

HIST Executive Committee Meeting, Sunday, March 26, 2023

Spring National Meeting (Indianapolis, IN)

March 26-30, 2023

Indiana Convention Center, Room 137

Started 5:55pm

Attending: Dave Lewis, Seth Rasmussen, Joe Jeffers, Gary Patterson, Mary Virginia Orna, Carmen Giunta, Dan Rabinovich, Art Greenberg, Nick Tsarevsky, Roger Egolf, Mihaela Stefan, Kristine Konkol, Vera Mainz

AGENDA

1) **Welcome and announcements**, Art Greenberg

Art welcomed everyone to the meeting. He thanked all those who helped put into the HIST chair position, including Dan Rabinovich for talking him into it and Seth for his service as previous chair. He believes HIST is a really good division, warm and welcoming and has a lot of continuation in its leadership, partly because of the 2 year terms for officers.

Art noted that he plans to address several issues over his term: increasing membership in HIST of younger chemists, industrial chemists and senior chemists, looking for members to develop symposia and lead those symposia and plan for changes in leadership. ACS is pushing for funding joint symposia. If anyone has ideas about IPGs, please let Art know.

2) **Secretary-Treasurer's Report**, Vera Mainz

a. Minutes of the August 21, 2022, Executive Committee meeting was approved via email vote on February 10, 2023.

b. Election 2022 Results. Chair-Elect – Joe Jeffers, Sec/Treas – Vera Mainz, Councilors – Roger Egolf and Mary Virginia Orna, Alternate Councilors – David Lewis, Christopher Heth. We used Election Runner (<https://electionrunner.com/>) for the HIST election this fall. It worked very nicely and costs a lot less than SurveyMonkey: \$100/election vs. the \$372/year that SurveyMonkey charges.

c. The Annual Report and 2022 Form 990-EZ were completed on time. The annual reports are available on the HIST website. The tax information was copied to the ACS.

d. We should continue to monitor Bulletin expenses and dues income. The next issue will be mailed to 83 fewer members, who have opted for e-copies only. **Attached** are the current dues, which include \$10/year postage for those outside of North America. Vera recommended an increase in dues for members outside of North America to \$20/year vs \$10/year. [Note: After checking with ACS, it was determined that ACS could not differentially charge those who chose to receive the Bulletin via USPS vs. those who didn't so choose. Therefore, if we elect to proceed with this change, the excess charges would have to be charged individually by the Sec/Treas. An email exchange elected to keep the current charges, and to discuss this again.]

e. Audit of HIST accounts –The consensus was that prior to submission of the annual report to the ACS, a subcommittee chosen from Chair, Chair-elect, and past chair, the plus councilors, meet virtually to audit the books. The first week in February was designated as the time of the meeting.

f. The HIST funds in the Vanguard Funds are all allocated to the HIST Award Endowment Fund. The return on investment was 9% in 2022, bringing us \$5189.39. 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. The 2021 HIST Award winner, Mary Virginia Orna, chose to have her award symposium at the Spring 2022 National Meeting in San Diego. Mary Virginia chose to use her Award and the remaining funds in previous multiple symposia to support the speaker travel expenses in her award symposium. The 2022 HIST Award winner, Marco Beretta, had his award symposium at the Fall 2022 National Meeting in Chicago.

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	\$ 4,607.10		8%
2021	\$ 5,945.84		10%
2022	\$ 5,189.39		9%
2023			

	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	6,107.10	\$ (7,016.08)	(908.98)
2021	\$13,268.02	\$ (7,579.22)	\$ 5,688.80
	\$		
2022	6,875.39	\$ (4,709.35)	\$ 2,166.04
2023			

TOTALS	\$75,048.57	\$(64,608.38)	\$10,440.19
	Available	\$ 11,983.95	

d) In a general way HIST is doing well. There is \$112,655.02 in unobligated funds. A summary table of obligated vs. unobligated funds shows an increase of approximately \$46,000 in the obligated funds in 2021 and an increase of approximately \$28,000 in unobligated funds in 2020. In 2022, both obligated and unobligated funds decreased. Approximately \$49,000 in obligated funds are due to three items - \$12,000 for CCB support, \$25,000 for the Henry Hill IPG, and \$15,000 for Seth's upcoming workshop on the History of Science techniques.

	Total Obligated Funds	Total Unobligated Funds
2017	\$ 39,417.43	\$ 104,257.60
2018	\$ 34,157.59	\$ 104,724.64
2019	\$ 31,753.91	\$ 103,880.47
2020	\$ 35,911.19	\$ 131,292.97
2021	\$ 81,775.19	\$ 127,863.00
2022	\$ 82,667.83	\$ 134,933.86

e) Treasurer's Report. The Quicken summary of income/expense for 2022 to date is attached.

BANK BALANCE as of 3/4/2023	
Checking account	\$ 94,225.30
Total checks not cleared 3/4/2023	\$ (973.95)
Deposits not cleared 3/4/2023	\$ 22,323.65
AVAILABLE - Checking	\$ 115,575.00
AVAILABLE - Savings	\$ 101,026.69
TOTAL AVAILABLE	\$ 216,601.69
TOTAL UNOBLIGATED FUNDS as of 3/4/2023	\$ 134,933.86

**TOTAL OBLIGATED FUNDS as of
3/4/2023**

Citations - Seeman 10 year support 2021-2030	\$ 12,000.00
Citations Travel	\$ 4,103.16
Citations	\$ 2,280.76
Archives IPGA + James J. Bohning Memorial Fund	\$ 2,413.44
Past Pres IPGA	\$ 2,715.14
HIST Award (Contributions + Dividends)	\$ 10,440.19
See and Be Seen	\$ 1,500.00
Past Pres	\$ 2,715.14
HIST - Statistical Mech Chain Molecules	\$ 500.00
IPG Henry Hill Preservation	\$ 25,000.00
IPG History Training	\$ 15,000.00
2023 HIST Award \$1500+\$1500 travel	\$ 3,000.00
Science in the Service of Technical Art History	\$ 1,000.00
	\$ 82,667.83
Vanguard Fund - HIST Match	\$ 30,150.50
Vanguard Fund - Lambert 2012 + 2013 + 2014	\$ 30,000.00
Vanguard Fund - Lambert 2022 Disney Stock, recvd 4/11/2022 - still held as stock	\$ 26,130.00
TOTAL Endowment	\$ 86,280.50

3) **Report from Program Chair**, Nicolay Tsarevsky (report attached)

a. Nick updated us on current and upcoming symposia at national meetings. He noted that a new symposium History of Energy and Fuels: Opportunities and Challenges, has been added to the Fall 2023 schedule. Nick moved his forensic chemistry symposium to Fall 2024. This makes four symposia for Fall with the HIST award, History of Organometallic Chemistry and general papers. For Spring 2024, Nick currently has the Birth of the 3rd dimension in chemistry and general papers. He would need to know by October 2023 if anyone wants to add a symposium. The Fall 2024 meeting is also in good shape, including Centennial of Chemistry meeting/Priestley house. Christina Hahn is also organizing a HIST symposium for SWRM 2023: Lessons and Inspiration from the History of Chemistry.

b. Seth gave an update on the Workshop on Traditional Research Methods in History. It will take place on Monday, seven historians are giving talks, each 1 hour long, on various aspects of doing historical research. There will be an emphasis on those things chemist historians can do better. After the symposium, the next step will be whether they can put together something written, either for the HIST web site or in some other format.

- c. Mary Virginia announced that she is chairing an upcoming symposium on the life and achievements of Marie Daley on May 19, 2023. This announcement is also in the newsletter.
- d. ACS has asked about providing a HIST member for team brainstorming activities for the ACS 150th anniversary. David Lewis volunteered for this.

4) **Report from Councilors**, Mary Virginia Orna and Roger Egolf

- a. Mary Virginia doesn't have a written report as she hasn't met with her committees yet. The Fall 2022 summary is in the newsletter.
- b. Roger did go to M&E already and noted it is his last year on M&E. We won't hear about changes in councilor numbers for divisions and local sections until after this meeting. M&E discussed the issue but noted that only the board can make that decision. There are discussions about changes to the Spring/Fall meetings. Spring would be a traditional meeting but the Fall would be a smaller meeting, more focused on industrial members. For the new fall format divisions will need to co-program with other divisions to get multiple sessions. Roger asked how that would affect small divisions who don't program multiple session and don't want to lose the single session option. The indications will likely not affect small divisions. Gary says he gets emails every month from divisions asking if he/HIST would be willing to help with programming – he always informs Nick of these options.

5) **Report from Chair-Elect**, Joe Jeffers (report attached)

At the Leadership conference he attended staff stressed the division should do strategic planning. HIST is moving forward with planning for strategic planning in Spring 2024. Joe worked with ENFL to get a symposium for the Fall 2023 program for HIST.

6) **Report from Past Chair**, Seth Rasmussen

Seth vision of his two years as past-chair is to work with these training aspects such as his workshop. He has also agreed to help oversee awards.

7) **Report from the HIST Awards Subcommittee**

a) Joseph B. Lambert HIST Award – Seth Rasmussen

The 2023 HIST Award goes to Geoffrey and Marelene Rayner-Canham. Their travel is in place for the meeting. There was a discussion about possible papers for their award symposium. Mary Virginia said she has a paper that can be moved. Vera will ask Geoff and Anne Johnson, the symposium organizer, about this issue and make sure all potential contributors know the deadline for abstract submission is April 1st. For the jury committee, three members are rotating off the committee. Geoff Rayner-Canham is rotating on, so one additional member is needed. Art has colleague at UNH, Jan Golinski, who might be interested.

b) Paul R. Jones Outstanding Paper Awards – David Lewis

David reported that the 2021 award committee is active but haven't finished their deliberations. Art will need to recruit one person for the 2022 committee.

c) New HIST-Substantia Award – Seth Rasmussen

The award would recognize the most outstanding paper in Substantia each year. HIST only needs to help with the committee. Seth, Vera and Art are the committee for 2023, and will consider only the papers from 2023. Substantia is putting up 500 euros as the award and HIST will provide the certificate.

d) CCB Report - Vera Mainz

Vera reported that plaque costs are increasing, as they are for the HIST Award plaque. The award committee will need to consider the number of awards given each year in order to stay on budget.

- e) HIST Fellows – Seth Rasmussen
Seth noted we had not voted on the nominations for 2023 and asked Vera to send out nominations to everyone for a vote. Nominations are due Dec. 31st each year and should be sent to Vera.
- f) ACS Fellow Nominations – Seth Rasmussen
The division nominated David Lewis, unsuccessfully, last time. Ned Heindel is submitting a nomination for Roger this year.
- 8) **Report from Archivist, John Sharkey (report attached)**
John is always looking for items for the archives and for digital copies of the scans. He is looking for his replacement and suggests it be someone who lives near Philadelphia. Roger will ask John if he's willing to train him.
- 9) **Report from Bulletin Editor, Carmen Giunta (report attached)**
 - a) Carmen proposed some possible members for an Editorial Board for the Bulletin and would like some members who are not members of HIST. Art asked how many would be reasonable number and was told 3-4 plus editor and associate editor. The proposed group would meet virtually around national meeting time.
 - b) Carmen noted that the Bulletin has an expanding readership and authorship and visibility.
 - c) Reduced mailing costs will start in 2023. The **attached** spreadsheet highlights the cost of issues increased in just the last year - \$2.81 to \$3.42.
 - d) Implement providing DOIs for Bulletin articles.
 - e) The possibility of electronic publication before a full issue comes out, something analogous to ASAP publication on the ACS platform. This latter would obviously need to be discussed with our graphic artist, Agnes Soderbeck.
- 10) **Report from Historian, Gary Patterson (report attached)**
 - a) Report about the archives and the HIST Centennial history. Gary will continue to write chapters as long as he is able, approximately six/year. He asked for anyone to submit ideas, such as chapters on philately and HIST.
 - b) Presentation of a "treasure" to the Division. 2014 Chem Luminary award which Roger will take to SHI. Vera checked and the nominated activity was the Citations for Chemical Breakthrough award which honors breakthrough publications, books and patents *worldwide* in the field of chemistry. HIST won the Chem Luminary award for Global Engagement in 2014. (**see attached nomination form**)
 - c) The Executive Committee thanks Gary for all his work on the HIST centennial and his four talks given in the symposium this morning.
- 11) **Report from the Alternate Councilors, Christopher Heth, David Lewis, plus Nicolay Tsarevsky**
 - a) MPPG Meeting Themes Update – Nick missed meeting.
- 12) **OLD BUSINESS:**
 - a) Strategic planning and IPG proposal – Art Greenberg noted that the last one for HIST took place in 2008, and that there is no hard copy or report extant from that time; Roger said we did implement many of the options discussed. A committee has been formed with 13 members: Art Greenberg, Ana Bettencourt-Dias, Sibrina Collins,

Roger Egolf, Carmen Giunta, Christine Hahn, Joe Jeffers, Kristine Konkol, David Lewis, Vera Mainz, Seth Rasmussen, Mihaela Stefan, and Nicolay Tsarevsky. ; has a zoom meeting art, vera, seth, joe, carmen and roger with Carol Wayne, ACS person on March 8th. We asked for some option that was not the normal; occur before New Orleans, asking for Friday, with followup 1-2 weeks later, do 2-3 zoom meetings before New Orleans and do that. Implementation is key.

- b) Jan Hayes reported on Helen Free symposium at this meeting. Two talks were virtual, including the 2022 Helen Free awardee, Chemical Kim. The symposium was recorded. General question of writing up ACS Presidents featured in symposium as a short bio geared toward teenagers.

13) NEW BUSINESS:

- a) Scheduling HIST Ex Comm meetings in the future, considering the changes in afternoon session times by ACS – the meeting ended before this could be discussed. It will go on the Fall 2023 agenda.

The meeting ended at 7:30pm.

Appendices

Appendix 1: ACS 2022 HIST and Technical Division Dues

Appendix 2: Quicken Summary 21Mar2023

Appendix 3: Future HIST Symposia Spring 2023

Appendix 4: Councilor's Report, Indianapolis, IN Spring 2023

Appendix 5: Chair-Elect Report March 2023

Appendix 6: Archivist's Report

Appendix 7: Archivist's Outline

Appendix 8: Archives Finder's Guide 020923

Appendix 9: Bulletin for the History of Chemistry Editor's Report Spring 2023

Appendix 10: Bulletin for the History of Chemistry Recent Issues Expenses 2020-2022

Appendix 11: Historian's Report Spring 2023

Appendix 12: 11-2014 ChemLuminary Award Nomination Form

2022 American Chemical Society Technical Division Dues Prices

(all prices in US Dollars)

Divisions/Subdivisions	Code	ACS Member	Non-Member	Society Affiliate	Student Member	Emeritus Member(d)	Retired Member(f)
History of Chemistry (a) (b) (c) (h)	515	20.00 (3)	25.00 (3)	25.00 (3)	20.00 (3)	10.00 (3)	20.00
<i>Archaeological Chemistry</i>	<i>G15</i>	0.00	0.00	0.00	0.00	0.00	0.00

- a) You must be a Division member before becoming a member of its subdivision.
- b) Additional postage charges are for mailings outside the U.S.
- c) Division membership free for the first year.
- d) Emeritus status requires written request to division; other requirements may apply.
- f) Dues for Retired members.
- g) Typically waived by the Steering Committee.
- h) Student membership free for the first year.

