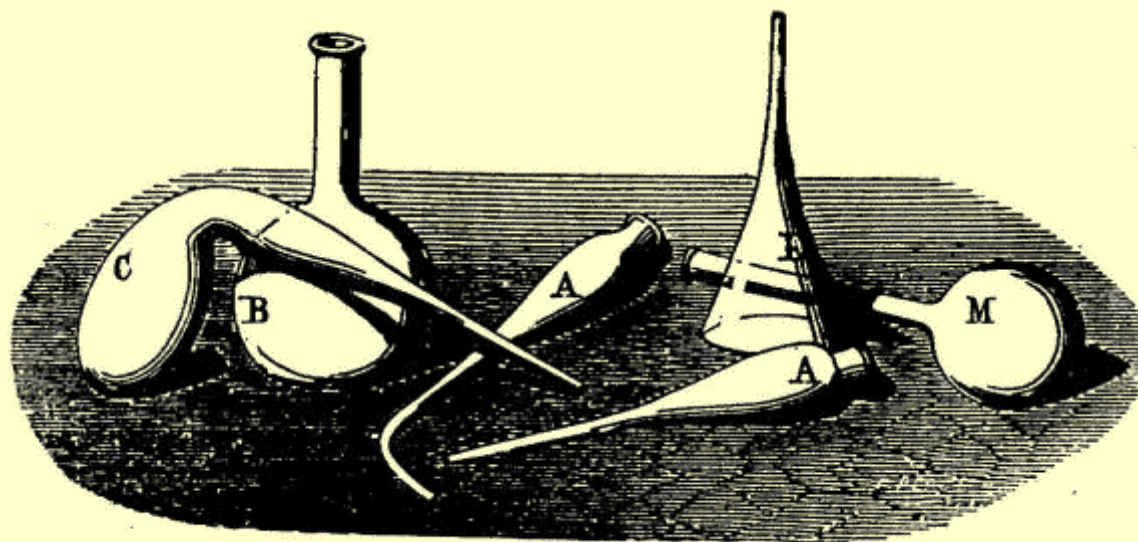




ACS
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American Chemical Society
**DIVISION OF THE
HISTORY OF CHEMISTRY**



NEWSLETTER

255th ACS National Meeting
New Orleans, LA
March 18-22, 2018

Nicolay V. Tsarevsky, Program Chair

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Mission Statement

The Division of the History of Chemistry ([HIST](#)) of the American Chemical Society (ACS) seeks to advance knowledge and appreciation of the history of the chemical sciences among chemists, students, historians of science, and the broader public by

- Encouraging research and scholarship in history of the chemical sciences;
- Providing a welcoming environment for the discussion of history of chemistry in a variety of venues, particularly in symposia at national ACS meetings;
- Serving as a resource for chemical scientists in general, and members of the ACS in particular, who seek to understand the roots of their discipline, sub-discipline, or interdisciplinary subject;
- Recognizing major achievements from the past in the chemical sciences and the individuals who made those achievements;
- Publishing a scholarly journal in history of chemistry;
- Interacting with other organizations interested in the history of science; and
- Adding value to the ACS by helping it achieve its vision and missions.

Division Governance

Message from the HIST Division Chair

As we enter 2018, HIST continues to support excellent work in the history of chemistry. At the Washington DC Fall meeting we had a half-day symposium celebrating the ACS Landmarks Program's 25th Anniversary. The Landmarks Program is a very popular outreach program for the ACS that originated in the HIST Division. HIST also put on a full-day symposium called "Ladies in Waiting for Nobel Prizes: Overlooked Accomplishments of Women Chemists," co-sponsored with PRES, PROF, and WCC that was written up in *C&EN*. The symposium ended with a dramatic presentation by the Oregon-based Portal Theater group of "No Belles," about women Nobel Prize winners and non-winners. The symposium was a follow-up to the previous Posthumous Nobel Prize symposium in San Diego and has also been approved for a symposium volume.



