

HIST Executive Committee Meeting, August 16, 2020

Teleconference – San Francisco ACS National Meeting

The meeting was called to order at 3pm CDT.

Attending: Dan Rabinovich, Nick Tsarevsky, David Lewis, Janan Hayes, Roger Egolf, Gary Patterson, Carmen Giunta, Mary Virginia Orna, Vera Mainz, Seth Rasmussen, John Sharkey, Ron Brashear, Art Greenberg

MINUTES

- 1) **Welcome and announcements**, Dan Rabinovich
- 2) **Secretary-Treasurer's Report**, Vera Mainz
 - a. Minutes of the March 22, 2020, Executive Committee meeting was approved via email vote on August 12, 2020.
 - b. 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 9% in 2018 and 5% in 2019. See the summary below. The income does not include the HIST symposium support, so if the totals are within \$500, income and expenses essentially balanced.
 - c. In a general way HIST is doing well. There is \$115,277.58 of unobligated funds as of July 31, 2020. In general, HIST has \$100,000 in a money market fund earning about \$1 in interest monthly (since April 2020) and has about \$45,000 in our checking account. These amounts have been stable for the last few years, so we are basically spending our income. With the spring meeting cancelled and no programming at the fall meeting, our expenses are mostly related to the *Bulletin*.

HIST Award Summary

Dividends				
	2011-2012	\$	1,543.76	4%
	2013	\$	3,813.53	8%
	2014	\$	3,749.04	6%
	2015	\$	3,871.57	6%
	2016	\$	2,837.86	5%
	2017	\$	3,784.41	6%
	2018	\$	5,480.42	9%
	2019	\$	3,166.23	5%
	2020	\$	916.61	2%

Income		Expenses		Difference
2013	\$ 6,675.33	\$ (6,882.90)	\$	(207.57)
2014	\$ 6,119.04	\$ (4,440.65)	\$	1,678.39
2015	\$ 6,454.58	\$ (4,789.32)	\$	1,665.26
2016	\$ 7,742.53	\$ (7,286.86)	\$	455.67
2017	\$ 10,982.11	\$ (10,348.39)	\$	633.72
2018	\$ 5,053.24	\$ (5,594.70)	\$	(541.46)

2019	\$	5,771.23	\$	(5,960.91)	\$	(189.68)
2020	\$	2,416.61	\$	(403.00)	\$	2,013.61

TOTALS	\$	51,214.67	\$	(45,706.73)	\$	5,507.94
Available			\$	7,051.70		

d) Treasurer's Report. The Quicken summary of income/expense for 2020 to date is attached.

TOTAL OBLIGATED FUNDS as of 07/31/2020

Citations Travel		\$	4,103.16
Citations		\$	1,631.56
Archives IPGA + James J. Bohning Memorial Fund		\$	2,413.44
MVO Nat Inv IPGA		\$	265.08
Past Pres IPGA		\$	2,715.14
SERMACS IPGA		\$	2,222.30
HIST Award (Contributions + Dividends)		\$	7,051.70
See and Be Seen		\$	1,500.00
Fontani Book Fund - Fontani HIST membership		\$	250.00
Past Pres		\$	2,715.14
HIST Award Symp F2020	\$1500 + 500	\$	2,000.00
HIST - Statistical Mech Chain Molecules		\$	500.00
Bader Symp	\$500 + 500	\$	1,000.00
IPG Tsarevsky Arts		\$	3,400.00
		\$	31,767.52

Vanguard Fund - HIST Match		\$	30,150.50
Vanguard Fund - Lambert 2012 + 2013 + 2014		\$	30,000.00
TOTAL Endowment		\$	60,150.50

BANK BALANCE as of 7/31/2020

Checking account	\$	46,044.45
Total checks not cleared 03/19/2020	\$	-
Deposits not cleared 03/19/2020	\$	-

AVAILABLE - Checking	\$	46,044.45
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AVAILABLE - Savings	\$	101,000.65
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TOTAL AVAILABLE	\$	147,045.10
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TOTAL UNOBLIGATED FUNDS as of 8/5/2020

	\$	115,277.58
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- e. Dan and I attended the zoom DOC meeting (the slide deck is ATTACHED). DAC is planning on changing the allocation formula, but Roger may address that more fully in his report. The allocation for 2021 is planned to be an average of the past 3 years, which gives HIST a good number. The eventual new formula will continue to feature meeting attendance, so HIST will need to consider programming, even if the meeting is only virtual.
 - f. Vera was impressed that ACS is reporting 4000 presentations are scheduled for San Francisco, with 6600 registered. However, many division officers attending the zoom DOC meeting indicated that \$350 for an all-virtual meeting is too much, and recommended that M&E consider a much lower registration fee for an all-virtual meeting, or for those attending a hybrid meeting virtually.
- 3) **Report from Program Chair, Nicolay Tsarevsky, ATTACHED**
- a. ATTACHED - Resilience of Chemistry is the meeting theme for the Fall 2021 Atlanta, GA, ACS meeting. Nick is asking for some help with the programming because of the format and submission. He suggests we wait until we see what happens; appreciates Carmen's suggestion. Carmen suggested that we may need another short on-line Executive Committee meeting to talk about the Spring 2021 programming in Sept/Oct, 2020.
 - b. Nick reported that 22% of abstracts have been withdrawn so far for the San Francisco meeting. He noted that because of the limited allocation of meeting rooms the big divisions were really hurt (in terms of number of papers or posters accommodated) and there was no mechanism to give rooms not used to those who could use them. Both Nick and Vera believe we need to consider on-line participation in meetings because of the changing allocation formula, but more importantly to maintain a presence within ACS. Roger will report on the M&E meeting later and said members of M&E are pushing the Board to make an early decision (before December) on whether the Spring 2021 San Antonio meeting will be virtual or in person or some type of hybrid.
 - c. To review, all programming for Philadelphia (Spring 2020) was cancelled by ACS. Other regional meetings, such as SERMACS (New Orleans) were also cancelled. HIST withdrew all talks for San Francisco (Fall 2020). The topic for San Antonio (Spring 2021) is the same as for Philadelphia – Macromolecular Chemistry 2nd Century. Nick, Gary, and Seth's History of Polymer Science symposium planned originally for Philadelphia will now go to Spring 2021. Jan Hayes reported that there will not be a Past Presidents symposium in San Antonio and will pick it up at another time. Seth's planned Springer Briefs symposium might also go to San Antonio. The 2020 HIST Award symposium may need to move to Spring 2021 or be planned as a stand-alone event in 2021. Roger said M&E is recommending ACS reinstate Thursday programming and use it for award symposia that have been rescheduled from Philadelphia. Looking forward to 2021 programming, David noted it will be the 150th Anniversary of Aleksei Chichibabin's birth. David believes a virtual or mostly virtual symposium could be an opportunity to include Russian chemists and historians.
 - d. For Atlanta, Fall 2021 – Programming could include the 2021 HIST Award; Seth and Nick have recommended Sibrina Collins consider a symposium in conjunction with her contributions of African American chemists ACS volume;

History of Forensic Chemistry (Nick). Seth recommended we move his History of Glass symposium to San Diego (Spring 2022).

- 4) Roger reports from M&E that ACS believes the last traditional meeting was San Diego. They believe the model going forward will be hybrid. San Antonio will likely be completely virtual. Atlanta will likely be hybrid. The future will be hybrid meetings – a small proportion of live attendance and the rest virtual. The current thought is that sessions can be different lengths. If you want to run a symposium with a group of papers that come one after another, etc. (“concept symposia” or the normal symposia in HIST programming), the problem with the San Francisco programming is that the “live” sessions are 2 hours long. HIST “normal” full day symposia would thus require 2 “virtual” full days. Jan wondered whether one could present a 10 minute intro to their “on-demand” talk if ACS won’t allow longer symposia. Nick asked if he knows when they will make a decision about the Spring 2021 abstract submission date. Roger said that question will be on the agenda to discuss at the next Board meeting. Normally, the Board would meet before the national meeting, so it may have already occurred. Meeting staff and M&E strongly advise a decision about meeting format be made before the call for papers. Nick asked about the on-demand option – will there be any option for speakers to answer questions. Roger said there is supposed to be an option for speakers to answer questions after the final talk in the symposium. Mary Virginia said her Q&A won’t happen as she has a conflict for that time. Roger said there is supposed to be a way to have an interaction with the on-demand talks, but no one has had the experience. Seth asked if ACS Publications has weighed in on this as many publishers consider on-demand talks as a publication. Roger said that is why speakers were given the choice of embargoing talks.
- 5) Gary noted that large meetings may not be the best venue for HIST. Perhaps we should consider to moving our meetings to a smaller venue, such as the Science History Institute (SHI). Mary Virginia noted that the Rubber Division has been having meetings offsite and still gets their allocation, so there is a mechanism for those meeting attendances to count toward the allocation formula. Roger reported that M&E was considering pushing meetings to off-site locations. Art thinks Gary’s suggestion is a good one, but has a concern as to how HIST could stay connected to national meetings, in particular with recruiting new members via walk-ins to HIST talks. Mary Virginia says maybe we should consider moving HIST programming to regional meetings but Roger says their future is also in doubt. The Rubber Division has been successful in having one on-site meeting with the National meeting and one off-site and independent from the national meeting. HIST benefits from having the on-site meeting with the National meeting as we get walk-in attendees. Nick said we could do off-site and post our own talks on-line and make them available to members only. Roger said M&E is considering one large national meeting and then divisions have their own meetings for the second. David says SHI has a larger distribution list than HIST’s so maybe they could include our programming in their newsletter. Nick said he thought we should ask Gary to move forward with his contact with SHI and this was approved unanimously. Mary Virginia said DAC had already had their San Francisco meeting. She said she would bring the option of separate Divisional meetings but still include attendance at those meetings in the allocation formula.
- 6) **Report from Councilors**, Mary Virginia Orna and Roger Egolf, **ATTACHED**

- a. Mary Virginia – The DAC meeting was held last Thurs. She described it as “all at sixes and sevens.” There was very little productive discussion at this meeting. The members believe they are being asked to reconsider the entire technical division and local section structure of the ACS, especially with the growth of international chapters whose members may not have any divisional membership. There are more than 4000 members with no divisional or local section membership. Mary Virginia believes ACS should award every person a free division membership as part of their membership dues so that every member would have divisional representation. Local sections should consider new roles as many LSAC are on life support, so it is obvious their purpose needs to be reconsidered, even to abolish the current structure and reform them. Vera talked about the MAC suggestions for restructuring membership from the DOC meeting. They are considering an a la carte type of membership. For example, there would be 2 levels of membership before reaching our current member status and access. Jan asked about regional meetings and M&E, and Roger said they did talk about it and regional meetings have been cancelled for this year. Roger said that M&E thought regional meetings might take up much of the programming load of the national meetings, but they have had issues finding people to organize regional meetings as the LSAC model is falling apart. Jan said the regional meetings are used by many universities that require oral presentations and should be concerned. Vera noted that many faculty and staff at the research 1 universities no longer look at participation in their local section as service, nor are they rewarded for participation by their departments for that service. Carmen asked about IPG proposals and Mary Virginia noted they were not discussed at all. She has previously reported on the new criterion for inclusion (20%) for new IPGs.
- b. Roger has already talked about most of his report. The M&E outlook is that the whole world is changing and nobody knows quite what is going on. There has not been a Board decision yet about future meetings. ACS staff has been operating without the mandate to make a profit on meetings this year. Future might include a smaller live component and a larger on-line component, that is, a hybrid meeting.