(3) Additional \$10/year for membership outside of North America.

2023 Itemized Categories Report - Year To Date

1/1/2023 through 3/23/2023

3/23/2023

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Date	Acc... Num	Description	Memo	Amount
INCOME				28,900.38
Allocation				16,032.13
3/23/2023	Bus... DEP	ACS/EFT Remittance	2023	16,032.13
Bulletin - Lib				730.50
1/4/2023	Bus... DE...	Vanguard Investor Shares	2023 Deutsches Museum	60.00
1/20/2023	Bus... DEP	EBSCO -	NTNU Universitetsbibliotek	60.00
2/1/2023	Bus... DEP	EBSCO -	Zentralbibliothek Zuerich	60.00
2/10/2023	Bus... DEP	EBSCO -	Nat Lib Med	40.00
2/21/2023	Bus... DEP	Prenax Subscription	Det Kgl Bibliotek	50.50
2/21/2023	Bus... DEP	Beijing Book Co.	540B0132#2023	40.00
2/22/2023	Bus... DE...	Neil Edwards-Johnson Matthey	2023	40.00
2/24/2023	Bus... DE...	Cornell University PayPal Payment	2020	80.00
3/2/2023	Bus... DE...	Museo Galileo	2022 Museo Galileo	60.00
3/2/2023	Bus... DEP	Linda Hall Library	2020-2023	160.00
3/21/2023	Bus... DEP	Univ Of Cincinnati	2022 & 2023	80.00
Dividend				3,941.12
HIST Award				3,941.12
1/4/2023	Bus... DE...	Vanguard Investor Shares	Vanguard 12-29-22	233.69
			Vanguard 12-29-22	2,019.63
			Vanguard 12-20-22	281.03
			Vanguard 12-20-22	1,406.77
Donations				2,200.00
HIST Award				1,500.00
2/14/2023	Bus... DEP	Vera Mainz	2023 HIST Award	1,500.00
OPA				700.00
2/14/2023	Bus... DEP	Vera Mainz	2022 & 2023 OPA	700.00
Dues Income				5,995.00
ACS				5,995.00
3/15/2023	Bus... DEP	ACS/EFT Remittance	Jul-Dec2022	5,995.00
Int Inc				1.63
1/31/2023	Bus... DEP	Interest		0.86
2/28/2023	Bus... DEP	Interest		0.77
EXPENSES				-5,407.34
Award				-2,500.00
S&BS				-2,500.00
1/30/2023	Bus... 1526	ACS NY Section	Marie Daly video matching funds	-2,500.00

2023 Itemized Categories Report - Year To Date

1/1/2023 through 3/23/2023

3/23/2023

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Date	Acc... Num	Description	Memo	Amount
Award-Non-Meeting				-591.95
Cert of Appreciation				-133.00
2/14/2023	Bus... 1529	Stellar Kent	2023 Linda Hall Lib for CCB	-133.00
Citation ChemBreakthroughs				-458.95
2/22/2023	Bus... 1530	Stellar Kent	2022 CCB Kekule plaque	-458.95
Bulletin				-1,375.00
Other Bulletin				-1,375.00
1/4/2023	Bus... 1525	Agnes Soderbeck	No. 47(3)	-1,375.00
Division Admin				-416.83
DLC-P2C2				-416.83
1/30/2023	Bus... 1528	Joe Jeffers	2023 Leadership Training	-416.83
Office				-523.56
PayPal Chrg				-8.56
2/22/2023	Bus... DE...	Neil Edwards-Johnson Matthey		-1.80
2/24/2023	Bus... DE...	Cornell University PayPal Payment		-3.28
3/2/2023	Bus... DE...	Museo Galileo		-3.48
Tax Prep				-515.00
3/3/2023	Bus... 1531	Daniel E. Holder And Associates	2022 Tax Prep Form 990-EZ	-515.00
TRANSFERS				0.00
Busey Checking				0.00
2/2/2023	Bus...	SAVINGS	keep account active	1,000.00
2/8/2023	Bus...	SAVINGS	keep account active	-1,000.00
Busey Savings				0.00
2/2/2023	Bus...	TXFR SAVINGS	keep account active	-1,000.00
2/8/2023	Bus...	TXFR SAVINGS	keep account active	1,000.00
OVERALL TOTAL				23,493.04

RECENT PAST AND FUTURE HIST SYMPOSIA

Meeting dates	Location	HIST symposia (- General Papers at every meeting)	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] 	Nanotechnology
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
March 21-25, 2021	San Antonio	<ol style="list-style-type: none"> 1. History of Polymer Science (1 day) [Nick Tsarevsky, Seth Rasmussen, Gary Patterson] 	Macromolecular Chemistry: The Second Century

		2. Springer Briefs in the History of Chemistry: 10 th Anniversary (1/2 day) [Seth Rasmussen]	
		3. HIST Award (1/2-1 day) [Gary Patterson]	
August 22-26, 2021	Atlanta	1. Contributions of African American Chemists (1/2 day) [Sibrina Collins]	Resilience of Chemistry
March 20-24, 2022	San Diego	1. HIST Award (1 day) [Jeff Seeman]	Bonding through Chemistry
August 21-25, 2022	Chicago	1. HIST Award (Tuesday) [Seth Rasmussen]	Sustainability in a Changing World
March 26-30, 2023	Indianapolis	1. HIST Anniversary (1/2 day) [Gary Patterson]	Crossroads of Chemistry
		2. Memories of Helen Free: Innovator, Leader, Humanitarian (1/2 day) [Jan Hayes]	
		3. Workshop on Traditional Research Methods in History (1 day) [Seth Rasmussen]	
		4. Science in Support of Technical Art History (1 day) [Mary Virginia Orna, Gregory Smith]	
August 13-17, 2023	San Francisco	1. HIST Award (Tuesday)	Harnessing the Power of Data
		2. History of Organometallic Chemistry (1/2-1 day) [Christine Hahn]	
		3. History of Energy and Fuels: Opportunities and Challenges (1 day) [Joe Jeffers, J. Louise Liu]	
March 17-21, 2024	New Orleans	1. The Birth of the 3 rd Dimension in Chemistry (1 day) [Art Greenberg and David Lewis]	Many Flavors of Chemistry
August 18-21, 2024	Denver	1. HIST Award (Tuesday)	Elevating Chemistry?
		2. 150 th Anniversary of the Priestley House [Roger Egolf]	
		3. History of Forensic Chemistry (1/2 day) [Nick Tsarevsky]	
March 23-27, 2025	San Diego	1. Chemical Technologists (1 day?) [Gary Patterson]	Transformative Chemistry?
		2. Chemical Societies [Nick Tsarevsky, Mihaela Stefan]	
August 17-21, 2025	Washington, DC		
2027		Centennial of WCC [?]	
Future		1. The History of Chemical Nomenclature [Seth Rasmussen]	
		2. History of Glass [Seth Rasmussen]	

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3. Disabled Chemists (1/2 day?) [David Lewis]
 4. Pyridine, a Privileged Structure: Chichibabin, Hantzsch, and Their Successors
(1/2 day) [David Lewis]
 5. History of Chemistry Competitions and Olympiads [Nick Tsarevsky]
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**DIVISION OF THE HISTORY OF CHEMISTRY
COUNCILORS' REPORT
American Chemical Society – Hybrid Council Meeting
March 29, 2023
Indianapolis, IN**

Actions of the Council

A. Elections Results

1. Candidates for President-Elect, 2024

By electronic ballot, the Council selected **Dorothy J. Phillips** and **Florian J. Schattenmann** as candidates for 2024 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall 2023 National Election.

2. Candidates for District III and VI

The Committee on Nominations and Elections announced the results of the election held prior to the hybrid Council meeting; to select candidates from the list of nominees for Directors from District III and District VI on the Board of Directors for the term 2024-2026. By internet ballot, the Councilors from these districts selected **Diane Krone** and **Helen (Bonnie) A. Lawlor** as District III candidates, and **Janet L. Bryant** and **Jeanette M. Van Emon** as District VI candidates. Ballots will be distributed to members residing in District III and District VI around October 1, 2023, for election of a Director from each District.

3. Candidates for Directors-at-Large

The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for the 2024-2026 term: **Wayne E. Jones, Jr., Daniel Rabinovich, Carolyn Ribes,** and **Joseph P. Stoner**. The election of two Directors-at-Large from among these four candidates and any selected via petition will be conducted in the fall. Ballots will be distributed to the Council around October 1, 2023.

4. Committee on Committees (ConC) Election

By electronic ballot, the Council elected **Daniel Rabinovich** for a two-year term (2023-2024) on the Committee on Committees (ConC).

B. Other Council Actions

1. Highlights from Committee Reports and Key Actions

- On the recommendation of the Council Policy Committee (CPC), Council approved the Petition to Amend the Duties of the Council Policy Committee to authorize CPC to review the conduct of Councilors.
- As required by the ACS Governing Documents, CPC has set the divisor for Local Section and Division representation at Council for the period 2024-2027. The formula is based on membership numbers as of December 31, 2022. Notification will be sent

by the Secretary to all affected units by May 1, with details on how they will be impacted.

- CPC reviewed the Councilor Expense Program and voted to approve a streamlined process for fall 2023. The committee also voted to review further streamlining options for the program going forward.
- On the recommendation of the Committee on Committees (ConC), and with the concurrence of the Council Policy Committee, Council approved the Petition to Amend the Duties of the Committee on Environmental Improvement to change the name of the committee to the Committee on Environment and Sustainability.
- ConC announced that the opening of the online preference form to all ACS members begins on April 3 and will run through July 3. Councilors interested in serving on an ACS Committee in 2024 should go to [CMTE.acs.org](https://cmte.acs.org) to complete their preferences.
- On the recommendation of the Committee on Nominations and Elections (N&E), and with the concurrence of the Council Policy Committee, Council approved the Petition to Add Plan B to Council Meetings, which authorizes the postponement of voting at Council in case of technology failures or natural disasters.
- N&E reminded Councilors that any petition candidates to ACS National Office must be certified by the July 15 deadline to be placed on the ballot this fall.
- On the recommendation of the Committee on Membership Affairs (MAC), Council approved the 2024 Schedule of Membership.
- The Committee on Local Section Activities (LSAC) announced the launch of the ACS Speaker Directory, a new resource for our component group leaders to access a wide range of speakers for their in-person, hybrid, and asynchronous events.
- The Committee on Meetings and Expositions (M&E) is actively engaged in collaborative efforts to re-imagine ACS meetings, targeting increased value and relevancy. Councilors can expect to receive more information on the Future of Meetings project in the coming weeks, starting next month with the M&E Chair comment in C&EN.

2. Council Special Discussion

President Giordan introduced and led a special discussion on the ongoing review of Society Committees. She sought Councilor input of positive ideas, key issues, and opportunities to improve the structure of committees.

Four specific prompts were posed to Councilors for their input and suggestions:

1. Ideally, for ACS to have a committee structure that is forward thinking and able to address opportunities for members, ACS and the chemistry enterprise, we would...

2. Current and future key issues impacting ACS, the chemistry enterprise and our committees include...
3. I wonder what the positive impact on committees, member involvement, and ACS would be if we were to...
4. I wish that committees at ACS could...

Councilors provided their ideas and thoughts, and relevant Society units will receive this input within the next several weeks.

C. Resolutions

- In memory of deceased Presidents Brian M. Rushton and Dr. S. Allen Heininger.
- In memory of deceased Councilors Yorke E. Rhodes and Maurice M. Bursey.
- In sincere appreciation of the Indiana Local Section, host Section for the spring 2023 ACS meeting

The spring 2023 meeting was held in a hybrid manner from March 26-30. As of March 29, there were 12,623 registrations (10,792 in-person and 1,831 virtual). Note: 6.6% of the participants were virtual in comparison with 19.5% virtual participants for the previous ACS National Meeting.

D. HIST Councilors

Mary Virginia Orna is serving as a member of the Senior Chemists Committee (SCC) and of its Executive Committee. She serves as the Champion on Tutorials for the SCC Inreach Subcommittee. She also serves as Co-Chair of the Partnerships Subcommittee and the Co-Champion of the Undergraduate Networking Activity. (These are all newly designated divisions of labor following the fall Strategic Planning Workshop.)

Roger Egolf is serving as a member of the Meetings and Expositions Committee (M&E) and its Operations and Finance Subcommittee. This subcommittee is charged with looking at the finances of National meetings and reviewing the choice of locations for the meetings. At the San Francisco meeting, he will be participating in a strategic planning session for the full committee.

Respectfully submitted,
Mary Virginia Orna
Roger Egolf

Report from Chair-Elect, Joe Jeffers
March 2023

I attended the ACS Leadership Conference in Atlanta January 20-22 for my first duty as Chair-Elect. In a Zoom meeting preparatory to the Atlanta meeting, I stressed the importance to HIST of interacting with other divisions in programming. ACS President Judith Giordan jumped in immediately and championed that idea. Before the Zoom session was over, Louise (Jingbo) Liu of the Energy & Fuels Division and I were invited to talk with Judy in Atlanta about a Presidential Symposium for San Francisco. Louise is Councilor for ENFL. In Atlanta, Louise and I were joined by Yunlong Zhang, ENFL Chair-Elect, for preliminary discussions. Then Judy Giordan met with us. Judy was gung-ho and wanted a proposal by January 31. After consulting with Art Greenberg and Nick Tsarevsky, the HIST Executive Committee was brought into the discussion. HIST and ENFL agreed on "History of Energy and Fuels: Opportunities and Challenges" for San Francisco with HIST being primary and ENFL and PRES as co-sponsors. Judy agreed. Louise (Jingbo) and I are co-organizers. Nick graciously postponed a symposium originally planned for San Francisco to make space for Presidential symposium in the HIST lineup.

The Leadership Conference allowed numerous contacts to be made. I left the meeting with a major thought that HIST needed an updated Strategic Plan. Art was way ahead of me and had already been thinking about that need. He initiated the process with the HIST Executive Committee and ACS. It is tentatively planned for New Orleans in 2024.

Archivist's Report

The archives for the Division of the History of Chemistry are housed in the Science History Institute in Philadelphia. The archives are complete through 2022 and consist of 55 archival boxes of material. If you would like a Finder's Guide, please send an email to johnbsharkey@me.com. The guide is also available through the HIST website.

I am assisting Gary Patterson with the preparation of a paper on "The Treasures of the HIST Archives", which will be presented at this meeting.

We are always looking for material for the archives. As you consider disposing of your historical collection please think of items that may be of historical interest for the HIST archives. If you have presented a paper at HIST we would very much like to add a copy to the archives. All we need is a digital copy of the paper (or even a digital scan) and when the paper was presented. All rights to the paper remain with the author. Please send an email if you have any questions.