The New Orleans meeting is shaping up to be an outstanding one, with a two-day symposium organized by Mary Virginia Orna on "Food at the Crossroads: Water, Energy, Environment, Technology." It will be split into three parts, I. Food: Evolution and Trends; II. Food: Product of Energy and Technology; III Food: Dependent on Water. Support for this symposium is provided by an ACS Division Innovative Project Grant. In addition we will have a special symposium honoring the 2017 HIST Award winner, Jeffrey Seeman. Some of the speakers scheduled to present include Robert G. W. Anderson, Peter Goelitz, Dudley Herschbach, Roald Hoffmann, Maureen Rouhi, and Harriet Zuckerman. HIST is also co-sponsoring with YCC a symposium entitled "Molecules that Changed the World" where industrial speakers from Dow Chemical, Dow AgroSciences, Corning, and Honeywell have been invited to tell the stories of chemistries that resulted in changing the world in which we live. The intent of the symposium is to help younger chemists understand some of the recent history of their profession as a way to inspire them to go out and make a difference. HIST will also be present at more and more ACS regional meetings. We will be sponsoring a session at the 2018 Southwest Regional Meeting in Little Rock, Arkansas.

Unfortunately, due to recent travel restrictions, a planned special workshop organized by Jeff Seeman on the history of chemistry in Cuba and Latin America that was to be held in Havana in January 2018 did not take place. The workshop was supported by an ACS Division Innovative Project Grant.

There will be a conference at the Science History Institute (formerly the Chemical Heritage Foundation) in Philadelphia on October 29–30, 2018 on the diverse approaches of chemists, historians, and philosophers who

work across a variety of time periods and subject matters to the history of chemistry and the life sciences. I hope that many of you will be able to attend! And if you are planning ahead, the International Society for the Philosophy of Chemistry is meeting in Bristol, England, on July 16–18, 2018 and the 12th International Conference on the History of Chemistry will be held in August 2019 in Maastricht, Netherlands.

On the awards front, I am thrilled that the 2018 HIST Award winner has been selected and it is David Lewis, professor of chemistry at the University of Wisconsin-Eau Claire. David's work on the development of organic chemistry in pre-Soviet Russia is incredibly interesting, important, and prolific, and well-deserving of this award!

Thanks again for being a HIST member and we appreciate your support!

Ronald Brashear, HIST Chair

Report of Councilors, Division of the History of Chemistry 254th ACS National Meeting – Washington, DC, August 20-24, 2017

Actions of the Council

Election Results: Elected Committees of Council

By electronic ballot, the Council elected Karl S. Booksh, Mark D. Frishberg, Zaida C. Morales Martinez, and Linette M. Watkins for three-year terms (2018-2020), and Ella L. Davis for a one-year term (2018) on the Council Policy Committee (CPC).

By electronic ballot, the Council elected Michael Appell, Neil D. Jespersen, Mamie W. Moy, Eleanor D. Siebert, and Julianne M.D. Smist for three-year terms (2018-2020) on the Committee on Nominations and Elections (N&E).

By electronic ballot, the Council elected Mitchell R. M. Bruce, Jetty Duffy-Matzner, Martha G. Hollomon, Diane Krone, and Robert A. Pribush for three-year terms (2018-2020) on the Committee on Committees (ConC).

Other Council Actions

Amendments to the ACS Bylaws

A recommendation by the Committee on Membership Affairs that Council approve the Petition on International Chemical Sciences Chapters narrowly failed to achieve the two-thirds majority required to amend the Bylaws. The proposal would have amended Bylaw IX, Section 4, to permit financial support for International Chemical Sciences Chapters and to remove language from the Bylaws prohibiting Chapters from having representation on Council.

Probationary Division of Space Chemistry

The Council defeated a proposal from the Committee on Divisional Activities that it establish a probationary Division of Space Chemistry, effective January 1, 2018.

Change in Local Section Territory

On the recommendation of the Committee on Local Section Activities, the Council approved a petition from the South Jersey Local Section to annex the unassigned and adjacent territory of Ocean County, New Jersey.

Resolutions

The Council passed resolutions in memory of deceased Councilors; acknowledging President Allison A. Campbell's service as presiding officer of the Council; and in gratitude for the officers and members of the Chemical Society of Washington, the host Section for the 254th National Meeting, the divisional program chairs and symposium organizers, and ACS staff.