7) Report from Chair-Elect, Seth Rasmussen

- a. Pacifichem 2020 – HIST symposium is completely sessioned but we don’t know what that means in terms of what will happen. The meeting will not take place in December 2020 as planned but will move to December 2021. Jan 24, 2021 is currently set as the next new call (or reaffirmation) for abstracts. The abstract window will close in April and we will re-visit the sessioning for the HIST symposium. They are currently planning this as a full in-person meeting. There are 15 talks scheduled, 4 not requiring support by HIST, 11 with HIST support. This gives us two full sessions and an abbreviated evening session. Nick asked for a short update for the newsletter.
- b. HIST Fellows Program – The **ATTACHED** standard operating procedure for the program was approved unanimously. The next step is announcing it and dealing with the first class of fellows. The discussion centered around how we start the program. The number of fellows appointed was left up to the division. Art asked if we have any target for induction and Seth thought maybe 10 for the first year,

which would likely be more than the number in a “normal” year. Vera recommended Seth pick at least 2 people to serve with him and make up ad-hoc committee to recommend how to start. Carmen noted that once the ad-hoc committee makes a decision about proceeding, announcements should go to the Bulletin and the newsletter.

- c. Commission for the History of Chemistry and the Molecular Sciences (CHCMS), International Union of History and Philosophy of Science and Technology (IUHPST) (18th Century forward time frame) – Seth was asked to become active in this group. He’s agreed to give a talk in Prague, July 25-31, 2021 and then would understand better how HIST can become involved. Mary Virginia said the International Conference on Chemical Education in South Africa (ICCE) also will be in July 2021 (postponed from this year).
- 8) **Report from Past Chair**, Ronald Brashear;
Ron is on the program committee for the 13th International Conference on the History of Chemistry to be held in Vilnius, Lithuania, May 15-22, 2021. The deadline for abstract submission is Dec 1, 2020. T
- 9) **Report from the HIST Awards Subcommittee**
 - a. Jury Committee for 2021 award - Ron Brashear/Dan Rabinovich; Larry Principe is the 2020 HIST Award winner.
 - b. Jury Committee for 2017, 2018 and 2019 Outstanding Paper Awards - Dan Rabinovich. Dan announced that the 2017 winner is Carmen Giunta’s paper on identifying the breakthrough publication on isotopes for a CCB award, published in v42, 2017. Gary noted there bio is posted for the OPA winners, so he will work with Carmen to finish one and make it available via the HIST website. Dan reported that discussions are still continuing for choosing the 2018 and 2019 winners.
- 10) **Report from Archivist**, John Sharkey;
John reported that the archives Finding is up to date and posted on the HIST website under Other Information, at the top of the page. To review what he does as archivist, John saves all emails and attachments he gets, prints them all out and saves them in archival folders, which then go to SHI to the HIST archives, and then updates the finding aid. Currently, there are 51 archival boxes of material and the Finding is up to 50 pages. John supports Gary’s suggestion to have SHI host at least one HIST meeting/year at SHI.
- 11) **Report from Bulletin Editor**, Carmen Giunta;
 - a. **ATTACHED** – There was a general discussion of a possible name change for the Bulletin. Carmen’s wants us to think about how those outside of HIST perceive the Bulletin. Carmen asked about marketing experience (a survey, for example) to see if this change is necessary or wanted, but targeting those outside of HIST. David suggested that ½ page ads or a 1-2 page article/editorial in JACS, for example, or in CEN and *Angewandte Chemie*, as well as a news blurb sent to other history of science societies might help advertise the name change. Or this same approach could be used to simply help advertise the Bulletin without a name change. One suggestion was a one page note, historical essay or editorial about the HIST division turning 100 years old in 2022, and the start of the Bulletin in 1988, and other important activities of the division. Carmen is withdrawing the

proposal for the name change for now. He suggests the formation of a publicity committee to work in concert with the HIST 100th anniversary activities.

- b. **ATTACHED** – Dan Rabinovich spoke about alternative ways to modernize or increase the appeal of the Bulletin to a broader audience and/or improve HIST membership that don't require a name change. Carmen noted that color is of limited utility in attracting people as they have to find the Bulletin before they can see the color. There was a discussion of possible special issues and Carmen reported that the current IPG proposal is about a special issue of the Bulletin for the HIST 100th anniversary. Virtual issues is something that came up when Carmen was in discussions with ACS Pubs. This might include an issue or multiple issue comprised of all the past OPA papers. Seth noted that DOI certifications make a difference in getting the journal recognized. Carmen reported that he now has a complete database of articles and fields and we need to work with UIUC librarians. This had been intended to happen this year, but the pandemic switch to all virtual classes and the closure of many libraries to in-person use has disrupted our schedule. Mary Schlembach is the contact at UIUC.

12) Report from Historian, Gary Patterson; ATTACHED;

Gary is at work on the HIST Centennial history. He has several chapters already completed. Gary wants to get all the members of the current division involved in providing comments and text about what they know about. He suggests we have around 10 working groups to put chapters together. The plan is to have the history done by the end of 2022. Mary Virginia is willing to do a chapter on HIST ACS symposium volumes. Carmen suggested a call for chapters or volunteers for helping to provide content and Gary agreed to send text to Carmen. Vera suggested that when the email she sends out for newsletter goes out, she feature this call for help up front.

13) Report from the Alternate Councilors, Art Greenberg – no report; Nicolay Tsarevsky

- a. MPPG Meeting Themes Update – Nick will include them in the future symposium list.

14) OLD BUSINESS:

- a. ACS Fellows Program – both nominations failed.
- b. Jan Hayes – Past President's project; Jan noted that she hasn't done much on organizing symposia for a while. She is instead spending her time improving the list of past-presidents and their biographical information on the ACS website. She would welcome volunteers to help with that project. Carmen noted that a call for help could be placed in the Newsletter for this meeting if she can get it to Nick.

15) NEW BUSINESS:

- a. **ATTACHED** - HIST Funding Request form – Dan Rabinovich. This is revised from San Diego. The intent would be to have anyone requesting money from HIST submit it to the Sec/Treas for vote either via email or at the next Executive Committee meeting. The form would be posted on the website, likely on the Future Symposia page. Mary Virginia noted that with everything in flux about the national meetings, we need to wait to see how the virtual meeting format pans out and suggested we move it to Old Business for the next Exec. Comm. Meeting. This was approved.

- b. Nick's IPG Elemental Art contest has received about 25 submissions so far. The deadline is currently August 31, 2020 and Nick suggests an extension to Dec. 31, 2021, and publish another ad in CEN. Of the 25, he believes only about 12 are eligible. The current CEN ad copy is ATTACHED.

The meeting was adjourned at 5:00pm.

Appendices

Appendix 1: Quicken Summary, Income/Expenses to date

Appendix 2: DOC Slide Deck

Appendix 3: Future Symposia Schedule

Appendix 4: Resilience of Chemistry Slide Deck

Appendix 5: Councilor's Report, San Francisco, Fall 2020

Appendix 6: HIST Fellows SOP [Approved]

Appendix 7: Carmen Giunta – What's in a name – Bulletin Discussion

Appendix 8: Dan Rabinovich – HIST & Bulletin Enhancement Ideas

Appendix 9: Historian's Report Chair-elect Report: Pacifichem and

Appendix 10: HIST Funding Request Form

Appendix 11: *Chem. Eng. News* Advertisement for Elemental Art Contest

1/1/2020 through 8/5/2020

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Date	Account	Num	Description	Memo	Tag	Clr	Amount
INCOME							29,657.57
Allocation ACS							17,832.98
Other Allocation ACS							17,832.98
3/20/2020	Busey ...	DEP	ACS/EFT Remittance	2020 Allocation		R	17,832.98
Bulletin - Lib							470.00
1/2/2020	Busey ...	DEP	EBSCO - Ck#3104243	2020 Univ New Hampshire		R	40.00
1/13/2020	Busey ...	DEP	EBSCO - Ck#3106926	2020 Nat Lib Med		R	40.00
1/13/2020	Busey ...	DEP	Cox Subscriptions Ck#13859387	2020 U Mich		R	40.00
1/13/2020	Busey ...	DEP	... Museo Di Storia Della Scienza	2020 Museo Galileo		R	50.00
1/22/2020	Busey ...	DEP	... Cornell University PayPal Payment	2020		R	40.00
1/27/2020	Busey ...	DEP	Beijing Book Co. - Ck#188493	2020		R	40.00
1/27/2020	Busey ...	DEP	Prenax Subscription Ck#83558	2020		R	40.00
2/22/2020	Busey ...	DEP	Univ Of Cincinnati Ck#0522916	2020		R	40.00
2/22/2020	Busey ...	DEP	LM Information Delivery Ck#16248	2020 Univ de Valencia Bibl		R	50.00
2/22/2020	Busey ...	DEP	... Museum Boerhaave	2019		R	50.00
3/12/2020	Busey ...	DEP	Lehigh University Ck#10345270	2020		R	40.00
Dividend							2,002.48
HIST Award							2,002.48
1/13/2020	Busey ...	DEP	Vanguard Wellington Fund Investor Shares			R	1,085.87
4/2/2020	Busey ...	DEP	Vanguard Wellesley Income Fund Investor S...			R	241.05
4/2/2020	Busey ...	DEP	Vanguard Wellington Fund Investor Shares			R	237.94
7/17/2020	Busey ...	DEP	Vanguard Wellington Fund Investor Shares			R	200.02
7/17/2020	Busey ...	DEP	Vanguard Wellesley Income Fund Investor S...			R	237.60
Donations							1,850.00
HIST Award							1,500.00
3/20/2020	Busey ...	DEP	... Vera Mainz			R	1,500.00
OPA							350.00
3/20/2020	Busey ...	DEP	... Vera Mainz			R	350.00
Dues Income							6,195.00
ACS							6,090.00
3/19/2020	Busey ...	DEP	ACS/EFT Remittance 766363	Jul-Dec 2019		R	6,090.00
Direct from Members							105.00
4/22/2020	Busey ...	DEP	... Ana Goldfarb			R	35.00
6/1/2020	Busey ...	DEP	... Ernst Homburg - Via Paypal			R	35.00
6/1/2020	Busey ...	DEP	... Roberto Ferrari - Via Paypal			R	35.00
Grants & Awards							500.00
Bader Symp							500.00

