Committee shall consist of five members. One member will be the HIST Past-Chair and another member should be a very active member of HIST. The Chair of the committee will be the HIST Past-Chair, who serves a two year term. All other individual appointments are for a period of two calendar years. The terms of the other four members are staggered by a year, in pairs.
2. New appointments are made by the HIST Division chair effective as of 1 January of the next calendar year. In principle, one new appointment needs to be made each calendar year.
3. The names and terms of the committee members shall be a matter of public record and placed on the HIST website.
4. The Chair shall assume the position by 1 December of the year prior to their chair term. Responsibilities of the various participants shall include:

**1 January:** The awards committee chair shall collect all nomination materials and distribute these to the other committee members along with a letter summarizing the candidates and nominators

**1 February:** The awards committee shall determine that year's winner. The chair of the Jury Committee should communicate the result to the winner and the winner's nominator, as the nominator has primary responsibility to arrange the award symposium. The chair of the Jury Committee should also tell the nominators of the other candidates that their candidates did not win this year. The result should also be communicated to:

a. *The Chair of the Division*, who will write the letter of congratulations to the winner and inform the HIST Executive Committee of the name of the awardee. Sometimes the successful nominator asks to perform this task.

b. *The Program Chair*, who will request an abstract of the HIST Award Address from the winner and make all arrangements for the Awards Luncheon or Dinner at the Fall National Meeting. These include selection of the time, location, menu, tickets, and the sending of invitations to the current ACS President and/or ACS President-Elect. The Program Chair also provides assistance regarding hotel accommodations and guest registration for the winner. In addition to the award, the Division covers the cost of the one-day registration and the luncheon/dinner for the winner and their spouse. Up to \$1500 in travel expenses will be reimbursed at the request of the winner. Either the Program Chair or the Chair of the Division may serve as Master of Ceremonies at the Awards Luncheon/Dinner.

c. *The HIST Archivist/Historian or his/her assignee for*, who will request a photograph and vita of the winner, will prepare a biography for the HIST website

d. The HIST Sec/Treas, who will communicate an appropriate announcement of the award to *Chemical & Engineering News*, *Chemical Heritage*, and to other appropriate outlets. The HIST Sec/Treas will also request copies of the HIST Award Address for publication in the Bulletin and encourage the other presenters at the Award symposium to submit their addresses for publication in the *Bulletin*. A sample of this message is included as part of the SOP.

**1 June:** Placement of calls for nominations for next year's award in the appropriate journals using the list obtained from the previous chair. This call will specify a due date of 1 January of the coming year and that the nominations be sent directly to the incoming chair of the committee. The chair of the Jury Committee shall also send a memo to the nominators of unsuccessful candidates asking if they wish to renominate their candidate for the next year and, if so, if they wish to update the candidate's file. This memo should be returned to the incoming chair.

**1 July:** Arrangement for a formal citation to be read at the Awards Luncheon/Dinner outlining the reasons for the Committee's selection. The actual presenter may be a member of the committee or the person most responsible for the winner's nomination. The choice of the presenter should be communicated to the Program Chair.

**1 December:** Give to the incoming chair all documents relating to the selection of that year's winner, including the nominations materials, the summary letter, copies of the call for nominations, the list of journals, all form letters and a copy of the committee's procedures.

**1 December:** The outgoing chair of the award committee shall collect all information on the nominees NOT selected and forward this material to the upcoming chair of the award committee. Awardee and deposit with the Divisional Archivist/Historian one set of all of the materials for the previous year's award which were received from the previous chair upon assuming office in January and send that information to the HIST Archivist/Historian or his/her assignee.

## NOMINATIONS

Nominations for the HIST Award should be submitted to the current Chair of the HIST Award Committee no later than 1 January of the year in question. For example, for the 2015 Award, solicitations should be sent out in 2014. Nominations need to be received by December 2014. The committee then makes a decision via the timetable above.