Highlights from Committee Reports

Nominations and Elections

The Committee on Nominations and Elections solicits Councilors' input of qualified individuals for President-Elect and/or Directors for future consideration. Suggestions may be sent to nomelect@acs.org. Ballots for the 2017 fall national election will be distributed on September 29, with a voting deadline four weeks later, on October 27. In a change of procedures, all members with an email address on file and eligible to vote will receive an electronic ballot with the option to request a paper ballot. Those members with no email address on file will be sent a paper ballot with the option to still vote electronically. The ACS election vendor, Survey & Ballot Systems, will send three email reminders during the voting period to those who have not voted as of the reminder date.

Budget and Finance

The Society's 2017 Probable 1 Projection calls for a Net from Operations of \$25.3 million. This is \$2.1 million favorable to the Approved Budget and \$1.6 million higher than 2016. Total revenues are projected to be \$553.0 million, which is \$2.4 million unfavorable to the budget, but 5.0% higher than the prior year. Total expenses are projected at \$527.6 million, which is \$4.5 million favorable to the budget, and 4.9% higher than 2016.

The Committee considered several program funding requests for 2018, and on its recommendations, the Board subsequently approved funding for the ACS Online Course in Laboratory Safety and the New Faculty Workshop Series for inclusion in the 2018 Proposed Budget and the 2019-2020 Forecast. Additional information can be found at www.acs.org, at the bottom of the page, click 'About ACS', then 'Financial'. There you will find several years of the Society's audited financial statements and IRS 990 filings.

Washington Meeting Attendance

The theme of the 254th ACS National Meeting was "Chemistry's Impact on the Global Economy." As of Tuesday evening, August 22, attendance was:

Attendees	7,938
Students	2,997
Exhibitors	1,068
Expo only	475
Guest	426
Total	12,904

Petitions to Amend the Constitution and Bylaws

New petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than November 29, 2017 to be included in the Council agenda for consideration at the spring 2018 meeting in New Orleans. Contact the Committee on Constitution and Bylaws with any questions or requests for information at bylaws@acs.org

HIST Councilors

Mary Virginia Orna is serving her first term as a member of the Divisional Activities Committee (DAC) and the Division Enhancement and Outreach Subcommittee. She was able to report on several changes that will take place in areas of DAC oversight, particularly with respect to the criteria and management of the Innovative Grants Program. She also reported on ACS imminent changes to the website and ACS branding unification.

Roger Egolf is serving his first term as an associate on the Meetings and Expositions Committee and its Technical (Programming) Subcommittee.

Report prepared by Mary Virginia Orna and Roger Egolf, Councilors

David Lewis to Receive 2018 HIST Award

The History of Chemistry Division of the American Chemical Society is pleased to announce that David Lewis of the University of Wisconsin-Eau Claire of the 2018 HIST Award for Outstanding Achievement in the History of Chemistry. This international award has been granted since 1956 under sequential sponsorships by the Dexter Chemical Company, the Edelstein Foundation, the Chemical Heritage Foundation, and the History of Chemistry Division. The event includes presentation of a monetary prize and a plaque, a symposium honoring the work of Dr. Lewis, and a lecture by the awardee; it will take place at the American Chemical Society's Fall 2018 meeting in Boston.

David Lewis (known to his friends and colleagues also as Дэвид Эдуинович Льюис) was born far from the bright lights in the South Australian town of Tailem Bend. Eventually he graduated from Salisbury High School in a suburb of Adelaide as Head Prefect, and moved on to the University of Adelaide, where he graduated with Honors in Organic Chemistry in 1973. He continued with graduate research in natural products until he was beckoned to the United States and the state of Arkansas in 1977. And he lived happily ever after.

Professor Lewis earned tenure and the rank of Associate at Baylor University in 1988, but moved on to South Dakota State University, where he became a Full Professor in 1993. He was called to The University of Wisconsin-Eau Claire in 1997 as Chair of the Chemistry Department, where he continues a very active program in synthetic organic chemistry.



Head Prefects don't always stick to the main road, and David gained an interest in the history of organic chemistry. He also joined the Division of the History of Chemistry and started publishing in the *Bulletin for the History of Chemistry* (now 15 papers, including two Best Paper Awards in 1997 and 2010). He served as the Chair of the Division from 2003-2005.