2020 Itemized Categories Report - Year To Date

1/1/2020 through 8/5/2020

8/5/2020

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Date	Account	Num	Description	Memo	Tag	Clr	Amount
1/17/2020	Busey ...	DEP	ACS/EFT Remittance	Pres Award for Bader		R	500.00
Int Inc							38.65
1/31/2020	Busey ...	DEP	Interest			R	14.56
2/29/2020	Busey ...	DEP	Interest			R	11.97
3/31/2020	Busey ...	DEP	Interest			R	8.75
4/30/2020	Busey ...	DEP	Interest			R	0.83
5/31/2020	Busey ...	DEP	Interest			R	0.85
6/30/2020	Busey ...	DEP	Interest			R	0.83
7/31/2020	Busey ...	DEP	Interest			R	0.86
Royalties							768.46
4/2/2020	Busey ...	DEP	... Oxford University Press Ck#0040105999	Chemistry & Sci Fic		R	0.60
				Atoms in Chemistry-Dalton's		R	19.33
				Posthumous Nobel I		R	19.05
				Posthumous Nobel II		R	215.16
				Chem Tech Antiquity vol 1211		R	3.28
				Preceptors in Chemistry vol 1273		R	11.04
5/19/2020	Busey ...	DEP	ACS/EFT Remittance 11015084	Grant instead of royalties for vol...		R	500.00
EXPENSES							-17,415.98
Award							-2,303.00
HIST Award							-403.00
3/9/2020	Busey ...	1419	Stellar Kent	2020 plaque-Principe		R	-403.00
IPG Elemental Art							-1,500.00
3/24/2020	Busey ...	1421	ACS/Invoice #A6116978	CEN advertisement		R	-1,500.00
SWRM 2019							-400.00
1/16/2020	Busey ...	1415	James L. Marshall	SWRM 2019		R	-200.00
1/16/2020	Busey ...	1416	Charles M. Folden III	SWRM 2019		R	-200.00
Bank Chrg							-11.98
PayPal Transaction Fee							-11.98
1/13/2020	Busey ...	DEP	... Museo Di Storia Della Scienza	PayPal transaction fee		R	-2.50
1/22/2020	Busey ...	DEP	... Cornell University PayPal Payment			R	-1.46
2/22/2020	Busey ...	DEP	... Museum Boerhaave			R	-2.50
4/22/2020	Busey ...	DEP	... Ana Goldfarb			R	-1.84
6/1/2020	Busey ...	DEP	... Ernst Homburg - Via Paypal	PayPal transaction fee		R	-1.84
6/1/2020	Busey ...	DEP	... Roberto Ferrari - Via Paypal			R	-1.84
Bulletin							-13,925.24
Postage							-755.24
6/17/2020	Busey ...	1425	Carmen Giunta	Bulletin postage 45(1)		R	-597.74

1/1/2020 through 8/5/2020

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Date	Account	Num	Description	Memo	Tag	Clr	Amount
7/17/2020	Busey ...	1426	Carmen Giunta	Bulletin postage 45(1)		R	-157.50
Other Bulletin							-13,170.00
4/28/2020	Busey ...	1422	Le Moyne College	Bulletin expenses		R	-12,000.00
6/5/2020	Busey ...	1424	Agnes Soderbeck	No. 45(1)		R	-1,170.00
Division Admin							-674.47
DLC-P2C2							-674.47
1/27/2020	Busey ...	1417	Daniel Rabinovich	ACS Leadership Institute		R	-249.47
5/1/2020	Busey ...	1423	ACS/Invoice #17490281	Dan Rabinovich		R	-425.00
Office							-475.00
Tax Prep							-475.00
2/12/2020	Busey ...	1418	Daniel E. Holder And Associates	2019 Tax Prep Form 990-EZ		R	-475.00
Postage							-26.29
Office							-26.29
3/15/2020	Busey ...	1420	Vera Mainz			R	-26.29
TRANSFERS							0.00
Busey Checking							0.00
2/13/2020	Busey ...		SAVINGS	keep account active		R	-1,000.00
2/20/2020	Busey ...		SAVINGS	keep account active		R	1,000.00
6/1/2020	Busey ...		SAVINGS	keep account active		R	-1,000.00
6/8/2020	Busey ...		SAVINGS	keep account active		R	1,000.00
Busey Savings							0.00
2/13/2020	Busey ...	TXFR	SAVINGS	keep account active		R	1,000.00
2/20/2020	Busey ...	TXFR	SAVINGS	keep account active		R	-1,000.00
6/1/2020	Busey ...	TXFR	SAVINGS	keep account active		R	1,000.00
6/8/2020	Busey ...	TXFR	SAVINGS	keep account active		R	-1,000.00
OVERALL TOTAL							12,241.59



ACS
Chemistry for Life®

Division Officers and Councilors Caucus

Friday, August 14, 2020

1:00 p.m. – 2:30 p.m. EDT

Please keep your microphone muted unless speaking. Questions can be submitted in the chat during a report or verbally after. **For attendance please put your name, affiliation (division), email address in the chat.**

Division Officers and Councilors Caucus
Friday, August 14, 2020
1:00 p.m. – 2:30 p.m. EDT



AGENDA

1. Call to Order and Welcome Remarks
Mary Ann Meador, Chair, Division Officers Caucus
Mary Engelman, Chair, Division Councilors Caucus
2. Approval of San Diego, CA Minutes

Report Schedule

- | | |
|---|------------------|
| 3. Committee on Membership Affairs, Brian Mathes | 1:05 – 1:15 p.m. |
| 4. Election for Chair, DOC | 1:15 – 1:25 p.m. |
| 5. Committee on Divisional Activities, James Takacs | 1:25 – 1:50 p.m. |
| Special Division Allocation Formula Discussion | |
| 6. Meetings and Expositions Update, Robin Preston | 1:50 – 2:05 p.m. |
| 7. Committee on Committees, Emilio Esposito | 2:05 – 2:15 p.m. |
| 8. Committee on Budget and Finance, Kathy Gibboney | 2:15 – 2:25 p.m. |
| 9. Adjourn | 2:30 p.m. |



The background image shows four diverse professionals (two women and two men) standing and smiling. Each person is holding a large, colorful puzzle piece. From left to right, the puzzle pieces are blue, teal, olive green, and pink. The puzzle pieces are interlocking, symbolizing teamwork and membership.

Membership 2.0

Brian Mathes
Chair, ACS Committee on Membership Affairs

What does value mean to our members?



BENEFITS
THAT MATTER
TO CHEMISTS

>



COST OF
MEMBERSHIP

AND



REASON FOR
JOINING



REASON FOR
STAYING



CAREER-
BUILDING

How Is MAC Supporting This?

- Passage of the Petition in April 2020
- Board resolution in March 2020 on the temporary floor for component allocations (through 2025), contingent on further action to transform membership
- On an annual basis:
 - MAC will now work with B&F and other stakeholders to recommend changes to dues and benefits of membership
 - Present recommendations to Council in the Spring of every year for action
 - Council validates the new Schedule or retains the previous years'

Hypothesis α**	Community Affiliate \$0	Regular Member - Associate \$50	Regular Member* \$150
Concierge Call-in Number / VIP Reception / Special Event Invitations / etc.			
SciFinder and Publications Benefits			✓
ACS Meeting, Education, and Workshop Discounts			✓
Webinars Archive Unlimited Access			✓
Career & Leadership (Consulting, Salary Calc, Workshops)		✓	✓
Local Section Affiliation		✓	✓
Ability to Join a Technical Division		✓ Pay	✓ 1 Included
Eligible for Individual ACS Grants and Fellowships		✓	✓
Ability to Vote, Volunteer for Governance Positions, Accrue Years of Service		✓	✓
C&EN	✓Essential Digital	✓Digital	✓Digital or Print
ACS Network Community, Newsletters, Live Webinars, and other Content	✓	✓	✓
Make Your Voice Count for Chemistry & Advocacy	✓	✓	✓

*Provision for more significant **student discount** as part of today's membership

**Names, prices, and exact benefits may change as research findings are revealed

Research – Two Significant Projects

Community Test	Perceived Value Research
<ul style="list-style-type: none">• Over 12,000 Community [Affiliate] Members as of July 31st (all were current users of ACS resources)• 40% acceptance rate among non-member registrants) (significant interest)• A total of 29 conversions to paid memberships to date	<ul style="list-style-type: none">• Conjoint analysis of value of current and future value of ACS membership and benefits• More rational process to build dues and benefits (vs. dues escalator), 5,300+ respondents• Results shows 52% in demand over current model and 2% increase in revenue

Board Resolution – Allocations (March 20, 2020)



In anticipation of the Petition on Membership and Dues scheduled for action by Council, the Board adopted the following resolution on setting a temporary floor for dues allocations.

...

Therefore Be It Resolved, that **should new membership offerings be implemented** which negatively impact overall dues revenue, the ACS Board of Directors commits to **(1) ensure through the budgeting process that the overall amount available for allocations to local sections and divisions through the dues pool over the period 2021 through 2025 does not drop below the 2018 level (\$3.04M), and (2) revisit this commitment for 2026 and beyond.**

MAC Open Session

Join the Committee on Membership Affairs (MAC) on **Sunday, August 16th, from 3–4 PM (EST)** where Brian Mathes, Chair, will present a brief update on work underway and provide ample time for Q&A.

Meeting link and password:

<https://bit.ly/OpenMAC>

Password: 482399

FEEDBACK, THOUGHTS, AND QUESTIONS?

Please message us at mac@acs.org

Appendix

Petition on Benefits and Dues and Vote on Schedule of Membership

To:

- Make the process of packaging and pricing membership more flexible

It will:

- Remove hard-coded rules around dues and benefits from the Bylaws and move them into Standing Rules

So that:

- The Committee on Membership Affairs (MAC) can offer versions of membership that are:
 - scaled back and less expensive,
 - appealing for members who are price sensitive, and/or
 - more specific, relevant products, less or more options for those interested.

What is NOT changing?

- Eligibility
- Full Council oversight (cannot make any changes without approval by Council)
- Dues or discounts

What happens to Allocations?

The Board of Directors is working to secure a means by which the overall dues pool allotment to the Technical Divisions and Local Sections would in no way be negatively impacted.

Division Officers and Councilors Caucus
Friday, August 14, 2020
1:00 p.m. – 2:30 p.m. EDT



AGENDA

1. Call to Order and Welcome Remarks
Mary Ann Meador, Chair, Division Officers Caucus
Mary Engelman, Chair, Division Councilors Caucus
2. Approval of San Diego, CA Minutes

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| 5. Committee on Divisional Activities, James Takacs | 1:25 – 1:50 p.m. |
| Special Division Allocation Formula Discussion | |
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| 9. Adjourn | 2:30 p.m. |

Caucus Election

Chair, Division Officer Caucus

Kate Beers



Kate has served in assorted roles and served on several award committees for the ACS. Selected ACS roles include:

- ACS Poly Division,
 - Secretary-Chair succession-newly elected Councilor
- ACS National Meeting Thematic Chair
- Member of GCI Advisory Board

NIST (National Institute of Standards and Technology) in Gaithersburg, MD.

Debbie Crans



Debbie has served in several committees and has held assorted positions in Divisional and local ACS. Some positions include:

- Inorganic Chemistry Division
 - Councilor, Chair Succession, Bioinorganic Chemistry Subcommittee Chair, Assistant Program Chair, Program Chair
- Colorado Section Chair
- Associate Member Committee on Meetings and Expedition
- 2020 Co-Chair of Rocky Mountain Virtual Regional Meeting

Professor of Chemistry and Cell and Molecular Biology, Professor Laureate of the College of Natural Sciences, Fellow of the Faculty Institute for Inclusive Excellence, Dept. of Chemistry, Colorado State University

Jingbo Louise Liu



Jingbo believes she can make a real difference and promote this great society of ours, as both an educator and a researcher. The chemical science progression and dissemination are something that she is passionate about.