Each nomination should consist of the following following (may be sent electronically as indicated in the announcement, or in triplicate if sent by hard copy):

- 1) A curriculum vitae for the nominee, including, as appropriate, biographical data, educational background, awards, honors, publications, presentations, and other service to the profession;
- 2) A letter of nomination, which summarizes the nominee's substantive achievements in the field of the history of chemistry and cites his/her unique contributions that merit a major award;
- 3) At most two seconding letters. and
- 4) Copies of no more than three publications

#### **PREVIOUS WINNERS OF THE HIST AWARD**

2013 William Newman  
2014 Ernst Homburg  
2015 Christoph Meinel

#### **PREVIOUS WINNERS OF THE SIDNEY M. EDELSTEIN AWARD**

2002 John Parascandola  
2003 David Knight  
2004 Joseph B. Lambert  
2005 William B. Jensen  
2006 Peter J. T. Morris  
2007 Anthony S. Travis  
2008 Sir John Shipley Rowlinson  
2009 Trevor H. Levere

#### **PREVIOUS WINNERS OF THE DEXTER AWARD**

1956 Ralph E. Oesper  
1957 Willams Haynes  
1958 Eva Armstrong  
1959 John Read  
1960 Denis Duveen  
1961 James R. Partington  
1962 Henry M. Leicester  
1963 Douglas McKie  
1964 Eduard Farber  
1965 Martin Levey  
1966 Earle R. Caley  
1967 Mary Elvira Weeks  
1968 Aaron J. Ihde  
1969 Walter Pagel  
1970 Ferenc Szabadvary  
1971 Wyndham D. Miles  
1972 Henry Guerlac  
1973 Bernard Jaffe  
1974 No Award  
1975 Jan W. Van Spronsen  
1976 Trevor I. Williams  
1977 Modesto Beltran (Modesto Bargallo)  
1978 George Kauffman  
1979 Joseph Needham  
1980 Maurice Daumas  
1981 Cyril Stanley Smith  
1982 John H. Wotiz  
1983 Arnold Thackray  
1984 Maurice Crosland  
1985 Robert Multhauf  
1986 Robert Anderson  
1987 Allen Debus  
1988 Lutz F. Haber

1989 D. Stanley Tarbell  
1990 Colin A. Russell  
1991 Owen Hannaway  
1992 John T. Stock  
1993 Joseph S. Fruton  
1994 Frederic L. Holmes  
1995 William H. Brock  
1996 Keith J. Laidler  
1997 Bernadette Bensaude-Vincent  
1998 Seymour H. Mauskopf  
1999 Mary Jo Nye  
2000 Alan J. Roche  
2001 William A. Smeaton

**HIST Award Committee Members 2016**

Ned Heindel, HIST Past-Chair, Chair (2015-2017)  
William Newman (2014-2016)  
Ernst Homburg (2015-2017)  
ACTIVE HIST MEMBER (2016-2018)  
NEW MEMBER (2016-2018)

**HIST Award Committee Members 2015**

William Newman (2014-2016), Chair  
James Marshall (2013-2015)  
Ernst Homburg (2015-2017)

**HIST Award Committee Members 2014**

James Marshall (2013-2015), Chair  
Joseph Lambert, (2013-2014)  
William Newman (2014-2016)

**HIST Award Committee Members 2013**

Joseph Lambert, (2013-2015), Chair  
Anthony Travis (2013)  
James Marshall (2013-2015)



## CALL FOR NOMINATIONS

The Division of the History of Chemistry of the American Chemical Society (ACS) solicits nominations for the (*Current Year*) HIST Award for Outstanding Achievement in the History of Chemistry. The award, sponsored by and administered by the Division of the History of Chemistry, consists of an engraved plaque and a check for \$1500 and is presented annually at the Fall National Meeting of the ACS. The award is international in scope and nominations are welcome from all quarters. Previous winners have included historians and chemists from the United States, Germany, France, Holland, Hungary, and Great Britain. Nominations should include a complete vita for the nominee, consisting of biographical data, educational background, awards, honors, publications, presentations, and other services to the profession; a nominating letter summarizing the nominee's achievements in the field of the history of chemistry and citing unique contributions which merit a major award; and at least two seconding letters. Copies of no more than three publications may also be included, if available. All nominations should be sent electronically or in triplicate if sent by hard copy to (*Name of Current HIST Secretary/Treasurer*), Secretary/Treasurer of HIST, (*Email and Address of Current HIST Secretary/Treasurer*), by 1 January (*Next Year*).