The area of interest for Professor Lewis has been organic chemistry in Russia, especially at Kazan Chemistry School. Not only has he become the leading scholar in this area, he is recognized by the Russians as the author of "a wonderful series of works devoted to the history of Russian chemistry." His collected works were published in Russian in 2016. He has been invited several times to give major lectures at Kazan (in Russian). His 2012 book, *Early Russian Organic Chemists and their Legacy* has been hailed as the most important contribution to this previously understudied area.

David Lewis has been one of the most frequent speakers at American Chemical Society meetings in the Division of Chemistry over the last 25 years, and has contributed to many notable symposia (especially *Characters in Chemistry*). His work was recognized in 2012 with a DSc. Degree from the University of Adelaide, and he was elected a Fellow of the Royal Society of Chemistry in 2015.

David Lewis's achievements will be celebrated by HIST during the Fall 2018 ACS meeting in Boston, where a special symposium will be held in his honor, followed by the traditional HIST award dinner.

Chemical Heritage Foundation is now Science History Institute

February 1, 2018

The 35-year-old organization will celebrate a new name at its Philadelphia headquarters this evening.

The Chemical Heritage Foundation (CHF) has changed its name to the Science History Institute. This change follows the 2015 merger with the Life Sciences Foundation (LSF), an organization that focused on the history of the life sciences and biotechnology. The new organization focuses on the history of chemistry, chemical engineering, and the life sciences.

At the end of 2015 the boards of CHF and the San Francisco-based LSF approved a merger of the two organizations. Meetings between CHF and LSF revealed plans and ambitions that were remarkably similar. Rather than continue on parallel paths, leadership on both sides decided to bring the two organizations together. However, the name Chemical Heritage Foundation didn't fit the new focus of chemistry, chemical engineering, and the life sciences. The new name, Science History Institute, describes what the organization does today (studies the history of the chemical and molecular sciences and accompanying engineering fields) and leaves room to explore emerging fields as they develop.

The Science History Institute's president and CEO, Robert G. W. Anderson, the former head of the British Museum, said, "This is a thrilling moment in the history of our organization. Our collections and our interests are broadening, and the new name will be very useful to us in the future."

The Institute will celebrate this milestone in its history with a celebration tonight at its headquarters in Old City Philadelphia, which leaders in the cultural, political, scientific, and academic sectors are scheduled to attend. The program portion of the evening will be emceed by Maiken Scott, the host and creative director of WHYY's weekly health and science show /The Pulse/.

Along with the new name, the Institute is debuting its new digital collections website <https://digital.sciencehistory.org/> featuring more than 5,000 items, including books, photographs, museum objects, letters, and advertisements. The site, which is available on the Institute's new website, [sciencehistory.org](https://www.sciencehistory.org) <https://www.sciencehistory.org/home>, is composed of highlights from the Institute's museum, library, and archival collections.

More than 1,000 of these images, primarily of rare books and museum objects, are being released as public domain, free of copyright, and may be used without requesting permission. "Users will see culturally and intellectually significant items related to the history of science from the Roman Empire through the 21st century," said Michelle DiMeo, the Science History Institute's director of digital library initiatives. "For the first time ever, select items from our museum, library, and archival collections appear together in one database, so one could view a pH meter instruction manual held in our archives alongside the actual pH meter object in our museum."

About the Science History Institute

Formed by the merger of the Chemical Heritage Foundation and the Life Sciences Foundation, the Science History Institute collects and shares the stories of innovators and of discoveries that shape our lives. We preserve and interpret the history of chemistry, chemical engineering, and the life sciences. Headquartered in Philadelphia, with offices in California and Europe, the Institute houses an archive and a library for historians and researchers, a fellowship program for visiting scholars from around the globe, a community of researchers who examine historical and contemporary issues, an acclaimed museum that is free and open to the public, and a state-of-the-art conference center.

A Note about the HIST Archives from the Archivist

Since about 2005, the HIST Archives have been housed at the Chemical Heritage Foundation (the Science History Institute as of February 1, 2018) in Philadelphia.