- Division of Energy and Fuels: Chair, Program Chair
- Participate MPPG symposium
- Launched ENFL "Monthly Invited Talks Series"

Professor of Chemistry, JSPS Invitation Fellow and US Air Force DEBI Fellow,
Professor of Chemistry, Texas A&M Energy Institute and Texas A&M University-
Kingsville, Recipient of the JSPS Invitation Fellow and the US Air Force DEBI Fellow

Leigh Martin



Leigh has served in the Industrial and Engineering Chemistry Division (I&EC) in several capacities and wants to volunteer to assist ACS in achieving its mission and goals.

- Industrial and Engineering Chemistry Division
 - Chair Succession, Councilor, Alternate Councilor
- I&EC, Special task force and committee teams
- Member of ACS Committee on Membership Affairs

Oak Ridge National Labs-Nuclear Chemical Engineer-Process Engineering Research,
British Nuclear Fuels on the Process Chemistry Team, Washington State University,
INL as a Radiochemist

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Report from the Committee on Divisional Activities

ACS Councilor Caucus
Fall National Meeting
August 2020

ACS Council Committee on Divisional Activities Agenda, Thursday, August 13



1. **Introductions and Chair's Remarks.**
 - Welcome – Jim Takacs
 - Approval of Minutes from the last two virtual meetings (VOTE)
 - Review Agenda
 2. **Updates and future meeting plans.** Robin Preston (Information 15 minutes)
Updates related to the Fall 2020 Meeting, as well as issues related to the San Antonio and Atlanta 2021 National Meetings will be discussed.
 3. **Future Council Representation report –Council Policy Committee.** Martin Rudd (Discussion, 30 minutes)
 4. **Allocation Plans Proposal 2021 Spring National.** (Action, 20 Minutes)
Discussion and formation of a working group to propose potential formulae by end of October.
 5. **Membership Affairs Committee Update.** Brian Mathes. (Information, 10 minutes)
 6. **Promoting Diversity, Inclusion and Respect and Removing Systemic Barriers within ACS Committees.** (Information and Action, 20 minutes)
 7. **UN Sustainable Development Goals Update.** Mary Kirchhoff (Information, 15 minutes)
 8. **Subcommittee Reports** (10 minutes each)
 - Governance & Reporting – John Long & Marge Matthews.
 - Technical Programming & Collaboration – Jennifer Hollingsworth & Elsa Reichmanis
 - Communications & Technology – Huw Davies & Susan Olesik
 - Multidisciplinary Program Planning Group – Christine McInnis
 - Divisional Enhancement & Outreach – Janet Bryant & Graham Peaslee
 9. **Review of Action Items and New Business.**
-

Allocations: ACS Bylaw XIII, Finances Section 2 b.

- An annual allocation from SOCIETY funds equivalent to **20 percent** of SOCIETY dues revenue applicable to the **second preceding year** shall be made to provide for financial support of Local Sections and Divisions. This allocation shall be divided between Local Sections and Divisions with 55 percent of the allocation for Local Section support and **45 percent of the allocation for Division support.** (9/15/09)

Note: The allocations for 2021 are based upon the 2019 Dues Pool. The calculated amount yields \$2.849M available for Divisions and Local Sections. However, the Board resolution passed in April set a temporary floor at \$3.040M (i.e., \$1.368M for Divisions, \$1.672M for Local Sections) for 2021.

Bylaw VIII, Section 6 (Technical Divisions)



Dues funds allocated by provisions elsewhere in these Bylaws for the support of Divisions shall be distributed in accordance with procedures developed by the Committee on Divisional Activities and approved by Council. The Committee on Divisional Activities shall review the procedures and may present recommendations for changes at any spring meeting of the Council. Once every three years, or earlier if requested by the Committee on Divisional Activities, Council shall at its spring meeting review these procedures and provide for such changes as it shall deem appropriate. This distribution shall be contingent upon receipt of the annual report prior to a forfeiture date as specified by the Committee on Divisional Activities and **shall include a base allotment, an allotment tied to total membership, and distributions based on other factors such as programming, Society initiatives, strategic planning and Board directives.** (6/6/03)

Divisional activities currently considered in the Allocation Formula



Currently Included:

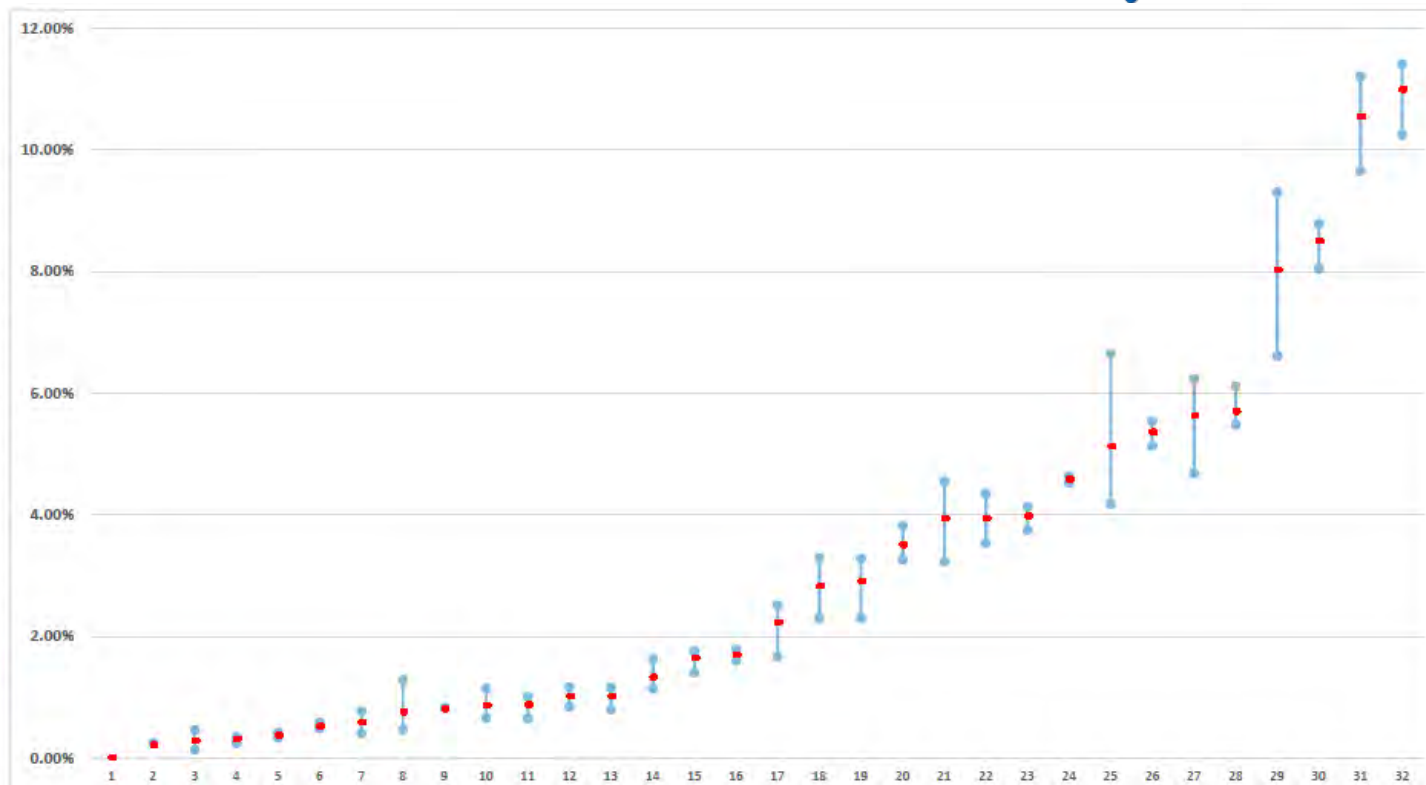
- Innovative Project Grants - 10% of the total pool
- Base Allotment to all Divisions - 15% of the total pool
- Per Member Allotment - 12.5% of the total pool
- Programming Allotment - 62.5% of the total pool
 - *# of members at meeting (25% of the Programming Allotment Pool)*
 - *# of posters presented (25% of the PA pool)*
 - *# of attendees at Oral Sessions (50% of the PA pool)*

DAC Recommendation: Base the 2021 Allotment on the average percentage of the “Programming Allotment Pool” received by the Division over the past three years (2017-2019).

Three-Year Average Percentage of the National Meeting (NM) Pool Received by Divisions



Max	Min	Aver	Spread
0.00%	0.00%	0.00%	0.00%
0.25%	0.18%	0.22%	0.07%
0.46%	0.13%	0.28%	0.33%
0.35%	0.24%	0.31%	0.11%
0.42%	0.33%	0.37%	0.09%
0.59%	0.48%	0.52%	0.11%
0.77%	0.40%	0.58%	0.37%
1.28%	0.47%	0.75%	0.82%
0.83%	0.77%	0.80%	0.06%
1.14%	0.66%	0.86%	0.48%
1.01%	0.65%	0.88%	0.36%
1.16%	0.84%	1.01%	0.32%
1.16%	0.80%	1.02%	0.36%
1.64%	1.14%	1.33%	0.50%
1.76%	1.41%	1.64%	0.35%
1.79%	1.59%	1.69%	0.19%
2.51%	1.66%	2.23%	0.85%
3.29%	2.30%	2.82%	1.00%
3.28%	2.30%	2.90%	0.98%
3.82%	3.26%	3.50%	0.56%
4.55%	3.24%	3.93%	1.31%
4.35%	3.53%	3.95%	0.82%
4.13%	3.75%	3.97%	0.38%
4.63%	4.52%	4.58%	0.11%
6.64%	4.18%	5.12%	2.47%
5.53%	5.13%	5.36%	0.40%
6.23%	4.68%	5.63%	1.55%
6.11%	5.48%	5.69%	0.63%
9.31%	6.61%	8.03%	2.69%
8.79%	8.04%	8.50%	0.75%
11.20%	9.65%	10.55%	1.55%
11.41%	10.25%	10.99%	1.16%
3.45%	2.77%	3.13%	0.68%



DAC Working Group: Revising the Allocation Formula for 2022 and Beyond



Currently Included:

- Innovative Project Grants - 10% of the total pool
- Base Allotment to all Divisions - 15% of the total pool
- Per Member Allotment - 12.5% of the total pool
- Programming Allotment - 62.5% of the total pool
 - *# of members at meeting (25% of the Programming Allotment Pool)*
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 - *# of attendees at Oral Sessions (50% of the PA pool)*

Your thoughts, please.

Division Officers and Councilors Caucus
Friday, August 14, 2020
1:00 p.m. – 2:30 p.m. EDT



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Fall 2020 Virtual Meeting & Expo Stats



Content1 Consent Completions	
Incomplete	2222
All Inclusive Option (SciMtgs)	1735
Virtual Platform Only	1655
Embargoed Option	640
Presentation Uploads	4067

Abstract Withdrawal Rate	
Total submissions	7574
Withdrawals to date	1640
Withdrawal rate	22%

Exhibits/Sponsorships	
145%	to budget
# of Exhibitors	70

Registration	
77%	to budget
Budget	7400
Actual	5680
Variance	-1720
International	975

First-Timer	
1st ACS meeting?	Registration
Yes	1849
No	3816
No Response	16

of Countries Represented 60

Member conversions 729

Registrations Days out	
Days out	# of registrants
26	84
25	351
24	261
23	65
22	64
21	238
20	239
19	297
18	233
17	217
16	68
15	74
14	396
13	419
12	423
11	657
10	798
9	40
8	27
7	153
6	161
5	192
4	222


**PHOTO
BOOTH &
VIRTUAL
BACKGROUNDS**


WELCOME




**NETWORKING
ROOMS**


351

**BROADCAST AND
LIVE SESSION
SCHEDULE**

**TECHNICAL
PRESENTATIONS**



**VISIT
EXPO**


 **ACS Publications**
Most Trusted. Most Cited. Most Read.


TECHNICAL HELP DESK

**ACS
MEMBER
SERVICES
&
RENEWAL
DISCOUNT**


2021 Spring National Meeting & Expo



- Meeting dates: March 21 – 25, 2021
- Location: San Antonio, TX
- Where are we in the planning process?
- Potential Challenge?