This call for nominations should be submitted to the following journals by June 1st or earlier of the preceeding calendar year. For example, the call for nominations for the 2015 Award should be submitted no later than June 1, 2014. The nominations should be received by December 31, 2014.

*Chemical and Engineering News*

*The Bulletin for the History of Chemistry*

*Ambix*

*Chemical Heritage*

*The Journal of Chemical Education*

*History of Science Society Newsletter*

*Mitteilungen Fachgruppe Geschichte der Chemie, Gesellschaft Deutscher Chemiker*

*The websites of appropriate organizations, including that of HIST; this includes: CHEM-HIST at:*

*[http://www.uni-regensburg.de/Fakultaeten/phil\\_Fak\\_I/Philosophie/Wissenschaftsgeschichte/philch.htm](http://www.uni-regensburg.de/Fakultaeten/phil_Fak_I/Philosophie/Wissenschaftsgeschichte/philch.htm)*

*The ACS Cut & Paste and the Leading Together newsletters [Leading Together goes out to all officers*

*And other journals as the committee and HIST sees fit.*

Sample Text of Message Sent to Winner

It is my pleasure to tell you that you are the winner of the XXXX HIST Award for Outstanding Achievement in the History of Chemistry. This award is sponsored by the History of Chemistry (HIST) Division of the American Chemical Society.

As a winner of the 20XX HIST Award you are requested to give an Award address at the Fall XXXX American Chemical Society meeting, scheduled for the Tuesday of the meeting, DATE, during a symposium held in your honor. We request that you publish your Award address in the Division's journal, the *Bulletin for the History of Chemistry*. If for some reason the Award address cannot be published in the *Bulletin*, a paper on another topic will be accepted.

The HIST Award comes with a \$1500 honorarium and up to \$1500 in additional funds to cover travel expenses to the XXXX American Chemical Society meeting. Your registration for the meeting would also be covered by HIST. The award symposium is usually scheduled for the Tuesday of the meeting, which would be XXXX DATE. The travel expenses covered would include air fare as well as hotel, again, up to \$1500. If you have additional travel expenses, you can choose to use part or all of the honorarium to cover them. One of the former HIST Award winners used the entire honorarium and additional travel allotment to cover his travel expenses, making it simpler than reporting additional income. When you get a better idea of what your expenses will be please let me know how you would like to proceed. In the past I have also released the honorarium amount early to the winner in order to help pay for travel expenses, although I cannot release any additional funds until the travel has taken place.

Please let me know if you will be able to accommodate this rest. I will also be requesting papers from the other presenters at your Award symposium.