John B. Sharkey, Archivist
February 11, 2023

**American Chemical Society
Division of the History of Chemistry**

**Archives
Chemical Heritage Foundation, Philadelphia PA**

Finder's Guide Outline

SERIES I: AWARDS

ACSAwards, Divisions and Local Sections
Awards Protocols
Awards' Committees
Certificate of Appreciation/ Excellence
Citation for Chemical Breakthrough
Chemluminary Awards
Dexter Award
Edelstein Award
HIST Award (replaces Edelstein Award), Symposia
Paul R. Jones Outstanding Paper Award

SERIES II: OUTREACH

Cachet Committee and Cachet Collection
Eminent Chemists Tape Program
Chemical Geneology
Chemistry Cartoons (IGP)
Elements, Discovery of
International Year of Chemistry
Historic Sites
Historically Important Chemists
History of Chemistry, Literature primer
Membership Directories, Brochures, Handbooks, and Rosters
National Meetings, Program Chair, Symposia, and Workshops
National, International Meetings, Papers Presented at HIST Sessions
Newsletters, Programs and Abstracts
Nobel Prizes in Chemistry
Oral Histories
Outreach Committee, Description of HIST
Joseph Priestley House
Publicity (HIST Invitation to Join, C&EN, ACS)
Regional Meetings, Workshops

SERIES III: ADMINISTRATION

American Association of Chemistry Teachers (AACT), joint membership

**Archives of the Division of the History of Chemistry, Archivist
Bolton Society (of CHF, SHI)
Bylaws of the Division of the History of Chemistry and the ACS
Center for the History of Chemistry (CHOC)
Chemical Heritage Foundation (CHF, formerly CHOC)
Charter, Constitution, Bylaws and Regulations of the ACS
Committees of the ACS
Copyrights and Permissions
Council of the ACS, Representation by Local Sections and Divisions
Divisional Activities Committee of the ACS
Divisional Report Card
Elections, Councilors and Officers of HIST and other ACS Committees
Executive Committee of HIST (Agenda, Composition, Minutes)
Fellows of the ACS
Forms
Grants (incl. Innovative Grants Proposals)
History of American Chemical Society
History of the Division of the History of Chemistry, Anniversaries, Historian
Leadership Institute, ACS
Strategic Planning, Mission Statement
National Historic Chemical Landmark Program
National Inventors Hall of fame
Obituaries, Biographies, Bibliographies
HIST Endowment (Proposal)
HIST Stationary
HIST Officers/Chairs Files
HIST Secretary /Treasurer Files/Annual Reports (also old financials)
Science History Institute (formerly CHI), Heritage Council Meetings
Strategic Planning, Mission Statement, Outreach Ideas
Wotiz Lawsuit (restricted)**

SERIES IV: PUBLICATIONS

ACS Books, (including e books) Symposium Series, Journals

ACS History Reprints
ACS Procedures Manual for Divisions
Non-ACS Publications
Bulletin for the History of Chemistry

SERIES V: CORRESPONDENCE

Email Correspondence
Other Correspondence

Revised 021123, JBS

**American Chemical Society
Division of the History of Chemistry**

**Archives
Science History Institute, Philadelphia PA**

Finder's Guide

**Starting with the year 2009, the HIST Archives are arranged by year.
The annual archives have not been integrated into the main Finder's Guide**

SERIES I: AWARDS (1956 – 2008)

Box 1 : Contains the Dexter awardees from 1956 through 1978, as well as more recent awards that HIST was involved in up through 2005.

ACS Awards

1/A (box 1, file folder A). Booklet produced by the ACS listing all Division and Local Section Awards, 1993 edition, 43 pp.

Awards Protocols

Location No.

1/1

Awards Committees

Certificate of Appreciation/ Excellence

1/1 2004 - Certif. of Excellence from ACS to HIST

1/2 2005 - Certif. of Excellence from HIST to C&EN

1/2A 2006 – Computer disk of certificate

Citation for Chemical Breakthrough Awards

This award, started by HIST in 2006, recognizes breakthrough publications, books and patents worldwide in the fields of science embraced by the ACS.

The term “breakthrough” refers to advances that have been revolutionary in concept, broad in scope, and long-term in impact. **Beginning in 2009, the CCB Awards are filed with the annual supplements, starting with Box 45 FF A.**

Box 1 (2004, 2006 - 2009)

1/3 2004 – CCB Award criteria and process.

1/3A 2004 – 2006 Seeman correspondence regarding start of and publicity for the CCB Award. Ten choices for the Award. Also a sealed envelope containing nominations for the 2006 Award, from J. Seeman. **(Confidential, do not open)**

1/3B 2006 – 2007 Awards for B. Merrifield (#2) and H. F. Fisher (#4).

1/3C 2006 – 2008 Financials for the Award

1/3D 2006 – C&EN article on new awards program

Chemluminary Awards

The Chemluminary Awards give members an opportunity to recognize local sections, regional meetings, and divisions that receive accolades for their tireless efforts and work in promoting chemistry and chemical sciences in local areas during the preceding year in which they are awarded.

Box 1

1/4 2006

Dexter Award (1956 – 2001)

The Dexter Award was first instituted in 1956 by Sidney Edelstein, HIST secretary 1948 – 1965. It consists of a monetary stipend that has grown over the years and a pewter plaque designed by Edelstein. It is considered the premier award in the History of Chemistry.

Dexter Awardees. Folders contain biographical sketch initially prepared by Tom Perfetti, edited by Tony Travis, and reworked and rewritten by J.J. Bohning in 2005-2006 for the HIST website, Ihde entry where available and other award anniversary material as noted for individual folder in chronological order.

1/5 1956 – Ralph Oesper. Five papers about Oesper. Copy of Oesper Award certificate. Copyright Permission from *J. Chem.*

Education.for web site.

1/6 1957 – Williams Haynes. Biographical memoir, *C&EN* on Dexter Award address.

1/7 1958 – Eva Armstrong. One paper about Armstrong.

1/8 1959 – John Read. Two papers about Read.

1/9 1960 – Denis Duveen. One paper on Duveen, *C&EN* on Duveen receiving Dexter.

1/10 1961 – James Partington. Correspondence. Two papers on Partington, obituary of Partington.

1/11 1962 – Henry Leicester. Biography by Kaufmann.

1/12 1963 – Douglas McKie. *C&EN* on Duveen receiving Dexter, two obituaries, one paper on McKie.

1/13 1964 – Eduard Faber. *ISIS* obituary, *C&EN* obituary, picture, *J. cation* Dexter Award address and cover picture.

1/14 1965 – Martin Levey. Dexter Award address, Kremers Award, two obituaries, *C&EN* on Dexter award.

1/15 1966 – Earle R. Caley. *C&EN* on Dexter Award, chemical genealogy, wife's bio, John Frederick Lewis Award.

1/16 1967 – Mary Elvira Weeks. Bio from U. Kansas publication.

1/17 1968 – Aaron Ihde. Wisconsin faculty tribute. Correspondence.

1/18 1969 – Walter Pagel. Twelve bios and obituaries.

1/19 1970 – Ferenc Szabdvary. Release forms, Szabdvary edits, obituary.

1/20 1971 – Wyndham Miles.

1/21 1972 – Henry Guerlac. Cornell biographical material. Picture.

1/22 1973 – Bernard Jaffe.

- 1/23 1975 – Jan von Spronson. Correspondence, biographical material, picture.
- 1/24 1976 – Trevor Williams. Obits, bio.
- 1/25 1977 – Modesto Bargallo. Bios.
- 1/26 1978 – George Kauffman. Bios. Release form.

Box 2 : Contains histories of the Dexter Award and nominations and biographical information on the candidates from 1979 through 1987. 2/4 contains a copy of a monograph “A Quarter Century of Dexter Awards” presented to Sidney Edelstein in 1981. 2/6 contains booklet “A Quarter Century of Dexter Awards” August 25, 1981, presented to Sidney Edelstein by HIST.

- 2/1 1979 – Joseph Needham. Eight obits, bios, articles.
- 2/2 1980 – Maurice Daumas. Two obits.
- 2/3 Nomination of Leslie Etre (1979)
- 2/4 “A Quarter Century of Dexter Awards”. Monograph (copy) presented to Sidney M. Edelstein, 1981.
- 2/5 Duplicate copy of monograph
- 2/6 “History of the Dexter Award” by Aaron J. Ihde, 1981
- 2/7 1981 – Cyril Stanley Smith. Two obits. Papers.
- 2/8 1982 – John Wotiz. Two obits, CV, Oral History, Release forms.
- 2/9 1982 “Twenty-Fifth Anniversary of the Dexter Award” by Aaron Ihde.
- 2/10 1983 – Arnold Thackray. Interview, CV, release forms
- 2/11 1984 – Maurice Crossland. Correspondence. CV, publications, picture. Release forms.
- 2/12 Nomination of Raymond Seymour (1984).
- 2/13 1985 – Robert Multhaus. Six bios, obits. Dexter Award address “Some Observations -[on the History of Chemistry”.
- 2/14 “The World of Chemistry on Stamps” by Richard M. Lawrence, 1983.
- 2/15 1984 – Nomination of Richard Lawrence.
- 2/16 Nomination of Yuri Solov’ev (1984)
- 2/17 1986 – Robert Anderson. Release forms.
- 2/18 1987 – Allen Debus. Picture, CV, publications, release forms, Dexter Award address.

Box 3 : A continuation of the Dexter awardees from 1987 through 1994.

- 3/1 Nomination of R.H.S. Robertson (1987).
- 3/2 Nomination of M. Klotz (1987).
- 3/3 Nomination of Kenneth C. Barraclough (1987)
- 3/4 Nominations (1986 – 1988).
- 3/5 Nomination of O. Bertrand Ramsay (1987).
- 3/6A Nomination of Robert Siegfried (1988).
- 3/6B 1988 – Lutz Haber. Correspondence, picture (on CD). Dexter Award Address, release forms.

- 3/7 "History of the Dexter Award" by Aaron J. Ihde, 1988. Published in the *Bulletin for the History of Chemistry*.
- 3/8 1989 – Stanley Tarbell. Award notification letter, two obits, release forms. Dexter award address.
- 3/9 1990 – Colin Russell. CV, correspondence, release forms, Dexter Award address.
- 3/10 Nomination of Yuri Solov'ev (1990).
- 3/11 1991 – Owen Hannaway. Two obits, release forms, CV.
- 3/12 Photos of Dexter Award luncheon for Owen Hannaway.
- 3/13 1992 – John Stock. Two obits, publications, correspondence, release forms, pictures.
- 3/14 Nominations for Dexter Award (1992-1993).
- 3/15 Dexter Award, terms and conditions. Winners 1956 – 1992.
- 3/16 Dexter Award, committee work.
- 3/17 1993 – Joseph Fruton. CV, publications, release forms, pictures (on 2.5 floppy), Book *Eight Years* in front of Box 16A.
- 3/18 1994 – Frederic Holmes. Yale press releases, three obits, CV, release forms.

Box 4 : A continuation of the Dexter awardees from 1994 through 2005, including a CD and VHS of Keith Laidler's address. Box 4 also contains correspondence with CHF concerning the funding of the award (4/8), images of the Dexter awardees from the Oesper collection, and biographies of Dexter and Edelstein on CD and the Dexter/Edelstein Biography Projects.

- 4/1 HIST letter of condolence to Mrs. Edelstein on the death of Sidney Edelstein.
- 4/2 1995 – William Brock. Release forms, nomination and CV.
- 4/3 1996 – Keith Laidler. Two bios, U. of Ottawa material, Books, awards, Dexter Award address, Dexter Award address video and CDs in front of box.
- 4/4 1997 – Bernadette Bensaude-Vincent. Correspondence, CV, two bios, release forms.
- 4/5 1998 - Nomination of Jeffrey Sturchio
- 4/6 1998 - Seymour Mauskopf. Duke University material, misc bios, release forms.
- 4/7 1999 – Mary Jo Nye
- 4/8 1999 – 2000. Letters concerning the financial support of the Dexter Award. Includes correspondence with the Chemical Heritage Foundation (CHF).
- 4/9 2000 - Nomination of Joseph Lambert.
- 4/10 2000 – Alan J. Roche.
- 4/11 2001 – William A. Smeaton.
- 4/12 2001 - Nominations for Dexter Award.
- 4/13 Images of Dexter Awardees from the Oesper Collection. Also a CD Rom.
- 4/14 2005 - Dexter/Edelstein Biography Project.
- 4/15 Same material on a CD Rom.
- 4/16 1988 – 1989. History of the Dexter Award; copies of articles in the HIST *Bulletin* by James Bohning.

- 4/17 1996 – 2001, Dexter Award, correspondence.
 4/18 2004 – Listing of Dexter Awardees as published in *Bulletin*.

Edelstein Award

The Edelstein Award for Outstanding Achievement in the History of Chemistry was given from 2002 through 2009. Following Sidney M. Edelstein's death in 1994, the Dexter Chemical Corporation continued to sponsor the Dexter Award until 1999. Afterwards the Edelstein family decided to continue the award and provided the major funding for the award, which was renamed "The Sidney M. Edelstein Award for Outstanding Achievement in the History of Chemistry". The newly named award was established in 2002 and was cofunded by the Chemical Heritage Foundation with further support from HIST's budget. The award ceased in 2009 when funding sources terminated.

Box 5 : Contains a description of the Edelstein Award, selection procedures, funding and a list of past award winners. Individual file folders contain both award nominations and winners. Box 5 also contains information on the HIST Award, which replaced the Edelstein Award.

- FFA 2004 – 2006, Award description, procedures, funding, past award winners.
- FFB 1995 – 2009, Dexter/Edelstein Award summary – details.
- 5/1 1987 – 1988, Edelstein Award, oral history of Sidney Edelstein by Sturchio and Thackray.
- 5/2 1995 – Biography of Sidney Edelstein by Arnold Thackray
 1995 – Brochure for symposium: "Sidney Edelstein, A Salute to his Contributions and Accomplishments". 210th National ACS meeting.
- 5/3 2002 " –Ruling the Roost: Sidney Edelstein and HIST".
- 5/4 2002 – Edelstein Award, J.J. Bohning nominations
- 5/5 2002 – John C. Parascandola
- 5/6 2003 – David M. Knight
- 5/7 2004 – Joseph B. Lambert
- 5/8 2005 – William B. Jensen
- 5/9 2005 – William B. Jensen
- 5/10A 2006 – Nominations
- 5/10B 2006 – Edelstein Award and CHF Agreement
- 5/10C 1999 – 2006, Dexter and Edelstein Awards, funding of.
- 5/11 2006 – Peter J. T. Morris
- 5/12 2006 – Peter J. T. Morris
- 5/13A 2007 – Award letter
- 5/13B 2007 – Anthony S. Travis
- 5/15 2008 – Sir John Rowlinson
- 5/16 2009 – Trevor Levere

HIST Award (replaces Edelstein Award)

- 5/17 2009 – HIST Award, proposal for funding.

Beginning in 2009, the HIST Award is filed with the annual supplements. See box 41 FF2.

Box 6 : Contains information and winners of the Outstanding Paper Award from 1983 through 1987.

Outstanding Paper Award

The Outstanding Paper Award, first presented by HIST in 1984, recognizes and encourages outstanding scholarship in the history of chemistry. The award is presented to the author of the best paper published in the *Bulletin for the History of Chemistry* during the previous three years. Prior to 1989, the award was given for the best oral presentation of a HIST paper.

Beginning in 2009, the OPA is filed with the annual supplements. See Box 41 FF3.