Division Officers and Councilors Caucus
Friday, August 14, 2020
1:00 p.m. – 2:30 p.m. EDT



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Recommendation to Disband ACS Joint Board-Council Committee on Chemical Abstracts Service (CCAS)

Divisional Officers and Divisional Councilors Caucus
Friday, August 14, 2020

Presenting On Behalf of ConC:

Emilio Esposito

Rodney Bennett

Rationale for Recommendation

- Committee on Committees (ConC) values volunteer time and contributions
- ConC hopes volunteer experience is impactful and meaningful
- Chemical Abstracts Service (CAS) has changed: Dynamic and competitive business environment
- CAS uses multiple methods and venues to collect input/feedback
- CCAS members worked hard to identify purpose/role and appropriate actions for committee – over multiple years
- Governing Board for Publishing has oversight responsibilities for CAS
- ConC could not define an impactful and meaningful role for CCAS
 - The need for a Council-related committee has gone away

Committee on Chemical Abstracts Service



The duties of this committee shall include the following, *inter alia*:

- (a) develop an informed, constructive, and supportive relationship with the SOCIETY body established by the Board of Directors to manage and conduct the affairs of Chemical Abstracts Service, including reporting of each group's activities to the other;
- (b) serve as a channel for information flow between the Governing Board for Publishing, SOCIETY members, and individual Chemical Abstracts Service users to help assure that each party's needs and support are researched, recognized and appreciated;
- (c) encourage and consider suggestions from the membership concerning CAS and send or provide these suggestions to the Governing Board for Publishing and the SOCIETY's Board of Directors;
- (d) respond to requests by the Governing Board for Publishing that will assist in furthering the Chemical Abstracts Service mission; and,
- (e) inform the Council and the Board of Directors of the Committee's activities.

Governing Board for Publishing

Purpose:

- The Board established the Governing Board for Publishing and delegated to it the general responsibility and authority for the operations and performance of Chemical Abstracts Service (CAS) and the Publications Division except for the appointment of editors and editorial content of journals and magazines.

Membership includes:

- Two members of the SOCIETY with executive experience (one from industry and one from academia) but who are not members of the Board
- Two individuals with senior management experience relevant to the operations of the Publications Division, only one of whom may be a SOCIETY member, but not a member of the Board (12/4/04)
- *Eight of the ten current members of GBP are ACS members*

CAS communications with Members, Governance, and Customers



- Governing Board for Publishing and ACS BoD (quarterly)
- CAS Customer Center inquires (daily)
- Customer Success Representatives in field
- Global event participation, with reps fielding questions, engaging in product demonstrations, etc. (often include thought leaders)
- Membership Division engagement
- SciFinder® member Benefit program
- Customer surveys (informal and formal)
- Brand Feedback and Positions Research
- Alpha and Beta testing
- Direct Customer Voice

If Council Approves ConC Recommendation



- If Council approves the recommendation, it will then go to the ACS Board of Directors for ratification
- ConC will seek new committee appointments for all CCAS members, based on their interests

Division Officers and Councilors Caucus
Friday, August 14, 2020
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Report from the Society Committee on Budget and Finance

ACS Councilor Caucus
Fall National Meeting
August 2020

2020 Financial Highlights*

As of June 30, 2020



- **Net from Operations – \$49.1M**
 - \$23.7M higher than 2019 Actual
- **Total Revenues – \$302.7M**
 - \$14.3M (5.0%) higher than 2019 Actual
- **Total Expenses – \$253.6M**
 - \$9.4M (3.5%) lower than 2019 Actual

*Note: Excludes ACSI, ACS Petroleum Research Fund and the Member Insurance Program

Revenues and Expenses

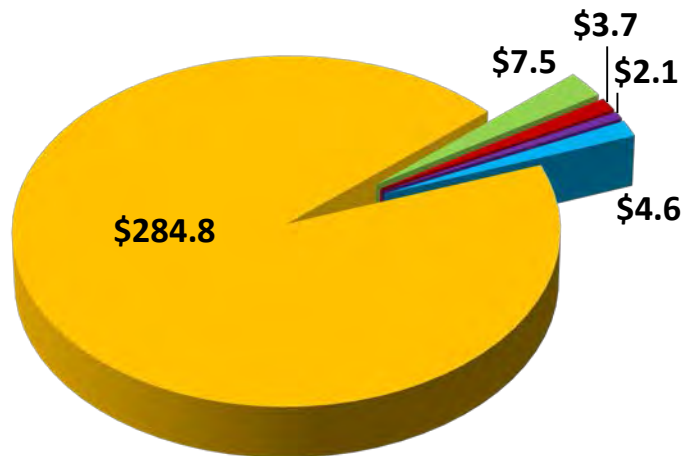
2020 YTD Actuals

(\$ in Millions)



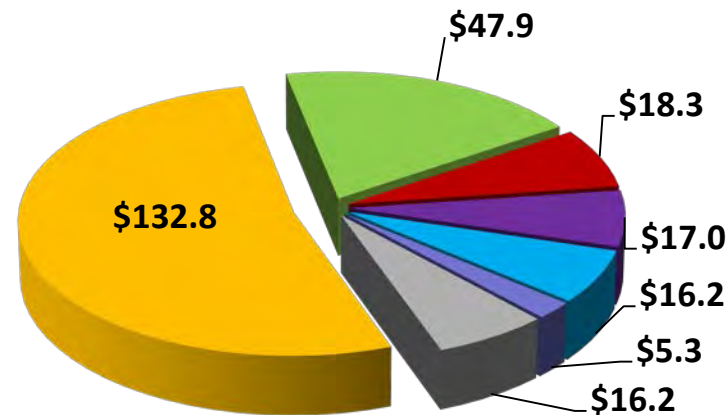
ACS
Chemistry for Life®

Total Revenues: \$302.7M



- Electronic Products & Print Services
- Investment Income
- Dues
- Advertising
- Other

Total Expenses: \$253.6M

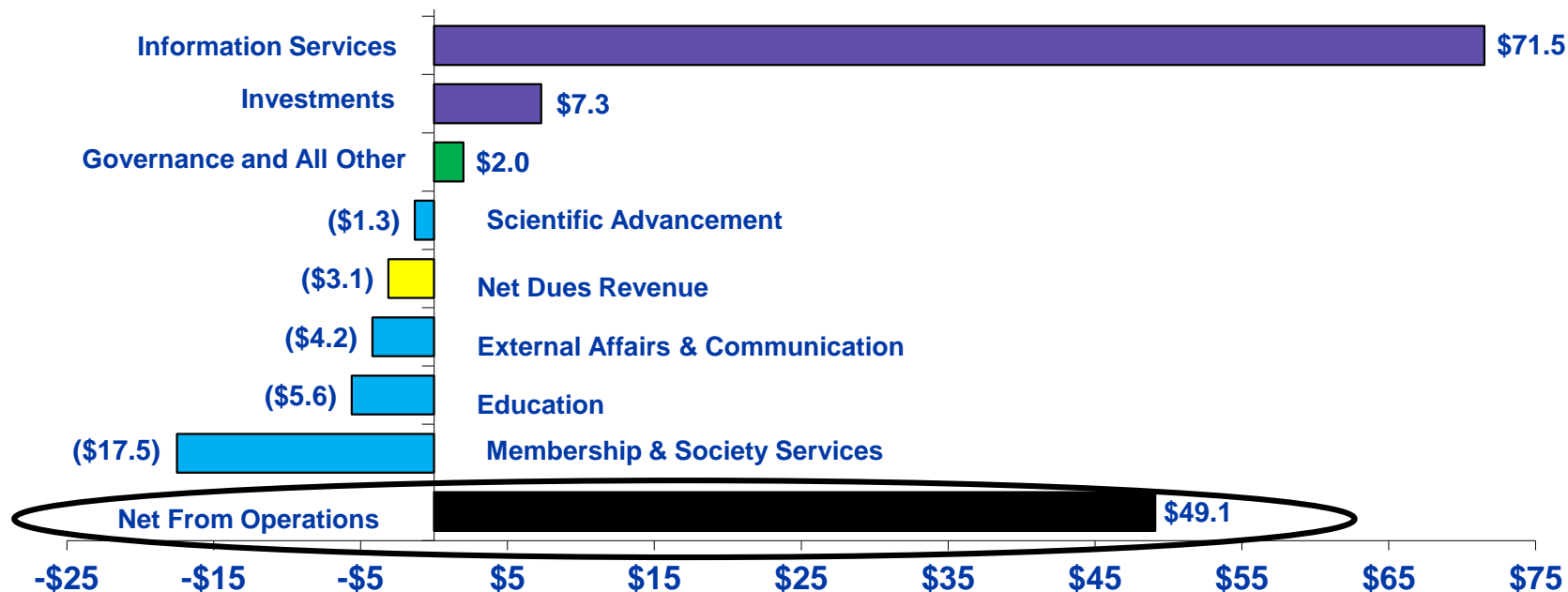


- Salaries and Fringe Benefits
- Professional Services
- Sales and Marketing
- EDP
- Depreciation
- Building & Office Ops
- All Other

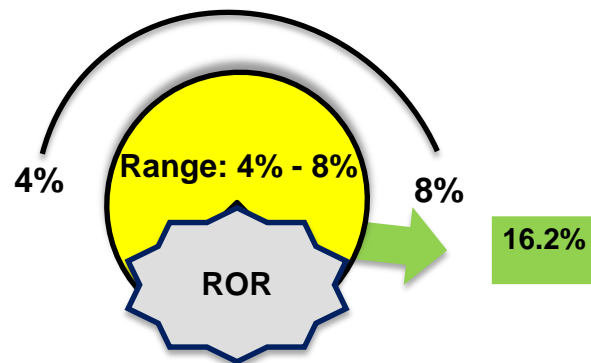
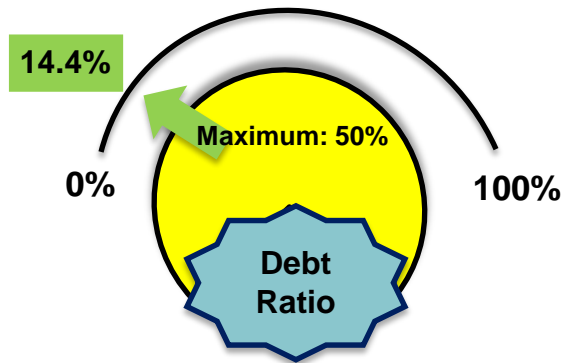
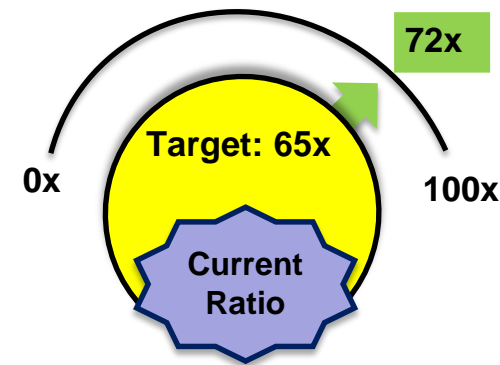
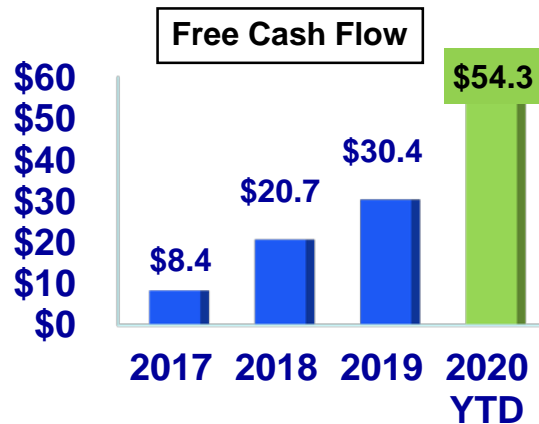
2020 Net from Operations