As Archivist for HIST, I am responsible for keeping the archives up to date, and for preparing a Finder's Guide for researchers. The archives contain 49 Hollinger boxes of archived material dating back to the 1960s. The material includes all awards that have been sponsored by HIST, programs and abstracts of national meetings, newsletters, official Board Minutes, HIST Bulletins and much more. What there is very little

of in the archives are copies of papers presented at HIST, and photographs. As space is limited at CHF, we cannot accept all material related to HIST. But as you decide to downsize, please consider sending copies of the papers that you have given, and photographs from your career as a chemist or other famous chemists (with detailed captions please). Please know that any material

donated will find an environmentally safe home at CHF, and be available to future researchers.

I can be contacted by email (johnbsharkey@me.com) or mail (John B. Sharkey, 1559 Grouse Lane, Mountainside NJ 07092).

BULLETIN FOR THE HISTORY OF CHEMISTRY

A publication of the Division of the History of Chemistry of the American Chemical Society

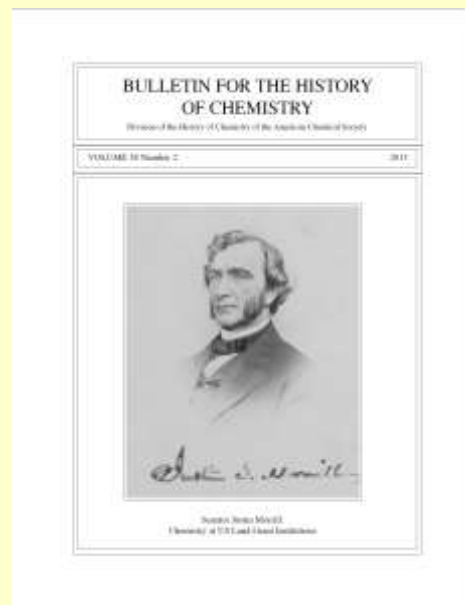
Available online: <http://www.scs.illinois.edu/~mainzv/HIST/bulletin/index.php>

PAPER SUBMISSIONS: Articles of 4-20 pages, double-spaced (excluding references) should be submitted electronically by email attachment to the Editor, Carmen Giunta, at giunta@lemoyne.edu. The title of the article should be of reasonable length (up to 15 words); a subtitle may be included if appropriate. Authors should strive to make the title descriptive of the specific scope and content of the paper. Preferred file formats for submissions are .doc, .docx, and .rtf.

Full instructions for authors can be found at <http://www.scs.illinois.edu/~mainzv/HIST/info/bull-info.php> or in the back cover of all issues of the *Bulletin*.

All matters relating to manuscripts, etc. should be sent to:

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HIST Programming

Message from the HIST Program Chair

I am delighted to start the newest journey of my professional life as the Program Chair of what is certainly the most interdisciplinary division of the ACS - HIST. The previous program chair (who stayed in that position for a whole decade!), Seth Rasmussen, has been a great and patient mentor to me over the past several years, and continues to be a gold mine of information and advise, and I am very grateful for all his help. Knowing that he is and will continue to be around makes this adventure much less unnerving. I very much look forward to serving the Division and you – the current and future HIST members. I hope we can all work together and exchange ideas about forthcoming programming (and more), so that HIST will feel like home to an increasing number of curious individuals eager to learn about the origins, transformation, and growth of ideas and methods of chemistry as well as the lives of the individuals who made them possible. Our program during the NOLA meeting is rather rich and diverse (as expected). In harmony with the main topic of the ACS Meeting, “Nexus of Food, Energy, and Water”, Mary Virginia Orna and Alvin Bopp organized a day-and-a-half (Sunday afternoon and all day Monday) symposium on “Food at the Crossroads: Chemistry's Role in Sustainability, Past & Present”. It is hard to imagine a more suitable place than New Orleans where one can learn about the various aspects (including history, of course) of food! Another great highlight is the HIST Award Symposium honoring the achievements of Jeffrey I. Seeman, which is organized by Joe Gal, and will take place on Tuesday. In addition, we will offer two sessions (on Sunday morning and Wednesday morning) of general papers that will cover a wide range of topics. I am sure everyone can find something exciting and appealing in our symposia and I invite you to spread the word about them. Your friends and colleagues will very likely thank you for that! Enjoy the meeting and we hope to see you in Boston in the fall.