- 6/1 1983 – Creation of award and procedures for the award.
- 6/2 1984 “ –Chemical Explanations: Free Radicals in the Development of Reaction Mechanisms” by M. Christine King. Abstracts, 186th ACS National Meeting, Washington DC, August-Sept. 1983. Abstract ORGN 261.
- 6/3 1985 “ –The Historical Development of Rubber Chemicals” by J.J. Leucken and J.P. Ferrin. Book of Abstracts, 188th National meeting ACS, Philadelphia PA, August 1984. Abstract HIST 34
- 6/4 1986 “ –Recent Developments in PTFE Resins” by Carleton A. Sperati.
- 6/5 1987 – “ Herman Irving Schlesinger: The Man, His Chemistry, and His Impact Upon the Department of Chemistry at Chicago” by Grant Urry. Book of Abstracts, 190th National Meeting, ACS, Chicago, September 1985. Abstract HIUST 26.
- 6/6 1988 “ –Charles Frederick Chandler (1836 – 1925) and the American Chemical Society” by Jeffrey L. Sturchio. Book of Abstracts, 193rd National Meeting, American Chemical Society, Denver CO, April 1987. Abstract HIST 7.
- 6/7 1989 “ –The 1893 World’s Congress of Chemists: A Center of Crystallization in a Molecular Melange” by James J. Bohning. *Bull. Hist. Chem.* 3 (1989), 16-21.

(NOTE – the papers in box 6 are not in good order; many are the evaluation forms and it is difficult to identify the winner. A list of past winners should be compiled)

Box 7 : A continuation of the Outstanding Paper Award.

- 7/1 1990 “ –Kasimir Fajans (1887-1974): The Man and His Work.” Part I: Europe. Part II: America by Reynold E. Holmen. *Bull. Hist. Chem.* 4 (1989), 15-23; 6 (1990), 7-15.
- 7/2 1991 - :The Reception of Hydrogen Bonding by the Chemical Community: 1920-1937” by Denis Quane. *Bull. Hist. Chem.* 7 (1990), 3-13.
- 7/3 1992 “ –Between Two Stools: Kolbe, Kopp, and the History of Chemistry” by Alan J. Rocke. *Bull. Hist. Chem.* 7 (1990), 19-24.
- 7/3A 1984 – 1993, Winners of the Outstanding Paper Award. Award Guidelines, 1993.
- 7/4 1993 “ –Faraday’s Election to the Royal Society: A Reputation in Jeopardy” by June Fullmer and Melvyn Usselman. *Bull. Hist. Chem.* 11 (1991), 17-28.
- 7/4 File also contains information on funding for this award.
- 7/5 1994 “ –Stereochemical Models of Benzene: 1869-1875” by Leonello Paolini. *Bull. Hist. Chem.* 12 (1992), 10-24.
- 7/5 File also contains guidelines for award and list of past winners.

- 7/6 1995 “ –Robert Mayer and the Conservation of Matter” by Kenneth L. Caneva. *Bull. Hist. Chem.* 13-14, (1992-1993), 27-29.
- 7/7 1996 “ –The Chemists’ War: The Impact of World War I on the American Chemical profession” ” by David J. Rhees. *Bull. Hist Chem*, 13/14 (1992-3), 40-47.
- 7/8 1997 “ –Alexander Mikhailovich Zaitsev, Markovnikov’s Conservative Contemporary” by David E. Lewis. *Bull. Hist Chem.* 17/18, (1995), 21-30.
- 7/8 File also contains award guidelines and notification process.
- 7/9 1998 “ –Thomas Martin Lowry and the Mixed Multiple Bond” by Martin D. Saltzman. *Bull. Hist. Chem.* 20, 1997, 10-17.
- 7/9 File also contains list of committee members 1991 – 1998.
- 7/10 1999 “ –Otto Folin and Donald Van Slyke: Pioneers of Clinical Chemistry” by Louis Rosenfeld. *Bull. Hist. Chem.* 24 (1999), 40-47.
- 7/11 2000 – Award Committee
- 7/11 2000 “ –Christopher H. Phaft and the Controversy Over Voltaic Electricity” by Helge Kragh and Malene M. Bak. *Bull. Hist. Chem.*, 25 (2000), 83-90.
- 7/12 2001 “ –The History of Ozone. The Schonbein Period” by Mordecai Rubin, *Bull. Hist. Chem.* 26, (2003) 40-56.
- 7/13 2002 “ –Die Edelgeborne Junfrer Alchymia: The Final Stage of European Alchemy” by Vladimir Karpenko, *Bull. Hist. Chem.* 25 (2000), 50-63.
- 7/14 2003 “ –Ernest Rutherford, the ‘True Discoverer’ of Radon”, by J. and V. Marshall, *Bull. Hist. Chem.* 28, (2003), 76-83.
- 7/16 2004 – No Outstanding Paper Award.
- 7/15 2005 “ –D. I. Mendeleev’s Concept of the Chemical Elements and the *Principles of Chemistry*” by Kaji Masanori. *Bull. Hist Chem.*, 27(1), (2002), 4-16.
- 7/15 1984 – 2005 Winners of the Outstanding Paper Award.
- 7/16 2006 “ –Andres del Rio, Alexander von Humboldt, and the Twice-Discovered Element,” by Lyman R. Caswell. *Bull. Hist. Chem.*, 28(1), (2003), 35-41.
- 7/17 2007 – “Bernard Courtois (1777-1838), Famed for Discovering Iodine (1811), and His Life in Paris from 1798” by Patricia A. Swain. *Bull. Hist. Chem.* 30(2), (2005), 103-111.
- 7/18 2008 - “Charles James, B. Smith Hopkins, and the Tangled Web of Element 61,” by Clarence J. Murphy. *Bull. Hist. Chem.*, 31(1), (2006), 9-18.

SERIES II: OUTREACH

Box 8 : Contains information on the ACS Presidention cachet series the Joseph Priestley House and other historic sites.

Cachet Committee and Cachet Collection

The Presidential Cachet honored early ACS presidents with a philatelic cachet and USPS postal cancellation issued at most ACS National meetings from 1983 to 1995. In addition to the cachet, a paper on the ACS president was presented during the regular sessions of HIST. Other anniversary cachets (non-HIST) are included in FF 1, 2, and 11.

- 8/1 1951 – Philatelic cachet of the 1951 ACS meeting

8/2	1983 – Philatelic cachet entitled “Chemistry in Philately”.
8/3 – 8/10	1983 – 1995 – Philatelic Cachet Committee and Collection.
8/11	1988 – Philatelic cachet honoring the 50 th anniversary (1938-1988) of the Division of Analytical Chemistry of the ACS.
8/12 – 8/18	Continuation of the ACS presidential cachets.
8/19	1991 – Cachet commemorating the 100 th anniversary of the ACS New York Section (1891 – 1991).
8/20 – 8/24	Continuation of the ACS presidential cachets.
8/25	Cachet Committee correspondence.
8/26 – 8/28	Continuation of the ACS presidential cachets.
8/29	Cachet Committee correspondence.

Eminent Chemists Tape Program

No file

Chemical Genealogy

8/31	2002 – Michigan State chemical genealogy debates.
8/32	2002 – Chemical Genealogy Database – home page.

International Year of Chemistry

The IYC 2011 was a worldwide celebration of the achievements of chemistry and its contributions to the well-being of humankind. IYC 2011 was an initiative of IUPAC and UNESCO. In the U.S., the ACS, CHF and AICHE were all heavily involved in this initiative.

No file

Historic Sites

No file

Box 9 : Contains membership directories, brochures, handbooks and HIST rosters from 1961 through 1994.

Membership Directories, Brochures, Handbooks, and Rosters

9/1 – 9/10	1961 – 1994
9/11	2003

Box 10 : A continuation of directories etc from 1994 through 2006.

Membership Directories, Brochures, Handbooks, and Rosters

10/1 – 10/11	1994 – 2005
10/12	2006 – Membership brochures.

Box 11 : Contains National Meetings information, program chair information, symposia and tickets for years 1983 through 1986.

National Meetings, Program Chair, Symposia, Papers Presented, Tickets

- 11A Paper (incomplete): R.D. Billinger
Heindel, N. – Correspondence, re: a paper by R. D. Billinger.
- 11B 1983 – Paper: *Civic Chemistry in Metropolitan New York, 1870 – 1910: The Chandler Circle*. Presented by Jeffrey L. Sturchio at the 17th Middle Atlantic Regional Meeting of the ACS. Paper donated by John B. Sharkey (HIST Archivist)
- 11/1 – 11/8 1983 – 1986

Box 12 : A continuation of National meetings etc. from 1986 through 1988.
12/1 – 12/7 1986 – 1988

Box 13 : A continuation of National meetings etc. from 1987 through 1988.
13/1 – 13/6 1987 – 1988

Box 14 : A continuation of National meetings etc. from 1988 through 1990.
14/1 – 14/10 1988 – 1990

- 14/11 1989 – Paper: *From Göttingen to Amherst: The Personal Matrix Influence in the Career of Charles Anthony Goessmann, 10th President of the ACS for 1887*. Presented by James J. Bohning at 198th National Meeting of ACS, September 1989. Paper donated by John B. Sharkey.
- 14/12 Paper: *Henry Bradford Nason, ACS President in 1890*. Presented by R. Goldsmith at 199th National Meeting of the ACS, Spring 1990. Paper donated by John B. Sharkey.
- 14/13 Paper: *George F. Barker and the Borderland Between Physics and Chemistry*. Presented by John B. Sharkey at 200th National Meeting of the ACS, HIST, Washington DC, August 26-31, 1990. Paper donated by the author.

Box 15 : A continuation of National meetings etc. from 1991 through 2007.
File 15/12 contains John Stock's last paper presented at HIST and file 15/18 contains CD of HIST Symposium "HIST at 85"

- 15/1 – 15/18 1991 – 2007
- 15/1 1991 – Paper: *The Centennial of the New York Section of the American Chemical Society*. Presented by John B. Sharkey at Fourth Chemical Congress of North America, August 1991. Donated by John B. Sharkey
- 15/9A 1993 – Paper: *Charles Edward Munroe, ACS President 1898*. Presented by Ben B. Chastain, at 206th National Meeting of the ACS, Fall 1993. Donated by John B. Sharkey.
- 15/9B 1994 – Paper: *William McMurtrie, Baking Powder and the Sugar Beet*. Presented by John B. Sharkey at 208th National Meeting of the ACS, HIST, August 23, 1994. Donated by the author.
- 15/9C 1995 – Archeological Chemistry Symposium.
- 15/9D 2001 – Paper: *Looking Back and Looking Ahead, the 1976 Meeting of the ACS*.

Symposium celebrating a century; the ACS anniversary years of 1901, 1926, 1951 and 1976. Presented by John B. Sharkey at 222nd National Meeting of the ACS, August 27, 2001. Donated by the author. Also a listing of items from these four ACS meetings that were part of an historic display.

15/12A2005 – Jeanette Brown Symposium on Minority Affairs.

15/19 2007 – Symposium on Landmark Chemistry Books of the 20th Century
(Bolton Society).

Box 16 A: Contains newsletters, programs and abstracts associated with ACS National meetings for the years 1924 – 1936, 1956 – 1963, 1970 – 1979, and 1980 – 2008. Box also contains information on regional meetings, as well as the HIST website, facebook and our domain registry.

Newsletters, Programs and Abstracts

16A/FFA 1924 – 1936 - Early HIST abstracts.
16A/1 1956 – 1963 - Abstracts
16A/2 1970 – 1976 – Newsletters, Aug. 1975
16A/3 1977 – 1978 – Newsletters; abstracts April 1979, abstracts Sept. 1979 (one page only; remaining abstracts on pre-2008 DVD)
16A/4 1980 – 1981 – Newsletters. **History of Dexter Award** in Oct. 1981
16A/5 1982 – 1983 – Newsletters; abstracts Fall 1982, Fall 1983
16A/6 1984 – Newsletter; abstracts, Fall
(1985 - see Dexter Award address by Robert Multhauf under 1985 Dexter Award)
16A/7 1986 – Newsletter; abstracts, Fall
16A/8 1987 – Newsletter; abstracts, Fall
16A/9 1991 – Abstracts Spring and Fall
16A/10 1993 – Newsletter and abstracts, Spring
16A/11 1994 – Newsletter and abstracts, Spring
16A/12 1996 – Newsletter and abstracts, Spring
16A/13 1997 – 1998 – Newsletter and abstracts Fall 1998
16A/14 1999 – Abstracts Spring and Fall
16A/15 2000 – Newsletter and abstracts, Fall
16A/16 2001 – Newsletter and abstracts, Fall
16A/17 2002 – Newsletter and abstracts
16A/18 2003 – Newsletter and abstracts
16A/19 2004 – Newsletter and abstracts, Fall
16A/20 2005 – Division of Geochemistry, abstracts, Spring.
 HIST CDR disk, July
16A/20A 2005 – Newsletter and abstracts
16A/20B 2006 – Newsletter and abstracts
 Booklet 8th annual ChemLuminary Awards, fall
 Second annual Chemist – Composers Concert, Program, Fall
16A/21 2006 - Newsletter, program and abstracts, Spring and Fall
 Newsletter - Chinese – American Chemical Society, Fall
 HIST CDR February 2006
16A/22 2007 - Newsletter, program, abstracts, Spring and Fall
16A/23 2008 – Photo, Fall 2008 Nat'l Mtg., Speakers, Symposium – Landmark Chemical

Books of 20th Century V, Chemical Engineering.

Photo, K. Barry Sharpless Citation, Fall 2008, J. Hayes, J. Coleman,
R. Zare.

16A/24 2008 - Newsletter, program, abstracts, Spring

16A/25 2008 – Newsletter, program, abstracts, Fall

Oral Histories

A number of oral histories were conducted by members of HIST for the Chemical Heritage Foundation (formerly CHOC, now the Science History Institute)

16/26A 1990 – Interview with Robert George Denkewalter, conducted by Leon Gortler, June 18, 1990, at Merck & Co.. Inc., Rahway NJ.

1992 – Interview of Ralph Franz Hirschmann, conducted by Leon Gortler for the Merck Archives, September 10, 1992, at the University of Pennsylvania.

2000 – Letter from Merck Archivist to John Sharkey, concerning “who was first” in the effort to synthesize an enzyme, ribonuclease.

Joseph Priestley House

The JPH was the American home of Joseph Priestley (1733-1804) from 1798 until his death. The home has been a frequent place of celebration for the American Chemical Society; they commemorated the centennial and bicentennial of the discovery of oxygen gas by Priestley as well as the 250th anniversary of Priestley’s birth.

No file

Publicity (HIST Invitation to Join, C&EN)

16/26 ? HIST membership applications

Regional and Other Meetings

16/27A 1961 – HIST Regional Mtg. Monmouth College NJ, June

16/27B 2006 – MARM Program

Website, Facebook, Domain Registry, Internet References in History of Chemistry

16A/28 2004 - Domain Registry

16A/29 2006 - HIST Website, CDR

16A/30 ? Virtual Library – Science, Chemistry, History of Chemistry

<http://www.liv.ac.uk/chemistry/links/refhistory.html>

P. Ramberg – memo on courses in philosophy of chemistry

Box 16B: Contains a book and bound copies of HIST abstracts, Fall 1981 to Fall 2008

Book

1994 “ –Eighty Years” by Joseph S. Fruton

Abstracts

16B/1 1981 – 2000 – HIST abstracts, bound, Fall 1981 – Spring 2000

16B/2 2000 – 2008 – HIST newsletter, program and abstracts, bound, Fall 2000 to Fall 2008

SERIES III: ADMINISTRATION

Box 17

Archives of the Division of the History of Chemistry, Archivist

Box contains the history of the archives and what to save.