Actuals as of June 30, 2020

(\$ in Millions)



2020 Select Financial Guidelines YTD



COVID Impacts



- **Much of ACS revenue (Information Services) was secured and recorded prior to the onset of Covid-19 and is on target**
- **Most direct negative impact has been to meeting revenues**
- **Expenses have been lower due to careful management, slow hiring, reduction in travel and in-person meeting expense**
- **ACS expects to finish 2020 on budget**

Report from the Society Committee on Budget and Finance

ACS Councilor Caucus
Fall National Meeting
August 2020

Division Officers and Councilors Caucus
Friday, August 14, 2020
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Thank you
Mary Ann
for your service!

RECENT PAST AND FUTURE HIST SYMPOSIA

Meeting dates	Location	HIST symposia	Notes
August 19-23, 2018	Boston	<ol style="list-style-type: none"> 1. Louis Pasteur's Discovery of Molecular Chirality: Review and Analysis on the 170th Anniversary (1 day) [Greg Girolami, Joe Gal] 2. Past ACS Presidents: The Life and Career of Arthur Cope (1/2-1 day) [Roger Egolf, Jan Hayes] 3. HIST Award Symposium Honoring David Lewis (1 day; Tuesday) [Seth Rasmussen] 	<p>Nanotechnology</p> <p>Abstract submission deadline: March 26. Organizers deadline: April 4</p>
March 31 – April 4, 2019	Orlando	<ol style="list-style-type: none"> 1. Archaeological Chemistry (2 days) [Seth Rasmussen, Mary Virginia Orna] 2. Pioneers of Magnetic Resonance [Vera Mainz, Tom Strom] 	Chemistry for New Frontiers
August 25-29, 2019	San Diego	<ol style="list-style-type: none"> 1. HIST Award (Tuesday, 1 day) 2. 150 Years of the Periodic Table (1.5 days) [Carmen Giunta, Vera Mainz, Greg Girolami] 3. The Bibliography of Chemistry (1/2 day) [Gary Patterson] 4. 150 Years of the Publication of the 1st issue of Zhurnal Russkogo Fiziko-Himicheskogo Obshtestva (1/2 day) [David Lewis, Nick Tsarevsky] 	Chemistry of Water
March 22-26, 2020	Philadelphia	<ol style="list-style-type: none"> 1. History of Polymer Science (1+ days) [Nick Tsarevsky, Seth Rasmussen, Gary Patterson] 2. Past ACS Presidents: Daryle H. Busch (1/2 day) [Jan Hayes] 3. The Life and Legacy of Alfred Bader (1/2-1 day) [Mary Virginia Orna] 	Macromolecular Chemistry: The Second Century – CANCELLED
August 23-27, 2020	San Francisco	<ol style="list-style-type: none"> 1. HIST Award (Tuesday) 2. The Science and Legacy of Glenn Seaborg (1/2 day) [Jan Hayes, Roger Egolf] 3. Springer Briefs in the History of Chemistry: 10th Anniversary [Seth Rasmussen] 4. Historical Thoughts on 'From Bench to Market' [Gary Patterson, David Lewis] 	Chemistry from Bench to Market-Virtual Meeting
March 21-25, 2021	San Antonio	<ol style="list-style-type: none"> 1. History of Polymer Science (1+ days) [Nick Tsarevsky, Seth Rasmussen, 	Macromolecular Chemistry: The Second

		Gary Patterson]	Century
		2. Springer Briefs in the History of Chemistry: 10 th Anniversary (1 day) [Seth Rasmussen]	
		3. HIST Award (1/2-1 day) [Gary Patterson]	
		4. The Life and Work of Alexey Chichibabin (1/2 day) [David Lewis]	
August 22-26, 2021	Atlanta	1. HIST award (Tuesday) [tbd]	Resilience of Chemistry
		2. Contributions of African American Chemists (1/2 day?) [Sibrina Collins]	
		3. History of Forensic Chemistry (1/2 day) [Nick Tsarevsky]	
March 20-24, 2022	San Diego	1. History of Glass [Seth Rasmussen and Dan Rabinovich]	Bonding through Chemistry
		2. History of Chemistry Competitions and Olympiads [Nick Tsarevsky]	
		3. HIST Anniversary [Gary Patterson]	
Fall 2022	Chicago	1. HIST award (Tuesday)	Sustainability in a Changing World
Spring 2023	Indianapolis	1. Chemical Societies [Nick Tsarevsky]	Cross Roads of Chemistry
Fall 2023	San Francisco	1.	Harnessing the Power of Data
Spring 2024	New Orleans		Many Flavors of Chemistry
Fall 2024	Denver		Elevating Chemistry
Future		1. The History of Chemical Nomenclature [Seth Rasmussen]	
		2. Disabled Chemists (1/2 day?) [David Lewis]	



Resilience in Chemistry

Meeting Theme for Fall 2021 ACS National Meeting in Atlanta, Georgia

Resilience: the capacity to recover quickly from difficulties; toughness.

Theme Organizers



Joe Pickel, PhD
Oak Ridge National Laboratory
pickeljm@ornl.gov
865-806-9495



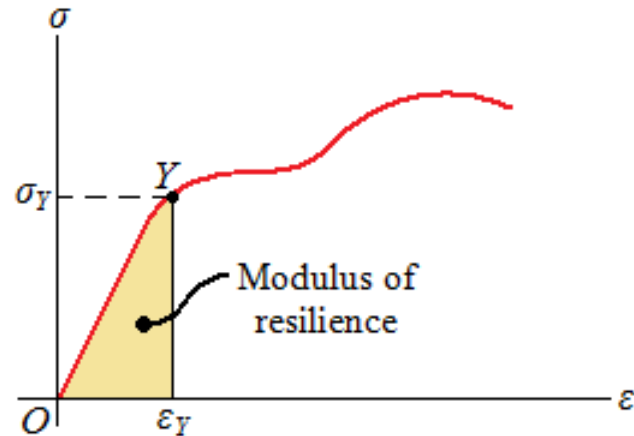
David Heldebrant, PhD
Contact info



Resilience in Chemistry

Resilience: the capacity to recover quickly from difficulties; toughness.

Graphical representation



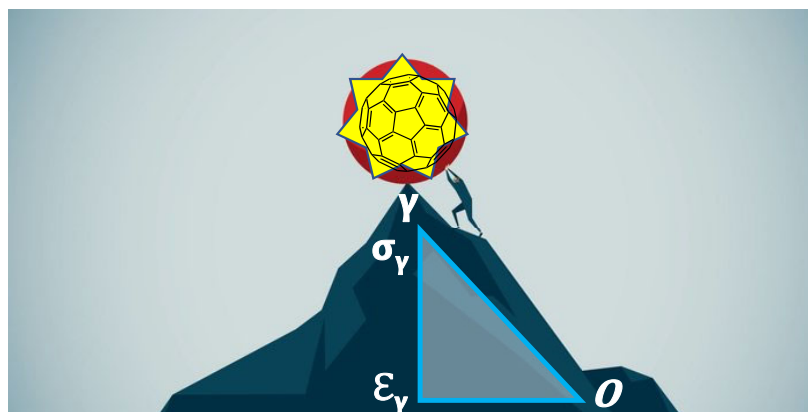
Combine these images of a chemist (in a lab coat) moving a molecule (bucky-ball?) moving up a mountain with the equation of modulus of resilience/axis represented and the ball illuminated like the sun?

Resilience in Chemistry

Resilience: the capacity to recover quickly from difficulties; toughness.



Conceptual Graphical Representation





Resilience in Chemistry

Resilience: the capacity to recover quickly from difficulties; toughness.

Overall sub theme 1: “THE SCIENCE” *Resilience of Chemical Systems* **Chemical resilience**

Target Divisions:

**AGFD, AGRO, ANYL, BIOT, BIOL, CARB, CATL, CELL, COMP, ENFL, ENVR,
FLUO, GEOC, I&EC, DIC, MEDI, NUCL, ORGN, PHYS, POLY, PMSE, RUBB**

Committees: CommSci, etc.



- Why/how materials/chemicals fail
 - Mechanical (shear, stress), chemical, UV, radiation, thermal, biological
- (+) Durability of chemicals, how do we make them durable in use
- (-) How to break molecules down to not linger in the environment
- Design of self-healing materials



Resilience in Chemistry

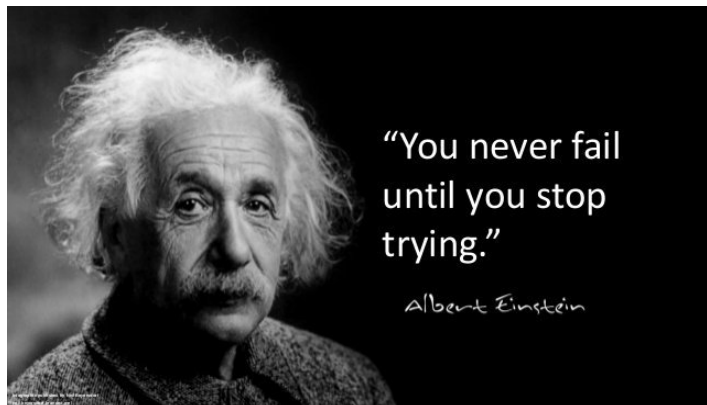
Resilience: the capacity to recover quickly from difficulties; toughness.