Nick Tsarevsky, HIST Program Chair



HIST SYMPOSIA, 255th ACS Meeting in New Orleans, LA, March 18-22, 2018

Schedules and abstracts are listed at the end of this Newsletter.

HIST Award Banquet

As part of its activities at the 255th ACS National Meeting in New Orleans, the History of Chemistry Division of the American Chemical Society is pleased to host the 2017 HIST Award Banquet. To be honored at the banquet will be Dr. Jeffrey I. Seeman of the University of Richmond, winner of the 2017 HIST Award. The Banquet will be held at Pigeon and Prince ([129 Camp Street](#)) on Tuesday, March 20. It will start at 6:30 PM and will feature hearts of romaine salad with fresh Parmesan-Reggiano, garlic paprika croutons, and creamy garlic dressing to be followed by a choice of roasted leg of lamb with wild mushrooms, grilled eggplant caponata and parmesan truffle sauce or garlic roasted local half chicken with faro risotto and grilled rapini, as well as and a cash bar. **Tickets are \$50 and can be purchased from Vera Mainz, HIST Secretary-Treasurer. Please specify your choice of entrée.** (Tickets cover the full cost of the meal, with the exception of beverages). You can pay Vera via check or cash (exact amount preferred) at the banquet or when you see her. If you do plan to attend, please RSVP by March 15th via

email (mainz@illinois.edu). The Pigeon and Prince is located approximately 0.5 mile (10-minute walk) from the Hilton New Orleans Riverside Hotel (where the HIST symposia will be held).

UPCOMING MEETINGS AND HIST DEADLINES

Subject to change. Check the HIST website (<http://www.scs.illinois.edu/~mainzv/HIST/>) for updates.

256th ACS Meeting, Boston, MA, August 19-23, 2018

Abstract submission deadline: March 26, 2018 (<https://callforpapers.acs.org/boston2018/HIST>)

HIST Tutorial and General Papers. (**Seeking contributors**) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: (214) 768-3259, email: nvt@smu.edu

Louis Pasteur's Discovery of Molecular Chirality: Review and Analysis on the 170th Anniversary. (Invited papers) Gregory S. Girolami, Department of Chemistry, University of Illinois at Urbana-Champaign, Urbana, IL 61801, Phone: (217) 333-2729, email ggirolam@uiuc.edu and Joseph Gal, University of Colorado Denver, email: joe.gal@ucdenver.edu

Past ACS Presidents: The Life and Career of Arthur Cope. (**Invited and contributed papers**) Roger Egolf, Pennsylvania State University - Lehigh Valley Campus, Center Valley, PA 18034, Phone: (610) 285-5110, Email: rae4@psu.edu and Jan Hayes, Email: janan.hayes@gmail.com

HIST Award Symposium Honoring David Lewis. (Invited papers) Seth C. Rasmussen, Department of Chemistry and Biochemistry, North Dakota State University, Fargo, ND 58108, Phone: (701) 231-8747, Email: seth.rasmussen@ndsu.edu

257th ACS Meeting, Orlando, FL, March 31-April 4, 2019

HIST Tutorial and General Papers. (**Seeking contributors**) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: (214) 768-3259, email: nvt@smu.edu

Archaeological Chemistry: Art and Archaeology in the Ancient and Medieval World. (Invited and **Seeking contributors**) Seth C. Rasmussen, Department of Chemistry and Biochemistry, North Dakota State University, NDSU Dept. 2735, P.O. Box 6050, Fargo, ND 58108-6050, Phone: (701) 231-8747, email: seth.rasmussen@ndsu.edu; Mary Virginia Orna, Department of Chemistry, College of New Rochelle, New Rochelle, NY 10805, Phone: (914) 310-0351, email: maryvirginiaorna@gmail.com

258th ACS Meeting, San Diego, CA, August 25-29, 2019

HIST Tutorial and General Papers. (**Seeking contributors**) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: (214) 768-3259, email: nvt@smu.edu