- 17/1 2004 – 2007 - Formation of the HIST Archives
- 17/2 2005 - HIST Archives and the ACS
- 17/3 2006 – Innovative Grant Proposal to prepare HIST Archives
- 17/4 1990, 2001 – Location of early archival material
- 17/5 2005 – 2007 – Recommendations on what to save in the archives
- 17/6 2005 – Archivist's Reports

Bolton Society (of CHF)

Bylaws of the Division of the History of Chemistry

- 17/10 1961 – 1963 – HIST Bylaws
- 17/11 1969 – HIST Bylaws
- 17/11A 1976 – HIST Bylaws
- 17/12 1992 – 1995 – HIST Bylaws
- 17/13 2007 – HIST Bylaws

Center for the History of Chemistry (CHOC)

- 17/15A 1972 – 1975, 1981 – CHOC – U. Penn Library
- 17/15B 1983 – Inauguration of the Center for the History of Chemistry
- 17/15C 1987 – Booklet Society for the History of Technology Pelican's Directory
- 17/15D 1991 – CHOC – ACS HIST Liaison

Charter, Constitution, Bylaws and Regulations of the ACS

(see Seeman, 2006)

- 17/16A 1995, 2000, 2006 – Charter, Constitution, Bylaws and Regulations of the ACS
- 17/16B 1991, 1997, 1998 – Bylaws, preparation of amendments to divisional bylaws
- 17/16C 2000, 2005 – Bylaws, preparation of amendments of division bylaws

Chemical Heritage Foundation (CHF, formerly CHOC)

17/17 – 17/19 1994 – 1998

Contains HIST affiliation with CHF

Box (see Seeman)

- 17/19A 2004 – Symposium celebrating the bicentennial of the life of Joseph Priestley; flyer and article in *C&EN*, 9/20/2004, "Joseph Priestley Remembered"
- 17/19B 2006 – Deed of Gift HIST to CHF of all HIST materials that pre-date November 2005
- 17/19C 2007 – 2008, HIST affiliation with CHF

Committees of the ACS

(see Seeman)

Copyrights

17/20 ? Copyright status form
1999 – ACS Copyright issues.

Divisional Activities Committee of the ACS; Grants and HIST Report Card

17/21 1979 - Division of Small Chemical Business

17/22 2000 - Divisional Activities Committee

(See also under Grants – DAC Innovative Grant Proposal)

17/22A2005 – Divisional Code of Practice.

Elections, Councilors, and Officers of HIST

17/23 1993 – HIST Nominations Committee

17/23A1995 - 1997

17/23B 2001, 2004, 2006

17/25 2008

Box 18

Executive Committee of HIST (Composition of, Minutes)

18/1 – 18/13 1989 – 1994

Box 19

Executive Committee of HIST (Composition of, Minutes)

19/1 1995

19/2 1996

19/3 1997

19/4 1998

19/5 1998 – 1999

19/6 1999

19/7 1999

19/8 2000

19/9 2000 – 2002

19/9A 2001

19/9B 2002

19/10 2003

19/11 2002 – 2003

19/12 2004

19/13 2005

19/14 2006 – Atlanta

19/15 2006 – San Francisco. Contains a recognition of Paul R. Jones, *Bull. Hist. Chem.*

Editor.

19/15A2007 – Chicago

19/15B 2007 - Boston

19/16 2007

19/17 2008

Box 20

Fellows of the ACS

20/A - HIST members who are ACS Fellows

Forms

20/B - Model Release Form [files 20B,C,D,E were files 19/16/17/18/19;
make sure files were transferred from 19 to 20]

See also under *Bulletin for the History of Chemistry*, Release Forms

See also under Copyrights for Copyright Status Form

See also under CHF for CHF Deed of Gift Form

Grants

20/C 2005 – DAC Grant for Divisional Enhancement

20/D 2006 - DAC Innovative Grant Proposal
Citation for Chemical Breakthrough Awards

20/E 2008 – DAC Grant for Divisional Enhancement

Box 20

History of American Chemical Society

20/1 1958

1971 Brief History of the Chicago Section, ACS

1974

20/2 Draper invitation

2000 “Founders of the Chemical Society of Washington” by Joseph M. Antonucci,
The Capital Chemist, August-September 2000, p. 53-4.

History of the Division of the History of Chemistry, Historian

20/3 Photographs, year unknown (possibly 1950s)

20/4 2000 “–History of HIST” by George Kaufman.

20/5 2005 – Brief biographies of Edgar Fahs Smith and Charles Browne.

20/6 2007 “–HIST Celebrates 85 Years”.

20/6A 1988, 2005 – Responsibilities of the Historian and Archivist.

Mission Statement

(See under Strategic Planning)

National Historic Chemical Landmark Program

The National Historic Chemical Landmarks program was launched by the American Chemical Society in 1992 and has recognized more than 60 landmarks to date (through 2011). The program celebrates the centrality of chemistry. The designation of seminal achievements in the history of chemistry demonstrates how chemists have benefited society by fulfilling the ACS vision: Improving people’s lives through the transforming power of chemistry. Members of HIST were instrumental in forming this program, and many continued to serve on the program throughout the years. John B. Sharkey, HIST Archivist, donated a complete set of Landmark program booklets (through about 2010) to the Othmer Library of the Chemical Heritage Foundation.

Box 20

20/7 – 20/8 1996 – 1999

- 20/9 2004 - 2005 – Board meeting, NHCLP.
- 20/10 2007 – Pfizer Landmark, Brooklyn NY.
- 20/11 2007 – Board meeting, NHCLP.
- 20/12 2008 – NHCLP recognition award to James J. Bohning.
- 20/13 2008 – Deed of Gift of NHCLP material from James Bohning to CHF.

Box 21

National Inventors Hall of Fame

Obituaries, Biographies, Bibliographies

- 21/1 1980 – Obituary of Virginia Bartow
- 21/1B ? Brief biography of Otto, Eisenschiml
- 21/2A 1999 - Obituary of Glenn Seaborg
- 21/2B 1994 - Betty Jo Teeter Dobbs, biography and obituary
- 21/3 2005 - Obituary of John T. Stock
- [43/23 2011 – Obituary of James J. Bohning.]
- [44/21 2012 – Obituary of James J. Bohning.]

Box 21

HIST Stationary and Logo

- 21/3 2004 – HIST Logo
- 21/4 HIST stationary

Box 22

HIST Officers/Chairs Files

The files are listed by the year(s) of term of the HIST Chair and the name of the HIST Chair.

Starting with year 2009, the Chair's files may be found with the annual supplements. See Box 41.

- 22/1 1952 – 1954, Bartow
- 22/2 1964 - Ihde (conatins a five page analysis of how HIST should be structured)
- 22/3 1970-1973, Dexter Award, election of Chair.
- 22/4 1974 – Rare books donated by the ACS to the Chemists' Club Library
- 22/5 1974 – 1975 - Ramsey. Planning for the ACS Centennial. Copies of ACS Centennial news.

Box 23

- 23/1 1975 – Ramsey files (Chair 1975)
- 23/2 1976 – ACS Governance
- 23/3 1975 – Ramsey files
- 23/4 1975 – Van't Hoff – LeBel Centennial
- 23/5 1976 – Ramsey files
- 23/6 1976-1977 - Miller files (Chair 1977)
- 23/7 1977 – Ramsey files
- 23/8 1978-1979 - Heindel files (Chair 1978)

Box 24

- 24/1 1982 – Gortler files (Chair 1983)

24/2 1982-1984 - Gortler files
24/3 1982-1984 - Gortler files
24/4 1983-1984 - Officers files, financials.

Box 25

25/1 1986 - Bohning files (Chair 1986)
25/2 1986 – Bohning files
25/3 – 25/6 1987-1988 - Goldsmith files (Chair 1987)

Box 26

26/1 – 26/6 1988 – 1989

Box 27

27/1 – 27/3 1990 – 1993

Box 28

28/1 1993 – Sturchio files (Chair 1993)
28/2 1994 – Jones files (Chair 1994)
28/3 1995 – Saltzman files (Chair 1995)
28/4-28/9 1997-1998 – Goldwhite files (Chair 1997-1998)
28/10 1999-2000 – Weininger files (Chair 1999-2000)
28/11 2001-2002 – Rice files (Chair 2001-2002)

Box 29

Box 29A 2005 - 2006 - Seeman files
Awards Committee
Certificate of Appreciation
Citation for Chemical Breakthrough Award
Chemluminary Award
Outstanding paper Award
National Meeting, piano concert
Bylaws, HIST
HIST and CHF collaboration
Copyrights and permissions
Divisional Activities Committee ; Leaders Conference
Divisional Activities Committee Report Card (HIST)
Executive Committee
Grants, PRF
HIST Historian
Strategic Planning and Mission Statement
Chair's files 2004
Box 29B 2005 – 2006 - Seeman files
2005 - Chair's files
2006 - Chair's files
Secretary/Treasurer files

Reprints, ACS
HIST Bulletin, correspondence

Box 30

30/1 2006 – Egolf files

Box 31

HIST Secretary /Treasurer Files/Annual Reports (also old financials)

31/1 1948-1960 – Secretary/treasurer files.
31/2 1956 – Proposal for HIST to buy the Priestley House.
31/3 1961-1965 – Secretary/Treasurer files.
31/3A 1970-1973 – Secretary/Treasurer files
31/4 1983 – Secretary/Treasurer files.
31/5 1983 – Secretary/Treasurer files.
31/6 1983-1984 – Secretary/Treasurer files.
31/7 1980-1983 – Secretary/Treasurer files.
31/8 1982-1983 – Secretary/Treasurer files.
31/9 1983-1985 – Secretary/Treasurer files.

Box 32

32/1 1986 – Secretary/Treasurer files
32/2 1987 - ”
32/3 1988 - ”
32/4 1989 - ”
32/5 1986 – 1988 – Treasurer files
32/6 1986 – 1988 – Treasurer files

Box 33

33/1 1990 – Secretary files
33/2 1991 – 1992 – Secretary files
33/3 1993 – Secretary files
33/4 1994 – Sect’y files
33/5 1994 – 1995 – Sect’y files
33/6 1996 – 1998 – Sect’y files
33/7 1992 – 1993 – Treasurer files
33/8 1993 – 1994 – Treasurer files
33/9 1993 – 1994 – Treasurer files
33/10 1994 – 1995 – Treasurer files

Box 34

34/1 Empty
34/2 1996 – 1999 – Investments
34/3 1992 – 2003 – Sect’y/Treasurer files
34/4 1993 – 2003 – Sect’y/Treasurer files
34/5 1994 – 2004 – Sect’y/Treasurer files

- 34/6 2005 – Sect’y/Treasurer files
 34/7 2006 – Sect’y/Treasurer files
 34/8 2007 - Sect’y/Treasurer files
 34/9 2008 – 2009 - Sect’y/Treasurer files

Box 35

- 35/1 1995 – 2001 – Sect’y/Treasurer files
 35/2 2000 – 2003 – Sect’y/Treasurer files
 35/3 1995 – 2004 - Sect’y/Treasurer files; 2004 Annual Report
 35/4 2000 – 2002 – Investments

Box 36

- 36/1 2007 – Sect’y/Treasurer files
 36/1A 2005 – HIST tax compliance

Strategic Planning, Mission Statement

- 36/2 2003 – Outreach Strategic Plan
 36/3 2005 – Transitioning to electronic communications.
 36/4 2008 – HIST Strategic Planning

Wotiz Lawsuit (restricted)

Box 36A

SERIES IV: PUBLICATIONS

Box 37

ACS Books, Symposium Series, History of Chemistry Reprints

- 37A “The Origins of the Cincinnati Chemical Community, A Pictorial Overview” by William B. Jensen, 1988. Publ. by Cincinnati Section of the ACS.
 37/1 Chemistry and Science Fiction
 Archeological Chemistry
 Coordination Chemistry Centennial
 37/2 *C&EN*, March 7, 1994, p 30-44, “Science in American Life”, reprint of Special Report, exhibit at Smithsonian’s Nat’l Museum of American History.
 “To Improve our Knowledge in Nature and Arts”: A History of Chemical Education in the United States. Bruce V. Lewenstein, *J. Chem Ed.* January 1989.
 “History of Chemistry”, H. M. Leicester, *J. Chem. Ed.*
 “Tempest in a Glass”, review, *C&EN*, 2005
 “Albert Einstein, 2005”, *Chemistry*
 “A Tale of Two Books” *C&EN*, October 10, 2005, HIST Symposium
 “Polymer Division Turns 50”, *C&EN*, October 15, 2001
 “Kekule, Butlerov, Markovnikov: Controversies on Chemical Structure, 1860-1870”,

- H.M. Leichester, 1966, ACS Advances in Chemistry Series.
 “Some Aspects of the History of Chemistry in Russia”, H.M. Leichester, 1963, *J. Chem. Ed.*
 “Mikail Lomonosov on Glass and Mosaics”, H. M. Leichester, 1969, *J. Chem. Ed.*
 “Syntheses in General Chemistry”, G. B. Kaufman, *Chemistry*, 1974.
 “Molecules in Three Dimensions”, O. B. Ramsey, *Chemistry*, 1974.
 “Sir William Brooke O’Shaighnessay, Pioneer Chemist in Colonial Environment”, *J. Chem. Ed.*, 1969.
 “The Chemical World of Paul Walden”, D. Stanley Tarbell, *J. Chem. Ed.*, 1974.
Proceedings of Pacific Southwest Association of Chemistry teachers, 8 issues, 1958-1964.
- 37/2A *C&EN*, July 29, 1974, “1774 – 1974, 200 years since alchemy, Some thoughts on chemistry today, pp 19-38.
- 37/2B Other ACS publications.
- 37/2C “Logic, History, and the Chemistry Textbook” Parts I, II, and III, by William B. Jensen, *JChemEd.*, Vol. 75, No. 6, 7, 8, 1998. Copies
- 37/3 “Index to the History of Chemistry in *J. Chem. Ed.* – 1923-1990”
- 37/4 2002 – History of chromatography/timeline
- 37/5 “Procedures Manual Guidelines for Divisions of the ACS”, 1999
 (may want to put in Box 17, Administration)
- 37/6 The William B. Williams / Wyndham Miles Reprints in the History of Chemistry Collection, 2008.
 Anonymous. “Curious Epitaphs on a Chymist.”
 Anonymous. “An American Alchemist.”
 Archibald, Sybil. “The Making of Ink Gall and the Spirituality of Ink Making.”
 Condon, E. U. “A Half-Century of Quantum Physics.”
 Davis, T. L. “Toward a Liberal Education.”
 Duncan, A. “Laws of Chemical Affinity in the Late Eighteenth Century.”
 Duveen, D.I. & H.S. Klickstein. “Notes and Queries: Some Occupants of 52 rue d’Auteuil, Paris. Franklin-Rumford-Bonaparte.”
 Hoffleit, D. “A Famous Old telescope Goes to China.”
 Horne, R.A. “Atomistic Notions in Young Children and Young Cultures.”
 Nicholson, D. G. “The Alchemist in Art – Relation to Current Science.”
 Hubicki, W. “Chemistry and Alchemy in Sixteenth-Century Cracow.”
 Todhunter, E.N. “Biographical Notes from the History of Nutrition: Harvey
 Washington Wiley – October 18, 1844 – June 30, 1930.”