Overall sub theme 2: “THE PEOPLE” *Resilience of Chemists and stakeholders* **Resilience in Research/Education**

Target Divisions:

CHED, CINF, HIST, CHAS, TOXI, PROF

(Committees: WCC, CPT, CWD, Minority Affairs, Membership Affairs, Senior Chemists, Younger Chemists)



- Learning through difficulty, adversity, failure etc...
- Hypothesis-driven research does not always work the first 10 times
 - It's called re-search for a reason
- Bouncing back from poor results, or exams and overcoming adversity
 - Einstein once failed math
- Highlight some of the best scientific discoveries were serendipitous
 - Saccharin, quinine, X-rays, sticky notes, microwaves etc...
- Health and safety, making R&D safer through learned past incidents
 - Challenger, bu-Li, Hg^(II)
- Making/handling more environmentally benign chemicals and materials



Resilience in Chemistry

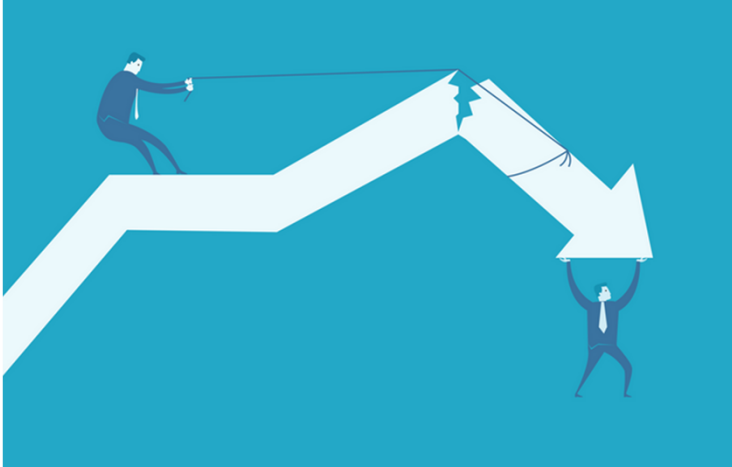
Resilience: the capacity to recover quickly from difficulties; toughness.

Overall sub theme 3: “THE ENTERPRISE” **Resilience in (of?) Chemical Enterprise**

Target Divisions:

BMGT, SCHB, PROFF, CHAL, CINF, TOXI,

(Committees: CCS, Community Activities, Corporate Associates, Public Affairs/Public Relations, etc.)



- How chemical companies thrive and success through failures/setbacks
 - Start-ups, industry giants
- Innovation
- Adapting to change, market adjustments
- New products to meet growing demands
- Market competition
- Supply chain resilience
- Making processes safer for R&D and production
 - Environmental permits, risk management
- Resilience in chemical law, IP generation, enforcement, theft

“Plan of Attack”

Nominal Schedule (based on previous Theme Organizers)

Time to Meeting Date	Action/Event
T-24 months	✓ MPPG selects theme
22 months	✓ MPPG Steering Committee appoints overall theme organizer
21 months	MPPG Chair communicates theme & organizer to divisions
21 months	Organizer selects sub-themes, including organizers
20 months	Divisions tell organizer of their plans for theme
20 months	Organizer contacts local section for meeting site to discuss possible non-programming events at meeting (e. g., with local schools, museums, news organizations)
18 months	Organizer makes plans for plenary/showcase event in conjunction with President for year of theme (timing will depend on when President-elect is chosen)
18 months	Organizer reports back to MPPG and divisions with first draft of structure of theme program – symposia from divisions, special thematic symposia, showcase event, other activities
16 months	Organizer talks with ACS staff about special needs for theme at meeting site – venue for showcase/Presidential event, locations of theme symposia, connections with other societies, non-programming events (e. g., with local community)
12 months	Organizer reports back to MPPG and divisions with second draft of structure of theme program – symposia from divisions, special thematic symposia, showcase event, other activities; this should be close to the final version
12 months	Presidential office and organizer finalize plans for showcase event and begin process to line up speakers and make other arrangements
12 months	ACS staff and organizer begin plans for promotion of theme through both internal (ACS) and external venues
8 months	Organizer reports back to MPPG and divisions with final draft of structure of theme program – symposia from divisions, special thematic symposia, showcase event, other activities
6 months	Organizer and subtheme organizers oversee submission of symposia abstracts and other information into OASYS
4 months	Organizer and ACS staff finalize plans for locations of events and symposia at meeting site
At meeting	Organizer and ACS staff work on site to make sure thematic programming and other events proceed flawlessly
2 months after	Organizer and ACS staff report back to MPPG on how well theme process worked and how to improve this in the future

• To Do List

- ✓ Develop Concept Document
- ✓ Develop graphics theme
- Establish Information Sharing resources
- Engage MPPG and Program Chairs on concept and solicit feedback and assistance
- Engage ACS Leadership (PRES-Elect, Board, Committee Chairs)
- Engage Local (Atlanta area) resources
- More to come

“The Ask (please!)”

- Programming Chairs, Symposium Organizers
 - Socialize current concept and solicit feedback
 - Consider topics that could be programmed to this Theme for the Fall 2021 meeting
 - *We'd love it if each Division had at least one symposium on the theme!*
- ACS Committee Chairs and Liaisons
 - Consider innovative activities that engage your committee/stakeholders on this concept
- ACS HQ
 - Provide guidance (protocol, lessons learned, etc.), resources (take our graphics concept to the next level!) and support to this endeavor
- Everyone
 - Provide feedback on the concepts and suggestions for activities, events or other initiatives

**DIVISION OF THE HISTORY OF CHEMISTRY
COUNCILORS' REPORT
American Chemical Society – 260th ACS National Meeting
San Francisco, CA
Virtual
August 19, 2020**

The Council meeting was held virtually due to the ongoing global COVID-19 pandemic that continues to affect our personal lives and our work. Councilors were urged to take into account their own actions and habits to make their own communities safer. Councilors were advised to use their positions as members of the scientific enterprise to spread helpful messages and encourage the safe practice of mask wearing, physical distancing, and limiting exposure within your communities.

The continuous and ongoing struggle in this country to create a safe and equitable society for all was brought to Council's attention. The ACS encourages inclusivity and opposes discrimination in scientific learning and practice. Councilors were urged to take active roles in dismantling any barriers that may deter or impede their colleagues in their research or careers. Councilors and guests were encouraged to review the ACS statements on diversity and reflect on how to implement these in their local sections and divisions.

1. Actions of the Council

A. Elections

Election Results: Candidates for Service on Standing Committees

- By electronic ballot, the Council elected **Elizabeth M. Howson, Zaida C. Morales-Martinez, Margaret J. Schooler, & Jeanette M. Van Emon** for 3-year terms (2021-2023), & **Mark D. Frishberg** for a 1-year term (2021) on Council Policy Committee (CPC).

Gary D. Anderson	97	*Elizabeth M. Howson	244
Brian B. Brady	146	James M. Landis	158
Mitchell R. M. Bruce	170	*Zaida C. Morales-Martinez	278
James C. Carver	148	*Margaret J. Schooler	237
*Mark D. Frishberg	171	*Jeanette M. Van Emon	201

- By electronic ballot, the Council elected **Martha G. Holloman, Diane Krone, Sara M. Mullins, Andrea B. Twiss-Brooks and Javier Vela** for three-year terms (2021-2023) on the Committee on Committees (ConC).

Catherine E. Costello	149	Michael D. Mosher	170
Debbie M. Decker	76	*Sarah M. Mullins	227
Harry J. Elston	125	Susan J. Olesik	180
*Martha G. Holloman	226	*Andrea B. Twiss-Brooks	203
*Diane Krone	213	*Javier Vela	208

- By electronic ballot, the Council elected **Jetty L. Duffy-Matzner, Kevin J. Edgar, Neil D. Jespersen, Julianne M. D. Smist and Linette M. Watkins** for three-year terms (2021-2023) on the Committee on Nominations and Elections (N&E).

Thomas R. Beattie	131	Michael J. Kenney	110
Mark A. Benvenuto	153	R. Daniel Libby	144
*Jetty L. Duffy-Matzner	252	Robert A. Pribush	144
*Kevin J. Edgar	162	*Julianne M. D. Smist	239
*Neil D. Jespersen	195	*Linette M. Watkins	29

B. Other Council Actions

Key Actions

- On the recommendation of the Committee on Committees, and with the concurrence of the Council Policy Committee, Council approved the Petition to Clarify Amendments to the Standing Rules and disbanded the Joint Board-Council Committee on Chemical Abstracts Service, contingent on approval by the Board of Directors.

Establishment of an International Chemical Sciences Chapter

- On the recommendation of the Committee on International Activities, and with the concurrence of the Council Policy Committee, Council approved the creation of an ACS International Chemical Sciences Chapter in Israel, contingent on approval by the Board of Directors.

Redistricting of a Local Section

- On the recommendation of Nominations & Elections, the Council voted that the Pittsburgh Local Section be transferred from District II to District III in order to bring District III's member population into compliance with bylaw requirements.

Resolutions

The Council passed resolutions

- In memory of deceased Councilors;
- Acknowledging Luis Echegoyen's service as ACS President

2. Highlights from Committee Reports

A. Nominations and Elections

The Committee on Nominations and Elections solicits Councilors' input of qualified individuals for President-Elect, Directors, and the three Elected Committees for future consideration. Suggestions can be sent to nomelect@acs.org

Ballots for the 2020 fall national election will be distributed starting on September 28th, with a voting deadline four weeks later on October 23rd. ACS members eligible to vote and with an email address on file will receive an electronic ballot with the option to request a paper ballot.

Those members with no email address on file will be sent a paper ballot with the option to vote electronically. The ACS election vendor, Survey & Ballot Systems, will send three email reminders during the voting period to those who have not voted as of the reminder dates. N&E encouraged all ACS members to vote for President-Elect. Election information may be viewed at acs.org/elections.

B. Budget and Finance

The Society's 2020 financial performance through July 31st yielded a Net from Operations of \$55.7 million, or \$25 million greater than the same period in 2019. Total revenues are \$354 million, 5% ahead of last year, and total expenses are \$298 million, or 3 percent below last year. Unrestricted Net Assets increased to \$466 million.

The committee approved one program reauthorization request and one new pilot program request for consideration by the Board of Directors.

The most direct revenue impact to the Society related to the COVID pandemic has been to meeting-related revenues with the termination of the in-person Spring National Meeting and termination of the in-person Green Chemistry Conference. Significant effort has been devoted to expense management. The Society expects to meet its budgeted net contribution of \$41.3M.

San Francisco Meeting Attendance

The theme of the 258th ACS National Meeting was "Moving Chemistry from Bench to Market." As of August 19, registration broken down by category was:

Members	3,494
Student Member	1,638
Unemployed Member	25
Non Member	945
Student Non Member	401
Total	6,477

Virtual Presentation Uploads

All Inclusive (SciMtgs)	1,735
Virtual Platform Only	1,655
Temporary Access Option	640
Presentation Uploads	4,067

3. Other Society Business

- The Board held a **strategic discussion** on ways to turn the **ACS Core Value of Diversity, Inclusion, and Respect**, one of the most important strategic issues facing the Society today, into a prioritized action plan for the coming years. The development of such a plan would be undertaken in collaboration with the Advisory Board on Diversity, Inclusion and Respect and would promote the coordination of committee activities so as to emphasize the urgency of "moving the needle" both within ACS and in the broader chemistry enterprise.

- The Board received an update on the development of a re-envisioned **Professional and Leadership Development Portfolio**. The portfolio will position ACS to cultivate strategic partnerships with colleges and universities, corporations, and government agencies. There will be a continued focus on members/potential members as well, one adhering to the goal of developing Highly Effective Professionals, which is the center point of the project framework developed by the NextGen Task Force on Leadership Development in December 2019.
- The Board received an initial debrief, led by the Chief Executive Officer, of the first-ever **virtual ACS National Meeting and Exposition**. There will be a complete review and assessment of the event from multiple perspectives in the weeks to come.
- The debrief noted above provided a lead-in to and context for a status update from the **Task Force on the Future of Meetings**. This task force has been charged with performing a “deep dive” on the current portfolio of ACS meetings and conferences, identifying current offerings, evaluating governance and staff support structures, revenue streams, financial targets, and business models, and recommending actions that will ensure the sustainability and future relevance of that portfolio.
- The Board offered a resolution in memory of **Nina I. McClelland**, a member of the ACS Board of Directors (1996-2004) who also served as its Chair (2001-2003).