## ***National Meeting Themes and Organizers***

<b>Meeting</b>	<b>Theme</b>	<b>Organizer(s)</b>	<b>Email</b>
232 <sup>nd</sup> , September 10-14, 2006, San Francisco, CA	Recovery from and Prevention of Natural Disasters	Ruth Hathaway	ruthhathaway@msn.com
233 <sup>rd</sup> , March 25-29, 2007, Chicago, IL	Chemistry for a Sustainable Future: Energy, Food and Water	Ken Anderson, Sharon Shoemaker, Benito Marinas	spshoemaker@ucdavis.edu marinas@illinois.edu
234 <sup>th</sup> , August 19-23, 2007, Boston, MA	Biotechnology for Health and Wellness; Chemistry of Systems Biology; Nutritional Genomics	Han Shen; Les McQuire; John Finley	jfinley@agcenter.lsu.edu Les@LesMcQuire.org
235 <sup>th</sup> , April 6-10, 2008, New Orleans, LA	Energy in the Environment: Energy, Environment, Water	Mike Morello, M. Mercedes Maroto-Valer, Andrew Jackson, Eberhard Morgenroth	mike.morello@pepsico.com
236 <sup>th</sup> , August 17-21, 2008, Philadelphia, PA	Chemistry for Health: Catalyzing Translational Research	Kinam Park	kpark@purdue.edu
237 <sup>th</sup> , March 22-26, 2009, Salt Lake City, UT	Nanoscience: Challenges for the Future	Paul Weiss	psw@cnsi.ucla.edu
238 <sup>th</sup> , August 16-20, 2009, Washington, DC	Chemistry and Global Security: Challenges and Opportunities	Sadiq Shah	sadiq.shah@csuci.edu
239 <sup>th</sup> , March 21-25, 2010, San Francisco, CA	Chemistry for a Sustainable World	Laura Pence	lpence@hartford.edu
240 <sup>th</sup> , August 22-26, 2010, Boston, MA	Chemistry for Preventing and Combating Disease	John Finley and Kenneth Jacobson	jfinley@agcenter.lsu.edu kjacobs@helix.nih.gov
241 <sup>st</sup> , March 27-31, 2011, Anaheim, CA	Chemistry of Natural Resources	Ann-Christine Albertsson	aila@kth.se
242 <sup>nd</sup> , August 28 - September 1, 2011, Denver, CO	Chemistry of Air, Space, and Water	Ronald Cohen	rccohen@berkeley.edu
243 <sup>rd</sup> , March 25-29, 2012, San Diego, CA	Chemistry of Life	Peter Senter	psenter@seagen.com
244 <sup>th</sup> , August 19-23, 2012, Philadelphia, PA	Materials for Health and Medicine	Xinqiao Jia	xjia@udel.edu
245 <sup>th</sup> , April 7-11, 2013, New Orleans, LA	Chemistry of Energy and Food	James Seiber	jnseiber@ucdavis.edu
246 <sup>th</sup> , September 8-12, 2013, Indianapolis, IN	Chemistry in Motion	Robert Weiss	rweiss@uakron.edu
247 <sup>th</sup> , March 16-20, 2014 Dallas, TX	Chemistry and Materials for Energy	Michelle Buchanan & Nitash Balsara	buchananmv@ornl.gov; nbalsara@berkeley.edu
248 <sup>th</sup> , August 10-14, 2014 San Francisco, CA	Chemistry and Global Stewardship	Robin Rogers	rdrogers@as.ua.edu

<b>Meeting</b>	<b>Theme</b>	<b>Organizer(s)</b>	<b>Email</b>
249 <sup>th</sup> , March 22-26, 2015, Denver, CO	Chemistry of Natural Resources	Robert Weber	Robert.Weber@pnnl.gov
250 <sup>th</sup> , August 16-20, 2015 Boston, MA	Innovation from Discovery to Application	Carston R. Wagner	wagne003@umn.edu
251 <sup>st</sup> , March 13-17, 2016, San Diego, CA	Computers in Chemistry	Kenneth M. Merz	kmerz1@gmail.com
252 <sup>nd</sup> , August 21-25, 2016, Philadelphia, PA	Chemistry of the People, by the People and for the People	Rudy Baum	r_baum@acs.org
253 <sup>rd</sup> , April 2-6, 2017, San Francisco, CA	Advanced Materials, Technologies, Systems and Processes	Kathryn Beers	kathryn.beers@nist.gov
254 <sup>th</sup> , August 20-24, 2017, Washington, DC	Chemistry's Impact on the Global Economy	Nancy Jackson	nbjacks@sandia.gov
255 <sup>th</sup> , March 2018, New Orleans, LA	The Food, Energy, Water Nexus		
256 <sup>th</sup> , August 2018, San Diego, CA	Nanotechnology		
257 <sup>th</sup> , March 31-Apr. 4 2019 Orlando, FL	Chemistry for New Frontiers		
258 <sup>th</sup> August 25-29, 2019, San Diego, CA	Chemistry Water		
259 <sup>th</sup> , March 2020, San Francisco, CA	TBD		
260 <sup>th</sup> , August 2020, Philadelphia, PA	Chemistry from Bench to Market		