Non-ACS Publications

- 37/7 ? “Organic Chemistry in General”. Translation, Jacob Berzelius, *Lehrbuch der Chemie*, 1825-31, Vol. III, Part 1, 135-75.
 1974 “ –The History of Chemicals for Wrinkle Resistant Finishes”. American Cyanamid. American Association Textile Chemists and Colorists.

- 37/8 History of chemistry, various reprints:
 Henry M. Leicester, Lomonosov, Boyle, Lavoisier.
 Frank A. Forward (German) Biography, 1972.
 Friedrich A. Hengler (German), 1968.
 Fath, Habashi, "Karl Baye", 1973.
 H. Cassenbaum, "Neus Uber Die Entdeckung Des Sauerstoffes"
 O. Bertrand Ramsey (German) "Konformations Studien", 1973.
 "A Survey of Books on the History of Chemistry in the USSR" by Iu. I Solov'ev.
 (transl. from Russian)
 Mel Gorman "The Early History of the Electrochemistry of Silver Chloride", 1968.
 Mel Gorman "Stereochemical Concerns in Molecular System of Joseph Bayma", 1962
 Mel Gorman "The History of Acetone, 1600 – 1850".
 Als Maler "Wilhelm Ostwald" ((German), 1986.
- 37/9 1992 " –Yellow Magic – Story of Penicillin", Brooklyn Historical Society
- 37/10 2001 " –Fallout from the Linus Pauling Centennial Year", Derek Davenport
- 37/11 2004 " –Medicine, Science & Merck" by Vagelos and Galambos, Cambridge
 University Press
- 37/12 2006 " –Transforming the Alchemists", CHF reprint from *The New York Times*,
Science Times, 2006

Box 38

Bulletin for the History of Chemistry

(Contains correspondence as well as Bulletins for the History of Chemistry)

- 38/1 1985 – Editorship of Bulletin
- 38/2 1993 – Bulletin Memo of Agreement
- 38/2A - Forms, Model Release, Illustrations, Copyright Status
- 38/3 1993 - 1995 – Bulletin correspondence
- 38/4 1996 – 2007 – Bulletin correspondence, financials.
- 38/5 ? - Application for subscription to Bulletin
- 38/6 1999 - 2005 – Library subscriptions
- Bulletin* 1988 – 1993 – Volume 1 to Volume 13/14

Box 39

Bulletin 1994 – 2001 – Volume 15/16 to Volume 26

Box 40

Bulletin 2002 – 2008 – Volume 27 to Volume 33
 Remaining volumes in annual files, starting with 2009, Box 41

SERIES V: CORRESPONDENCE

Email Correspondence

Other Correspondence

**Starting with the year 2009, the HIST Archives are arranged by year.
Annual archives have not been integrated into the main Finder's Guide**

Box 41

HIST 2009

SERIES I: AWARDS

- 41/A Awards – Citation for Chemical Breakthrough Award, J. D. Roberts, K. B. Sharpless; nomination form.
- 41/1 Awards – Edelstein
- 41/2 Awards – HIST Award
- 41/3 Awards – Outstanding Paper Award: “Molecular” versus “Colloidal”: Controversies in Biology and Biochemistry, 1900-1940., by Ute Deichmann.

SERIES II: OUTREACH

- 41/4 International Year of Chemistry
- 41/5 Joseph Priestley House
- 41/6 237th National Meeting, Salt Lake City
- 41/7 238th National Meeting, Washington D.C.

SERIES III: ADMINISTRATION

- 41/8 HIST Archives
- 41/9 Bolton Society
- 41/10 Bylaws, HIST
- 41/11 Divisional Activities Committee
- 41/12 Elections, National
- 41/12A 238th National Meeting, Washington DC.,
Newsletter, Program and Abstracts.
Paper: *Austin M. Patterson: Words About Words and his Contributions to Nomenclature*, by John B. Sharkey. Donated by the author
- 41/13 Executive Committee
- 41/14 ACS fellows (Bohning, Heindel)
- 41/15 Grants, Innovative Project Proposal
- 41/16 National Historic Chemical Landmarks Committee
- 41/17 Obituaries (Debus, Stocker)
- 41/18 Annual Report – 2009
- 41/19 Secretary/Treasurer reports
- 41/20 Task Force – Senior Chemists

SERIES IV: PUBLICATIONS

- 41/21 AMBIX
- 41/22 2009 - Bulletin – Volume 34, #1, #2

Box 42

HIST 2010

SERIES I: AWARDS

- 42/1 Awards – Citation for Chemical Breakthrough
- 42/2 Awards – Edelstein
- 42/2A Awards – Outstanding Paper Award: “Feuding Rule makers: Aleksandr Mikhailovich Zaitsev (1841-1910) and Vladimir Vasil’evich Markovnikov (1838-1904,” by David E. Lewis.

SERIES II: OUTREACH

- 42/3 239th National Meeting, San Francisco, Newsletter, Program and Abstracts
- 42/4 239th National Meeting, New Orleans Regional Meeting, Stocker Symposium
- 42/5 240th National Meeting, Boston, Newsletter, Program and Abstracts

SERIES III: ADMINISTRATION

- 42/6 HIST Archives
- 42/7 HIST Bylaws
- 42/8 HIST Elections
- 42/9 239th National Meeting, Executive Committee
- 42/10 240th National Meeting, Executive Committee
- 42/11 Fellows of the ACS
- 42/12 National Inventors Hall of Fame
- 42/13 Program Chair Conference
- 42/14 Secretary/Treasurer files. Contains letter dropping HIST from ACS Investment Pool.
- 42/14A Plastics Symposium financials

SERIES IV: PUBLICATIONS

- 42/15 ACS Books
- 42/16 HIST Bulletin, correspondence
- 42/17 2010 – Bulletin – Volume 35, #1, #2

Box 43**HIST 2011****SERIES I: AWARDS**

- 43/1 Awards – Chronological listing of HIST awards from the web
- 43/2 Awards – Award Protocols
- 43/3 Awards – Citation for Chemical Breakthrough
- 43/4 Awards – Outstanding Paper Award

SERIES II: OUTREACH

- 43/5 Historic Sites
- 43/6 Membership brochure
- 43/7 241st National Meeting – Newsletter, Program, Abstracts
- 43/8 242nd National Meeting – Newsletter, Program, Abstracts
- 43/9 242nd National Meeting – symposium photos
- 43/10 242nd National Meeting – meetings co-sponsorship
- 43/11 Program Chair – associate
- 43/12 Publicity – C&EN
- 43/13 Meetings – other
- 43/14 Webpage, HIST – Facebook

SERIES III: ADMINISTRATION

- 43/15 Archives
- 43/16 Bylaws
- 43/17 Elections
- 43/18 Executive Committee, membership of; dues
- 43/19 241st National Meeting – Executive Committee
- 43/20 242nd National Meeting – Executive Committee
- 43/21 Fellows of the ACS
- 43/22 Historian of HIST
- 43/23 Obituaries - James J. Bohning
- 43/24 Chair's files
- 43/25A, B Secretary/Treasurer files; 2011 Annual Report
- 43/25C Bohning Fund donations
- 43/26 Program Chair, correspondence
- 43/27 Report Card, DAC

SERIES IV: PUBLICATIONS

- 43/28 Publications – non-ACS
- 43/28A Agreement for translation of text
- 43/29 2011 – Bulletin – Volume 36, #1, #2
- 43/30 Bulletin – correspondence

SERIES V: CORRESPONDENCE

- 43/31 Correspondence of HIST - general

Box 44

HIST 2012

SERIES I: AWARDS

- 44/1 Citation for Chemical Breakthrough Award - Pasteur
- 44/2 HIST Award

SERIES II: OUTREACH

- 44/3 National Meeting, San Diego CA, newsletter, program, abstracts
- 44/4 National Meeting, Phil. PA, newsletter, program, abstracts
- 44/5 National Meeting, Phil. PA, symposia, photos
- 44/6 National Meeting, Phil. PA, symposia, photos
- 44/7 National Meeting, Phil. PA, HIST/CHF dinner
- 44/8A Archeological symposium
- 44/8B Regional meetings
- 44/9 HIST joint meetings
- 44/10 Pacifichem 2015
- 44/11 Webpage, Facebook

SERIES III: ADMINISTRATION

- 44/12 Archives' report and finder's guide
- 44/13 Committees of the ACS
- 44/14 Divisional Activities Committee, innovative grants proposal
- 44/15 HIST elections
- 44/16 Executive Committee minutes, San Diego CA

- 44/17 Executive Committee minutes, Phil. PA
- 44/18 Fellows of the ACS
- 44/19 Forms, division user's guide
- 44/20 National Historic Chemical Landmarks Committee
- 44/21 Obituaries, James Bohning and Carl Moore
- 44/22 Obituaries and bibliography, James Bohning
- 44/23 Secretary/Treasurer files
- 44/24 Secretary/Treasurer files, HIST 2011 Annual Report
- 44/24A Bohning Fund donations

SERIES IV: PUBLICATIONS

- 44/25 ACS history reprints, Joseph Black
- 44/26 HIST Bulletin
- 44/27 Bulletin correspondence
- 44/28 Reprint *Righting Chemistry*, RSC, 2012

Box 45

HIST 2013

SERIES I: AWARDS

- 45/1 Certificate of Appreciation, Stellar Kent
- 45/2 Citation for Chemical Breakthrough Award – Paul Walden
- 45/2A *Bulletin* article on CCB Award, Pasteur (vol. 38, 1)
- 45/2B *Bulletin* article on CCB Awards, "First or Breakthrough?" (vol. 38, 1)
- 45/3 HIST Award; Description, Nomination, Past Recipients
- 45/4 Outstanding Paper Award; winners 1984 – 2013.

SERIES II: OUTREACH

- 45/5 History of Chemistry, Literature Primer
- 45/6 Historically Important Chemists
- 45/7 HIST Brochure
- 45/8 National ACS meetings, Recording/Streaming
- 45/9 Newsletter, Program, Abstracts; Spring Nat'l Meeting, New Orleans
- 45/10 Fall Nat'l Meeting, general emails.
- 45/11 Newsletter, program, Abstracts; Fall nat'l Meeting, Indianapolis
- 45/12 Program Chair, Symposia
- 45/13 HIST Newsletter, e-mails
- 45/14 Publicity, ACS playing cards
- 45/15 Regional Meetings, SERMACS 2013

SERIES III: ADMINISTRATION

- 45/16 HIST Archives
- 45/17 Chemical Heritage Foundation (includes article on Sidney Edelstein)
- 45/18 Executive Committee, Minutes, Spring National Meeting
- 45/19 Executive Committee, Minutes, Fall National Meeting
- 45/20 National Historic Landmarks Committee, Task Force
- 45/21 Secretary, 2012 Annual Report. Jan. 2013 DVD of all HIST files.

SERIES IV: PUBLICATIONS

- 45/22 C&EN article on drug descriptions found in ancient manuscripts
- 45/23 Non-ACS reprints; Dalton's Atomic Theory; Tracking Lost Elements.
Carl Djerassi, Symposium on Mass Spectrometry 2013 Nobel Prize.
- 45/24 *Bulletin for the History of Chemistry*
- 45/24A *Bulletin* article on CCB Award for Pasteur
- 45/24B *Bulletin* article on first paper vs. breakthrough paper.

SERIES V: CORRESPONDENCE

- 45/25 RSC publication "Righting History", 2013
- 45/26 Gneral Correspondence

Box 46

HIST 2014

SERIES I: AWARDS

- 46/A Citation for Chemical Breakthrough Award – N. Bartlett
- 46/1 Citation for Chemical Breakthrough Award – H. Fischer
- 46/2 Citation for Chemical Breakthrough Award – Michaelis and Menten
- 46/3 Citation for Chemical Breakthrough Award – Van Der Waals
- 46/4 Citation for Chemical Breakthrough Awards for 2014
- 46/5 Citation for Chemical Breakthrough Award – Hall Library Support
- 46/6 CCBA – Appreciation Award to Stellar Kent
- 46/7 HIST Award – announcement
- 46/8 HIST Award – Soddy, Glasgow
- 46/9 Outstanding Paper Award – Revised Guidelenes and 2013 Awardee

SERIES II: OUTREACH

- 46/10 HIST Programming
- 46/11 Newsletters, Programs and Abstracts – Spring 2014
- 46/12 Newsletters, Programs and Abstracts – Fall 2014
- 46/13 Joseph Priestley House
- 46/14 Publicity for HIST
- 46/15 HIST Web Site

SERIES III: ADMINISTRATION

- 46/16 Archives - 1965 HIST presentation by E. D. Billinger "From These Halls", Lehigh University Chemistry Department, 1941 – 1965.
- 46/17 HIST Elections
- 46/18 Executive Committee Minutes – Spring 2014
- 46/19 Executive Committee Minutes – Fall 2014
- 46/20 Innovative Grant Proposal – Woodward Video
- 46/21 HIST Historian – Duties
- 46/22 Obituaries – Herb Pratt
- 46/23 HIST Secretary – 2013 Annual Report

SERIES IV: PUBLICATIONS

- 46/24 ACS Books – Science History – A Traveler's Guide
- 46/25 Publications, non ACS – Chemistry and History
- 46/26 *Bulletin for the History of Chemistry*, Vol. 39 (1), (2)

Box 47**HIST 2015****SERIES I: AWARDS**

- 47/1 Citation for Chemical Breakthrough Award – Nominations, Correspondence
- 47/2 CCB Award – Proposed paper on ACS plaques in NYC
- 47/3 CCB Award - 2015 awardees – Acad des Sciences, E. Frankland, M. Curie, D. Crowfoot, H. Kroto
- 47/4 HIST Award – 2015 Awardee C. Meinel, award procedures

SERIES II: OUTREACH

- 47/5 Eminent Chemists Tapes
- 47/6 National Meeting, Newsletter Program and Abstracts, Spring 2015, Denver
- 47/7 National Meeting, Newsletter, Program and Abstracts, Fall 2015, Boston
- 47/8 National Meetings, themes for future symposia
- 47/9 HIST Symposia, correspondence
- 47/10 Web, Facebook

SERIES III: ADMINISTRATION

- 47/11A Chemical Heritage Foundation, Acquisitions Night
- 47/11 Archivist, Finder's Guide for HIST archives at CHF
- 47/12 Grants, Innovative Grant Proposal
- 47/13 HIST Historian, proposal for biographical sketches of past HIST officers
- 47/14 Obituaries, Carl Djerassi, *C&EN*
- 47/15 HIST Officers, 1920-2016, from HIST website
- 47/16 Secretary – 2014 HIST Annual Report
- 47/16 Secretary – HIST dues
- 47/18 Executive Committee, Minutes, Fall 2014
- 47/19 Executive Committee, Minutes, Spring 2015; Sect'y and Chair's reports
- 47/20 Executive Committee, Agenda, Fall 2015

SERIES IV: PUBLICATIONS

- 47/21 Article on chemical weapons in WWI, *C&EN*
- 47/22 Article (proposed) on ACS memorial plaques in NYC
Springer series, book on alcohol.
- 47/23 Bulletin for the History of Chemistry, Vol. 40(1), (2)