4. Board Approval of Council Action

- The Board of Directors voted to confirm the amendments to Bylaw XI, per the Petition to Clarify Amendments to the Standing Rules approved by Council on August 19.
- The Board of Directors voted to confirm the disbanding of the Joint Board-Council Committee on Chemical Abstracts Service in accordance with Council action on August 19.
- The Board of Directors voted to authorize the formation of the Israel International Chemical Sciences Chapter in accordance with Council action on August 19.

5. HIST Councilors

Mary Virginia Orna is serving as a member of the Divisional Activities Committee (DAC) and the DAC Technical Programming and Collaboration Subcommittee. The subcommittee is exploring ways of adjusting to the reality of virtual meetings, especially with respect to the Convergent Communities initiative.

Roger Egolf is serving as a member of the Meetings and Expositions Committee (M&E) and its Technical Program Subcommittee. That subcommittee is responsible for advising the ACS meetings staff on the format of national meeting technical programming and the allocation of meeting rooms to the various divisions.

Respectfully submitted,
 Mary Virginia Orna
 Roger Egolf

HIST FELLOWS – Final SOP

The designation of HIST Fellow recognizes HIST members who have made a significant impact on the advancement of history in the chemical sciences, as well as dedicated service to the division.

Eligibility: Must be a current HIST member who has been in good standing for at least five (5) years.

Criteria: Successful awardees must meet BOTH criteria of scholarship and service, although what constitutes evidence of these criteria may be loosely defined. In terms of scholarship, this could include history publications in the *Bulletin* or other journals, authoring or editing history-oriented books, or even extensive participation in HIST symposia. In terms of service, this could include service as an elected officer or member of the HIST Executive Committee, service on other history-focused committees within HIST, ACS, or other historical societies, significant organization of HIST symposia, or notable service to the general history community.

Nominations: An individual may be nominated by HIST member(s). Nominations should include be initiated by a single reference letter outlining the individual's accomplishments, plus a current CV (2-page limit), submitted to the HIST Awards committee.

Award: The award consists of a certificate and a pin.

Frequency and Number of Awards: Awards would be yearly and would be given out as part of the annual HIST Awards Banquet. The number of the awards each year would be at the discretion of the Executive Committee.

Renaming the Bulletin for the History of Chemistry?

Carmen Giunta

August 2, 2020

This is a topic that has come up before during my tenure. Until recently, I thought that there were no sufficiently good reasons to change the name of the division's journal. I have changed my mind, albeit a bit reluctantly. Here I intend to summarize the arguments on both sides, and to float a couple of alternative titles and timelines, if we agree to change the name.

Against renaming

Continuity: changing a title makes it difficult for libraries and scholars to track. New catalog records linked to older ones would be required. Although current HIST members and subscribers would be aware that the old journal simply has a new name, continuity would be less apparent in the future.

There are plenty of peer-reviewed journals in science and history of science whose titles begin with Bulletin: *Bulletin of the History of Medicine*, *Bulletin of the Chemical Society of Japan*, *Bulletin de la Société Chimique de France* (until incorporated into the Chemistry Europe family of journals), and from closer to home *Bulletins of American Paleontology* (published by the Paleontological Research Institution in Ithaca, NY).

A new title might get lost among the large number of predatory journals whose names are indistinguishable from those of reputable journals in the same field.

For renaming

Besides peer-reviewed journals, the word bulletin covers newsletters (church bulletins) and late breaking news (news bulletins). Some bulletins of scholarly and professional societies are compendia of society business like conference programs (*Bulletin of the American Physical Society*) and reports.

Many journals that used to be called Bulletin have changed their names in the past: consult the list of journal titles in JSTOR for examples, e.g., *British Journal for the History of Science* (formerly *Bulletin of the British Society of the History of Science*).

Opinions from people, including in ACS pubs, that bulletin does not suggest academic or professional quality. I notice that new ACS journals are heavily branded, most of them beginning with ACS.

Why I favor a change

When I raised the topic on email a few weeks ago, I said that I had reluctantly come to favor changing the title. The reluctance comes from agreeing that there is nothing inherently informal or inferior about the word Bulletin. Especially for a historically-minded group, breaking with the past should not be done lightly. I think that the title is a bit stodgy, in a way that is consistent with the image of a group interested in keeping the past alive. All of us on the Executive Committee and, I suspect, most members of HIST know that *Bulletin for the History of Chemistry* is a perfectly good and descriptive title.

What has made me change my mind on the topic is looking at the title from a perspective outside HIST. I think that changing the title presents an opportunity to capture the interest of chemists who are not in HIST, who may be interested in the history of their discipline or the history of the periodic table or some other niche of history of chemistry. That is why I'm taking seriously the conversations I had earlier this year with people from ACS pubs as well as the

connotations that the word bulletin carries among people who are less informed about the chemical literature.

I'm thinking of a name change as a marketing opportunity to chemists not currently in HIST who have an occasional interest in history of chemistry. The people I have in mind are those who read historical articles when they appear in journals like *Angewandte Chemie* or the *Journal of Chemical and Engineering Data*.

Of course changing the name of a journal these people don't know about will not bring people to the journal. For such a change to be effective, it needs publicity such as can accompany a significant event like the division's centennial or the 50th volume of the journal. In my opinion, an effective title must be descriptive but not bland. The title that appeals to me at present is *HIST Chem Hist*. Another contender is simply *History of Chemistry*. I am not in favor of *Journal of the History of Chemistry*, which has been suggested to me. I think that *Journal of* would bury us in any list of journals with similar titles. And either *History of Chemistry* or *Journal of the History of Chemistry* is generic enough to be the title of a predatory journal.

What I am proposing

I am not so sure of my new opinion or of the title that I've proposed to urge a vote on the question of changing the title of the *Bulletin* to *HIST Chem Hist*. What I would like, though, is to have a small group of HIST members interested in outreach and marketing explore the question, and possibly to try some surveys and to consult outside HIST. If the group thinks it desirable to advise a change, exploring how and when to launch would be part of its scope. (Division Centennial presents an opportunity for much publicity, I think, but not much time. The 50th volume of the journal presents a longer time horizon, but probably with less scope for free publicity.)

Of course the decision must be that of the HIST Executive Committee, for we are the guardians of HIST and its image and journal. But I think that if we only consult our own ideas, we could be missing an opportunity to bring other chemists in.

Dan Rabinovich
August 8, 2020

HIST & Bulletin enhancement ideas for discussion at the August 16th HIST Executive Committee meeting

Since we're considering a possible name change for the *Bulletin*, I thought it'd be a good time to discuss a few other ideas that could help make it (and, in general, the whole Division) more appealing to current and prospective new members:

1) On the possible name change of the *Bulletin*:

While I don't see a dire need to change the name, of the various alternatives I've heard in the past few weeks, I like best the one Carmen mentioned on his August 2nd message (*HIST Chem Hist.*). It could also be written without the spaces or the period (*HISTChemHist* or *HistChemHist*), which is akin to several chemistry journals published by Wiley: *ChemPhysChem*, *ChemCatChem*, *ChemBioChem*, etc.

2) Ideas to "modernize" the *Bulletin*:

- Include a graphical table of contents
- Have the electronic version (posted online) available in color (evidently not the printed copy since that would be prohibitively expensive)
 - are there any additional costs with having the electronic version in color?
 - sooner or later the *Bulletin* will be an e-journal...
 - do we offer an electronic-only subscription (is receiving it electronically an option?)
 - cost of printing and postage always a factor

3) Could we periodically publish "special" (topical) issues of the *Bulletin* (in addition to the two current issues)?

- Additional "special" issues could be online only (to avoid the additional cost of printing & mailing)
- Topics could reflect a time period in history, methodology, a particular region of the world, a group of people, an ACS symposium not leading to a book, etc.
- Additional workload may require a Guest Editor for the "special" issue or we could appoint a permanent Associate Editor to help the Editor

History in HIST

Even though the whole world is disrupted, history marches on. Things have been especially productive on the history front. HIST is now recognized as a place where colleagues around the world can find willing collaborators. I have written three major chapters for European books or journals in the last quarter: “A Brief History of Antimony” “Cellulose before CELL” “Natural Philosophy and the Humanities”. I have edited a book (with Alan Tonelli) based on the San Diego 2019 Symposium honoring Flory’s “Statistical Mechanics of Chain Molecules.” I have finally produced the highly revised version of “Josiah Parsons Cooke, the Natural Philosophy of Sir John F.W. Herschel and the Rational Chemistry of the Elements.”

There are two major book projects in process: The Centennial History of CELL and the Centennial History of HIST. The introductory chapter, “History before HIST” is now approaching completion. Anyone with material relevant to the history of HIST is encouraged to contact me (gp9a@andrew.cmu.edu). The HIST history is scheduled for completion in 2022. Anyone willing to help with this project is warmly welcomed. The CELL history is also proceeding nicely and should complete by 2021.



Meeting/Symposium/Conference Funding Request ACS Division of the History of Chemistry

The Division of the History of Chemistry (HIST) recognizes the value of supporting the organization of symposia, conferences, or meetings that benefit the study and promotion of the history of chemistry. If you are organizing such an event and would like to request financial support (typically, \$500 per half-day session), please submit this form to the Division's Secretary-Treasurer, Dr. Vera Mainz (mainz@illinois.edu) no later than **two weeks** before the HIST Executive Committee meets to consider such requests (*i.e.*, during the national ACS meetings in late March and late August). Most successful requests are submitted at least six months before the actual symposium or conference takes place. **Late submissions will not be considered.**

Meeting/symposium/conference:

Date of event:

Location of event:

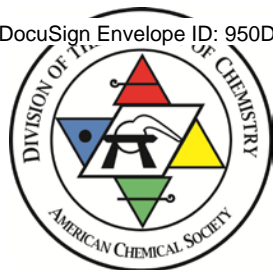
Organizer(s):

Affiliation(s):

E-mail(s):

Budget request (\$):

Title and brief description of symposium (use additional pages if necessary):



ELEMENTAL ART: A CONTEST

To celebrate the 150th anniversary of the Periodic Table,

The Division of the History of Chemistry (HIST) announces a contest **OPEN TO ALL** for **ORIGINAL ART** in one of the following categories with themes related to the chemical elements, their discovery, or uses:

1. Poem
2. Cartoon
3. Photograph

The three best works in each category (selected by a professional panel of judges) will receive certificates, monetary awards (\$250, \$200, or \$150 for 1st, 2nd, and 3rd place, respectively), and will be published in the HIST Newsletter and Website. Depending on the number of submissions, a volume with the works may be published as well.

Please submit your original art by **August 31, 2020** to the **HIST Program Chair**, Nick Tsarevsky

(nicktsarevsky@gmail.com or nvt@smu.edu) as an attachment to an email with the subject line

“Elemental Art Competition – XYZ” (“XYZ” stands for the name of the person who created the artwork).

The winners will be notified in late 2020.