Box 48**HIST 2016****SERIES I: AWARDS**

- 48/1 Citation for Chemical Breakthrough (CCB) Award – Kroto et. al. (2015) Symposium at Fall 2016 National meeting.
- 48/2 CCB Award – Lavoisier (2015), 2016 symposium
- 48/3 CCB Award – Examples of past award ceremonies
- 48/4 CCB Award – Annual Report, 2015-2016
- 48/5 CCB Award – MRC Lab for Molecular Biology

- 48/6 CCB Award – Publicity (ACS Web, Wikipedia etc.)
- 48/7 Chemluminary Award to HIST (for the CCB Award Program)
- 48/8 HIST Award – Committee, procedures, past winners
- 48/9 HIST Award – Canvassing Committee
- 48/10 Awards – Past winners of Dexter, Edelstein and HIST awards (through 2016)
- 48/11 National Meetings – programming, future symposia
- 48/12 National Meetings – funding for symposia
- 48/13 National Meeting – Spring 2016 (San Diego), symposia
- 48/14 National Meeting – Fall 2016 (Philadelphia), symposia, including photos for Benfey Symposium
- 48/15 National Meeting – Newsletter, Program and Abstracts, Spring 2016
- 48/16 National Meeting – Newsletter, Program and Abstracts, Fall 2016
- 48/17 Publicity – recruitment of senior chemists for HIST
- 48/18 Publicity – HIST video
- 48/19 Publicity – HIST thumbnail sketch
- 48/20 Publicity – Chemists of Courage proposal

SERIES III: ADMINISTRATION

- 48/21 Archives – proposed donation from Organic Division
- 48/22 Copyright issues
- 48/23 Elections – results for terms starting in 2017
- 48/24 Executive Committee – Minutes, Fall 2015 (Boston)
- 48/25 Executive Committee – Agenda, Spring 2016 (San Diego)
- 48/26 Executive Committee – Agenda, Fall 2016 (Philadelphia)
- 48/27 Grants – IGP for preservation of film/video
- 48/28 Grants – IGP for women and Nobel Prize
- 48/29 History of HIST – 100th anniversary of HIST in 2020 (2027?)
- 48/30 National Historic Chemical Landmarks Program, coordination with the CCB Awards
- 48/31 Obituaries – Harry Kroto, Walter Kohn
- 48/32 Secretary's Annual Report – 2015

SERIES IV: PUBLICATIONS

- 48/33 Symposium series – *Igniting the Chemical Ring of Fire, Historical Evolution of the Chemical Communities of the Pacific Rim*, table of contents
- 48/34 Reprints on the history of chemistry, two papers by J. Seeman
- 48/35 *Bulletin for the History of Chemistry*, vol. 41 numbers 1 and 2, 2016, correspondence about the *Bulletin*
- 48/36 Correspondence, miscellaneous

Box 49

HIST 2017

SERIES I: AWARDS

- 49/1 Citation for Chemical Breakthrough Award – Watson and Crick (2006) and Sanger et al. (2016), additional files.
- 49/2 CCB Award – List of 2017 awards, nominations and publicity, and guidelines

- for the award.
- 49/3 CCB Award – Institute of the French Academy of Sciences.
 - 49/4 CCB Award – Correspondence of HIST with ACS.
 - 49/5 CCB Award – W.F. Libby
 - 49/6 CCB Award – *New York Times* article on Pasteur Symposium
 - 49/7 CCB Award and HIST Award – Notice to HIST members on 2016 CCB Awards nominations and 2017 HIST Award to Dr. Jeffrey Seeman.
 - 49/8 HIST Award, 2017 – Nominations, CVs, and past recipients (HIST Award Comm. Material).

SERIES II: OUTREACH

- 49/9 Program Chair, Seth Rasmussen leaving.
- 49/10 Workshop in Cuba cancelled.
- 49/11 HIST and related symposia – funding, scheduling
- 49/12 Newsletter, Program and Abstracts – Spring 2017
- 49/13 Newsletter, Program and Abstracts – Fall 2017

SERIES III: ADMINISTRATION

- 49/14 HIST Archives – memo from J. Seeman re internships
- 49/15 Divisional Activities Committee – new ACS Division proposed (Materials Chem)
- 49/16 Elections to other ACS Committees
- 49/17 Grants – Innovative Grants Proposals from HIST
- 49/18 Executive Committee – Minutes from Fall 2016 National Meeting
- 49/19 Executive Committee – Agenda and Minutes, Spring 2017 Meeting
- 49/20 Executive Committee – Agenda, Fall 2017 Meeting
- 49/21 Fellows of the ACS – HIST members
- 49/22 Leadership Institute of the ACS
- 49/23 National Historic Chemical Landmarks Program
- 49/24 HIST Rndowment (proposal)
- 49/25 Secretary – 2016 HIST Annual Report
- 49/26 Secretary – HIST dues

SERIES IV: PUBLICATIONS

- 49/27 Publications, ACS – article on women who should have won a Nobel Prize
- 49/28 Publications, non-ACS – comments
- 49/29 *Bulletin for the History of Chemistry*, Vol. 42 Numbers 1 and 2, 2017, and correspondence.
- 49/30 Strategic Plan, ACS - email

Box 50

HIST 2018

SERIES I: AWARDS

- 50/1 Certificate of Appreciation – Seth Rasmussen
- 50/2 Citation for Chemical Breakthrough Award – 2018, nominations and correspondence
- 50/3 CCB Award – Cambridge University (F.W. Aston)
- 50/4 CCB Award – Duquesne U. (Kealy and Pauson)

- 50/5 CCB Award – Humboldt Universitat (R. Fischer)
- 50/6 CCB Award – Merck Sharpe and Dohme (Herschmann)
- 50/7 CCB Award – U. Stuttgart (E. Huckel)
- 50/8 CCB Award – call for 2019 nominations
- 50/9 HIST Award, 2018 – David Lewis, award and nomination material
- 50/10 HIST Award – Nominations for 2019 award

SERIES II: OUTREACH

- 50/11 Chemistry Cartoons – Innovative Grant Proposal (IGP), Sidney Harris cartoonist
- 50/12 Chemistry Cartoons – IGP and correspondence
- 50/13 HIST Membership – cover letter, membership data on disk only
- 50/14 Symposia – Archeological Chemistry (2019)
- 50/15 Symposia – 100th Anniversary of IUPAC
- 50/16 Symposia – Pasteur (CCB Award Symposium)
- 50/17 Symposia – Pacificchem 2020
- 50/18 Symposia – 150th Anniversary of the Periodic Table
- 50/19 Symposia – Project SEED
- 50/20 Symposia – Co-sponsorship with HIST
- 50/21 Symposia – Funding request to translate a paper given at HIST
- 50/22 Newsletter, Program and Abstracts, Spring 2018, New Orleans
- 50/23 Newsletter, Program and Abstracts, Fall 2018, Boston
- 50/24 Regional Meetings – MARM 2018
- 50/25 Workshops – Workshop in Cuba (this was cancelled)
- 50/26 Webpage, HIST Archives, Finder's Guide

SERIES III: ADMINISTRATION

- 50/27 American Association of Chemistry Teachers (AACT), joint membership
- 50/28 Divisional Activities Committee (DAC) – updates, survey
- 50/29 Elections, HIST
- 50/30 Executive Committee – Minutes, Spring 2018, New Orleans
- 50/31 Executive Committee – Minutes, Fall 2018, Boston
- 50/32 Fellows of the ACS – Call for 2018 nominations
- 50/33 Grants – IGP for local section resources
- 50/34 Grants – IGP for Archeological Chemistry, Nuclear Chemistry History
- 50/35 HIST – 100th Anniversary, preparation for celebration
- 50/36 Secretary/Treasurer's Annual Report for 2017
- 50/37 Science History Institute – name change from Chemical History Foundation (CHF)
- 50/38 Strategic Planning - HIST

SERIES IV: PUBLICATIONS

- 50/39 Publications, ACS – preceptors in Chemistry (e book)
- 50/40 Publications, non-ACS – Article on Alchemy, *Washington Post*
- 50/41 *Bulletin for the History of Chemistry*, Vol. 43 #1, 2018
- 50/42 *Bulletin for the History of Chemistry*, Vol. 43 #2, 2018

Box 51

HIST 2019

SERIES I: AWARDS

- 51/A Northeastern Section Esselen Award, call for nominations.
- 51/1 Citation for Chemical Breakthrough Award – 2019, nominations and correspondence
- 51/2 CCB Award – Annual Report, 2018 and 2019, dated 03/19/19.
- 51/3 CCB Award – Henry Eyring (2018 Award?)
- 51/4 CCB Award – Lord Rayleigh and W. Ramsey (Royal Institution of G.B.)
- 51/5 CCB Award – Haber and Le Rossingol (Karlsruher Institute) (2018 Award?)
- 51/6 CCB Award – Chemical Abstract Service
- 51/7 CCB Award – Plaques and misc. correspondence. Includes 2018 Award presentation for Emil Fischer and list of 2018 Awards for website.
- 51/8 CCB Award – An Award that was declined (**restricted**)
- 51/9 HIST Award – HIST Award and Committee Procedures, Updated August 2016.
- 51/10 HIST Award – Nominations for the 2019 award. Announcement of O. Theodor Benfey as the winner of the 2019 HIST Award. HIST Award Banquet.
- 51/11 HIST Award – Nomination for the 2020 HIST Award.

SERIES II: OUTREACH

- 51/12 Chemistry Cartoons – (IGP), Harris Cartoons; original through 9th cartoon with correspondence.
- 51/13 Symposia – International Conference on the History of Chemistry
- 51/14 Symposia – Ted Benfey's HIST Award event
- 51/15 Symposia – 150th Anniversary of the Periodic Table
- 51/16 Symposia – Pacificchem 2020
- 51/17 HIST Membership – Emeritus membership and Division dues. Also National Meeting Registration.
- 51/18 Newsletter, Program and Abstracts, Spring 2019, Orlando
- 51/19 Newsletter, Program and Abstracts, Fall 2019, San Diego
- 51/20 Publicity for HIST

SERIES III: ADMINISTRATION

- 51/21 Executive Committee – Minutes, Spring 2018 Nat'l Meeting
- 51/22 Executive Committee – Minutes, Fall 2018 Nat'l Meeting
- 51/23 Executive Committee – Agenda and Minutes, Spring 2019 Nat'l Meeting
- 51/24 Executive Committee – Agenda, Fall 2019 Nat'l Meeting
- 51/25 Grants – IGP Final Report, Cartoons in Chemistry
- 51/26 Grants – IGP for Elemental Art

- 51/27 History of HIST – Idea for the 100th anniversary of HIST
- 51/28 Obituaries – Alfred R. Bader, *C&EN*, Feb. 11, 2019
- 51/29 Secretary Report – HIST Annual Report for 2018.

SERIES IV: PUBLICATIONS

- 51/30 Publications, ACS – short article on James Bohning and H. C. Bolton.

- 51/31 Publications, non-ACS – reference to the booklet: *A Guide to Archives and Manuscript Collections in the History of Chemistry and Chemical Technology*, compiled by George D. Tselos and Colleen Wickley, Center for the History of Chemistry, 1987.
- 51/32 Reference to the APA and AAS History Divisions and their monthly articles on history for their members.
Reference to history themed articles in *J. Chem. Ed.* (in favor of chemical education research).
Reference to Springer Briefs on the History of Chemistry.
- 51/33 *Bulletin for the History of Chemistry*, Vol. 44 #1, 2019
- 51/34 *Bulletin for the History of Chemistry*, Vol. 44 #2, 2019

Box 52

HIST 2020

SERIES I: AWARDS

- 52/A CCB Financial contribution from J. Seeman
- 52/01 Citation for Chemical Breakthrough Award (CCB) - 2020 Awardees
Wm. H. Perkin, Lord Rayleigh & W. Ramsay, H.G.J. Moseley, R.S. Mulliken
- 52/02 CCB Award - 2020 Annual Report
- 52/03 CCB Award - criteria, 2020 nomination form.
- 52/04 HIST Award - 2020 Awardee, Lawrence Principe
- 52/05 2021 HIST Award - nomination
- 52/06 Outstanding Paper Award, HIST Award -Procedures for each award

SERIES II: OUTREACH

- 52/07 Membership brochure, revisions, Diversity
- 52/08 Membership during COVID-19 pandemic
- 52/09 Newsletter, Program, Abstracts - Spring 2020 mtg. Philadelphia
- 52/10 Newsletter, program, Abstracts - Fall 2020 mtg. San Francisco
- 52/11 Symposia, Archeological chemistry HIST symposia, Listing
- 52/12 Symposia, HIST symposia 2021
- 52/13 Outreach Committee of HIST

SERIES III: ADMINISTRATION

- 52/14 DAC - Convergent Research Communities, Technical Divisions, Allocation
- 52/15 Grants - Innovative Grant Proposal for Commemorative issue of *Bulletin*
- 52/16 Elections, 2020
- 52/17 HIST Executive Committee mtg, 8/167/2020
- 52/18 HIST Executive Committee mtg., 3/22/2020
- 52/19 Obituaries - George Kauffman, Maurice Crosland
- 52/20 HIST Annual Report for 2019, financials
- 52/21 List of HIST symposia publications (ACS)

SERIES IV: PUBLICATIONS

- 52/22 ACS publications - “Pioneers of Magnetic Resonance”

- 52/23 Anniversary issue of the *Bulletin*
 52/24 *Bulletin*, Vol. 45, #1, 2020
 52/25 *Bulletin*, Vol. 45, #2, 2020
 52/26 Non ACS publication, John Wiley, Polymers, by Seth Rasmussen

SERIES V: CORRESPONDENCE

- 52/27 Commission for the History of Chemistry & Molecular Sciences

Box 53

HIST 2021

SERIES I: AWARDS

- 53/1 CCB Award - Update through 2020.
 53/2 CCB Award - Nomination form
 53/3 HIST Award - Symposium, L. Principe

SERIES II: OUTREACH

- 53/4 Membership - ideas for increasing membership.
 53/5 Workshop for chemical historians.
 53/6 HIST Symposia planned for 2021 - 2025.
 53/7 Presidential HIST symposium
 53/8 PACIFICHEM 2021
 53/9 Spring 2021 National Meeting, program, abstracts, newsletter.
 53/10 Fall 2021 National Meeting, program, abstracts, newsletter.
 53/11 Outreach, HIST statement to ACS candidates.

SERIES III: ADMINISTRATION

- 53/12 DAC, allocations
 53/13 HIST Officers
 53/14 Executive Committee Meeting, Minutes, Fall 2020
 53/15 Executive Committee Meeting, Minutes, Spring 2021
 53/16 Executive Committee Meeting, Agenda, Fall 2021
 53/17 Executive Committee, new members (M. Stefan and K. Konkol)
 53/18 Innovative Grant Proposals
 53/19 HIST 100th Anniversary, Senior Chemists Newsletter. Anniversaries for future symposia.
 53/20 HIST Strategic Planning
 53/21 Obituaries (Bulloff, Fullmer, Ihde, Miller).
 53/22 HIST 2020 Annual Report
 53/23 Science History Institute (SHI); Heritage Council meeting May 2021.

SERIES IV: PUBLICATIONS

- 53/24 *Bulletin*, possible joint publications of articles in other venues.
 53/25 *Bulletin*, Vol. 46, #1, 2021
 53/26 *Bulletin*, Vol. 46, #2, 2021

Box 54

HIST 2022

SERIES I: AWARDS

- 54/1 Certificate of Appreciation, Linda hall Library (2)
- 54/2 CCB Award - Scans of three award plaques for 2021.
- 54/3 CCB Award - Copy of original proposal for an award for E.O. Lawrence's patent and paper on the cyclotron. Award was never given in 2006.
- 54/4 Explanation of selecting the scientist rather than the institution.
- 54/5 CCB Award - 2022 Annual report on CCB Awards.
- 54/6 CCB Award - Nagoya University, Japan, correspondence.
- 54/7 CCB Award - Auguste Kekulé, *Bulletin de la Societe de Paris*, 1865
- 54/8 CCB Award - W. M. Latimer and W. H. Rodebush, *JACS*, 1920
- 54/9 CCB Award - R. L. Letsinger and V. Mahadevan, *JACS*, 1966.
- 54/10 CCB Award - J. A. Le Bel, *Bulletin de la Societe Chimique*, 1874.
- 54/11 CCB Award - Shirakawa, Louis, MacDiarmid, Chiang, and Seeger, *JACS Communications*, 1977.
- 54/12 CCB Award - Table of CCB Award winners for 2022; paper, journal, institution.
- 54/13

ard - Professor Marco Beretta, Univ. of Bologna. (2022 award)

- 54/15 Paul Jones Outstanding Paper Award - 2018 Award to Seth Rasmussen, Vol. 42, No. 1, 2017.
- 54/16 Paul Jones Outstanding Paper Award - 2018 Award to David E. Lewis, Vol. 44, No. 2, 2019.

SERIES II: OUTREACH

- 54/17 The ACS presidential Cachet Series, summary by John B. Sharkey.
- 54/18 Sci-Mix at Spring 2022 national meeting.
- 54/19 HIST symposia for Spring 2023.
Workshop on the History of Chemistry
- 54/20 Paper on St. Elmo Brady, Fall 2021 meeting.
- 54/21 Link to Spring 2022 Newsletter
- 54/22 Newsletter, Program, Abstracts, Spring 2022 national meeting.
- 54/23 Newsletter, Program, Abstracts, Fall 2022 national meeting.
- 54/24 Priestley 250th anniversary proposal.
Joseph Priestley Oxygen Quarter-Millennium Obligations, Opportunities, Actions and Expectations. Prepared by Roy A. Olofson.
- 54/25 ACS president comments on award of 2022 Nobel prize in Chemistry.
- 54/26 Regional meeting, NERM2022 and SW regional meeting funding request.
SERMACS 2022 regional meeting funding request.
Regional meeting, NERM 2023 funding request.
- 54/27 HIST Webpage.

SERIES III: ADMINISTRATION

- 54/28 Council of the ACS, Councilor Divisor for 2024-2027, three emails.

- 54/29 HIST 2022 Election
- 54/30 Executive Comm.Mtg., Spring 2022, agenda and reports.
- 54/31 Executive Comm. Mtg. Fall 2021, Agenda, Minutes.
- 54/32 Innovative Grant Proposal, Historical articles in *JACS*.
- 54/33 Obituary - Trevor Levere, 2022
- 54/34 HIST annual report, 2021, draft.

SERIES IV: PUBLICATIONS

- 54/35 ACS e-book, M.V. Orna HIST symposium.
- 54/36 Paper by Rudy Baum, "Taking the Earth's Temperature", *Substantia*, 2019.
- 54/37 The *Bulletin* and Hist membership ().
- 54/38 *Bulletin*, special issue, 100th anniversary of HIST.
- 54/30 *Bulletin*, Volume 47, Number 1, 2022.
- 54/31 *Bulletin*, Volume 47, Number 2, 2022.

ADDENDUM

SERIES III: SECRETARY/TREASURER FILES

Box

- 2009 - 2010 – Bulletin subscriber info and correspondence.
- 2011 – 2012 – Bulletin payments
- 2011 – 2012 – Bulletin production correspondence
- 1997 - 2006, 2010 – 2011 – Councilor travel reimbursemen
- 2006 – 2012 – Dues payments
- 2010 – 2012 – HIST archivist expenses
- 1995, 2004, 2008 – HIST elections

- 2011 – 2012 – Members, new
- 2008 – 2011 – Payments to the ACS
- 2010 – 2012 – Payments to symposium speakers

Revised 021123

John B. Sharkey

Archivist, ACS Division of the History of Chemistry

Bulletin for the History of Chemistry: Report from the Editor Spring 2023

Issue 48(1), in which many around this table have articles, is in layout, and it will be published shortly after the meeting. All of the articles are from Mary Virginia's HIST award symposium. It will come in at about 128 pages, and it has more illustrations than any issue I can remember editing.

The second 2023 issue is also fairly well along, with some articles for it already accepted and others in the pipeline. We will have no want of copy for 2023.

As you know, 2022 was a special year for the *Bulletin* with three issues assigned to that year (even if the third one was not actually published until January 2023). The centennial issue, for which much credit must go to Jeff Seeman, was the largest issue of the *Bulletin* ever published, but more importantly it included contributions from many distinguished historians of chemistry and chemist historians.

You will not be surprised to hear that my work on the *Bulletin* for the past few years has been largely on keeping production on track. With the third issue of over 100 pages in the past three years nearly out, I can turn more attention to other matters.

Finances

We have already begun to address finances and sustainability of the *Bulletin*, as it has become clear that dues no longer cover its costs. I have added data from the last 2022 issue to the spreadsheet distributed with this report. I have highlighted the last issues of 2021 and 2022 to point out some differences in cost because those two issues were the same size. Looking at the figures toward the bottom of the spreadsheet, we can see that domestic and international postage have both increased, and that international postage is more than 10 times domestic to mail a single issue. Printing costs per page have also increased. If one looks at the total cost of the issue, 47(3) cost nearly the same as 46(2) in total—but that is due to printing and mailing fewer issues. I believe that we distributed fewer issues because we lost members; I do not think we had yet implemented the action of not sending copies to members who opt to receive it online only. But that initiative will reduce the mailing list for 48(1) by less than 100. In short, we have not yet solved the funding issue sustainably.

Other Initiatives

Having an **advisory board** to think about finances, expanding readership, and other innovations I have not yet considered would be useful going forward. Among HIST members who have published in the *Bulletin* but who are not on the Executive Committee are Jessica Epstein at St. Peter's University and Howard Dewald at Ohio University. I have not met either, but have corresponded with them. There are people around this table who have extensive editorial experience and with whom I would be happy to work. Peter Morris and Peter Ramberg are also names that come to mind.

Obtaining digital object identifiers for *Bulletin* articles is a project of long standing that has been on the back burner for some time. I have maintained a database that will be required to get DOIs set up. It will require membership in the DOI consortium at a few hundred dollars per year. That is a project I believe I can move forward substantially this year.

The possibility of bringing out articles when ready is one I would like to explore, but of course that would require changes in the way we post content to the website and also in the schedule of layout, and therefore require extensive consultation with the people who do those tasks currently.

Last, but not least, I would like to nominate Agnes Soderbeck for a HIST Certificate of Appreciation. Agnes has been the layout/graphic artist for the *Bulletin* since 1996. She is Web Applications Developer at the University of Michigan chemistry department, which is where Paul Jones found her. I think that she was involved with all of the issues under Paul's editorship except the first one. By my count, the issue she is currently laying out is her 55th. So I propose a certificate reading something like "In grateful recognition of her role in laying out more than 50 issues of the *Bulletin for the History of Chemistry*: in arranging the words and graphics on the page and making them look great."

—Respectfully submitted
Carmen Giunta
23 March 2023

Historians Report 2023

Gary Patterson

1. The major activity for the past year in support of the Division of the History of Chemistry has been the organization and writing of the HIST History of HIST. The Following postings have been written:
 - A. In It's Blood: A Centennial History of the Division of the History of Chemistry
 - B. Chapter 2 American Historians of Chemistry in the Late 19th Century
 - C. Chapter 3 The Brothers Chandler and The American Chemist
 - D. Chapter 4 MIT and American History of Chemistry: F.J. Moore and Tenney Davis
 - E. Chapter 5 Edgar Fahs Smith (1854-1928): Father of HIST
 - F. Chapter 6 Charles Albert Browne (1870-1947): The Historian of the American Chemical Society
 - G. Historians of HIST: Frank B. Dains and Mary Elvira Weeks
 - H. Treasures from the HIST Archives
 - I. William Barry Jensen: Founder of the *Bulletin for the History of Chemistry*

2. Ongoing short biographies for the HIST Award and OPA.
 - a. Marco Beretta
 - b. Geoffrey and Marelene Rayner-Canham
 - c. David Lewis (OPA)

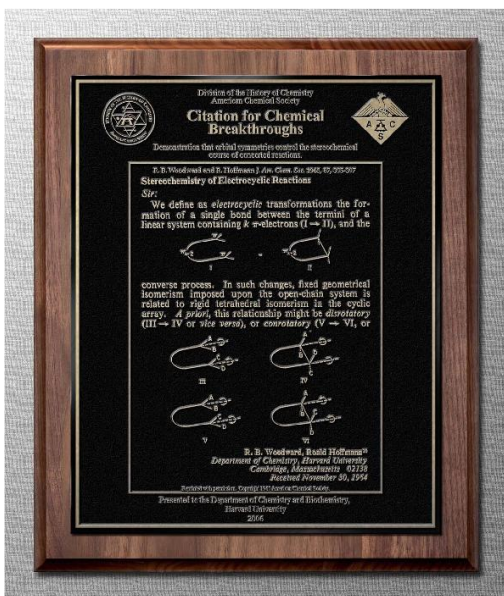
3. Promotion of HIST around the world. I am frequently asked to write papers or present talks that promote HIST. The most recent ones involve Fabric Science for the Italian Chemical Society. I also presented a talk for the Italians in Bologna for the Celebration of the purification of insulin on "The History of Chemistry in North America that led to the Nobel Prize for insulin." I am also representing HIST at the Indianapolis meeting with a PRES/CELL symposium on biorefining: "Historical Reflections on Biorefining."

4. I have been very active at the international level in zoom discussions of the history of chemistry. One notable group is the AD HOC group at Cambridge. I will be the featured speaker this month on my new paper on "Transdiction and the Crystallography of Rene-Just Haüy."

5. My major personal book project is currently: "Heat Flows from a Hot Body to a Cold Body: A History of Heat." 30,000 words so far and many more to come. Probably finishing in late 2023.

I. Overview

The Citations for Chemical Breakthrough award honors breakthrough publications, books and patents *worldwide* in the field of chemistry. The first awards were presented in 2006 and are given to the institution at which the breakthrough science was performed. The term “breakthrough” refers to advances in chemistry that have been revolutionary in concept, broad in scope, and long-term in impact. The award consists of a very high quality plaque (see example below) placed at a site selected by the recipient near the office or laboratory where the breakthrough was achieved. Awards are made to the department or institution where the breakthroughs occurred, not to the individual scientist(s).



The Woodward-Hoffmann (Conservation of Orbital Symmetry) plaque awarded to Harvard University in 2006.

II. Enhance international cooperation by serving as a focal point or information source for activities by ACS International Chapters, national chemical societies, educational institutions, industry, governmental, and non-governmental organizations.

Nearly 50 awards have been presented at institutions in 11 countries (Canada, England, France, Germany, Italy, Latvia, The Netherlands, Poland, Russia, Switzerland, and the United States).

Regarding “focal points for activities,” award ceremonies are typically held at the recipient institutions. Often, these ceremonies are part of a special symposium with plenary lecturers and a celebratory event. The Grignard celebration was coincidentally 100 years after Grignard’s receipt of the Nobel prize, and the Grignard family provided family heirlooms of Grignard and a small museum-like exhibition accompanied the symposium. HIST participates with the recipient institution in organizing and participating in the award programs.



The presentation of the CCB Award to the University of Lyon, France, for the Grignard reagent. Two of Victor Grignard's grandchildren (second and third gentlemen in the photograph) and many great grandchildren were present at the day-long award symposium.

Regarding “information source,” the award plaques incorporate portions of the first page of the awardee publication along with additional information about the importance of the publication to chemistry and to science.

III. Improve the understanding and appreciation of chemistry by the public.

The underlying motivation for the award program and the major consequence of the award program is to “Improve the understanding and appreciation of chemistry by the public.” The award ceremonies are open to the general public. But even more importantly, all plaques are displayed in public areas of the universities, not inside individual offices. Everyone walking down the hall or in the main lobby can see these plaques and appreciate the breakthrough contributions made in that very institution, being honored by the American Chemical Society.

IV. Promote the role of chemistry in contributing to solutions to global challenges.

It is generally accepted by the world's population that breakthroughs in chemistry contribute to solutions to global challenges (including those challenges often created by chemistry). Among the awardees are the Watson and Crick solution to the structure of DNA – the first step to all genetics research and health advances. The award to Paul Lauterbur's invention of MRI (magnetic resonance imaging) links chemistry to medical diagnostics. The award for Molina and Roland's discovery of ozone depletion by chlorofluorocarbons clearly shows the role of chemistry in contribution to solutions of global warming. These are just a few of the “promotions of the role of chemistry in contribution to solutions to global challenges” that are addressed by the CCB award program.

V. Build capacity by engaging young people with scientific disciplines, especially the scientific method of analysis developed by hypothesis, experiment, analysis, and conclusions.

As can be seen in this photograph that appeared in an Italian newspaper, young people get involved in the award program also. The Avogadro award was presented to the high school in Vercelli, Italy which is associated with Avogadro.

Pointing to great advances in chemistry immediately spark questions such as “What did that project achieve?” and “How did they do their research?” and “How did they figure that out?” and “What was the major finding?” These questions and the thought processes stimulated by them “build capacity by engaging young people . . .”



La targa esposta al Liceo scientifico Avogadro

VERCELLI. DALL'UNIVERSITÀ DI RICHMOND

Una targa dagli Usa per il Liceo Avogadro

Amedeo Avogadro, a distanza di due secoli dalla morte, dona ulteriore prestigio al liceo scientifico di Vercelli che porta il suo nome. L'American chemical society, la più importante associazione scientifica al mondo, ha assegnato all'istituto cittadino una targa celebrativa per la pubblicazione, avvenuta nel 1811, del celebre articolo con cui il chimico torinese ha posto fine alla confusione dell'epoca tra atomi e molecole. È un riconoscimento del Dipartimento di storia dell'università di Richmond con cui vengono onorati i contributi degli scienziati allo sviluppo

della chimica. Molte targhe di questo tipo sono già state esposte negli istituti in cui scienziati come Avogadro hanno formulato i loro contributi alla scienza moderna; ma è la prima volta che questo attestato viene assegnato ad una scuola. Proprio a Vercelli, dove ricopriva la cattedra di Filosofia positiva presso l'École Normale (il liceo dell'epoca), Amedeo Avogadro ha ideato la celebre formula che porta ancora oggi il suo nome. Per questo motivo Jeffrey Seeman, rappresentante dell'ateneo americano, ha deciso di conferire all'istituto vercellese questo importante riconoscimento. [R. MAG]