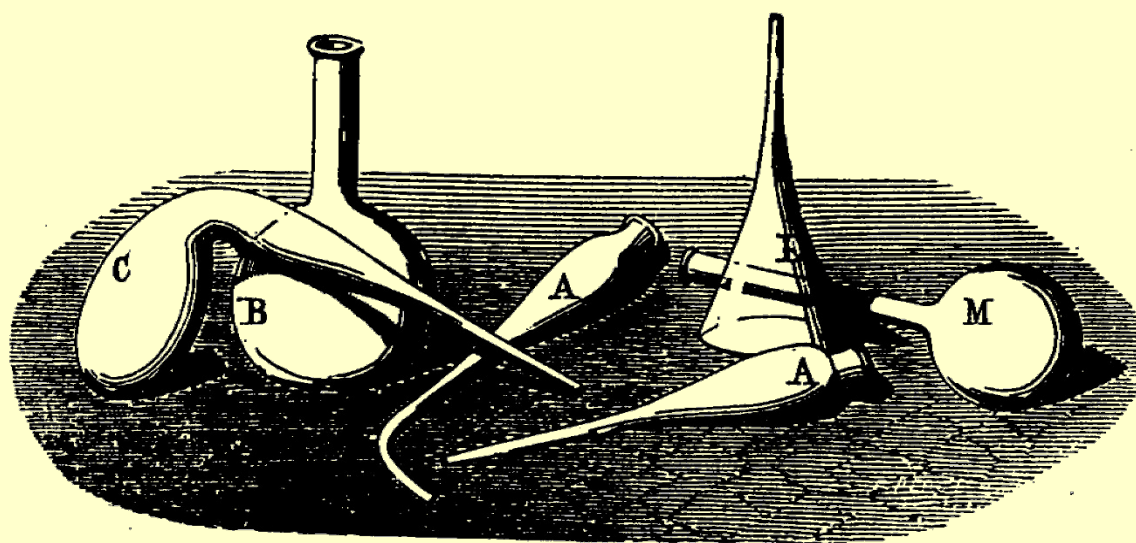




ACS
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American Chemical Society
**DIVISION OF THE
HISTORY OF CHEMISTRY**



NEWSLETTER

Spring 2023 ACS National Meeting
Indianapolis, IN (Hybrid)
March 26-30, 2023

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.

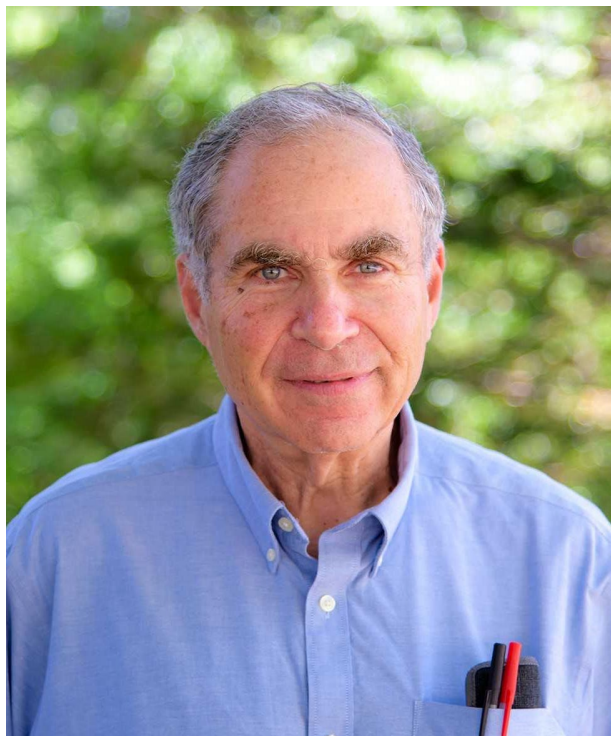
Division Governance

Message from the HIST Division Chair

It is an honor to succeed Seth Rasmussen as Chair of the History of Chemistry Division. Among Seth's accomplishments was obtaining an ACS Innovative Projects Grant (IPG) for the "Workshop in Traditional Research Methods in History" which will be offered during the Spring 2023 National Meeting in Indianapolis. The timing is particularly fortuitous in that it occurs shortly after the publication of the six-volume series *A Cultural History of Chemistry*, co-edited by Peter J.T. Morris and Alan Rocke, reviewed in issue Number 3 (2022) of the *Bulletin for the History of Chemistry*. Seth also worked with the publishers of the journal *Substantia* to create a HIST Outstanding Paper Award (OPA), similar in principle to the *Bulletin's* Paul R. Jones OPA.

Here is a reminder that March 1 is the deadline for receiving nominations for the Citations for Chemical Breakthroughs Award. These are fun to research and submit. Information is found on the HIST Website. Congratulations To Geoffrey and Marlene Rayner-Canham for achieving the 2023 Joseph B. Lambert HIST Award as well as to Seth Rasmussen, Dave Lewis and Bill Streifer for receiving the 2018, 2019 and 2020 Paul R. Jones Bulletin OPAs respectively. The next award considers papers published in the *Bulletin* during 2021, 2022, and 2023.

I am a physical organic chemist with specializations in strained organic molecules and airborne carcinogens. I became professor emeritus, University of New Hampshire, in May 2021. I came to my interest in chemistry by pathways not so unusual when compared with those of other formally trained chemists.



Typically, there is enough material to be learned and practiced in our undergraduate and graduate education as to leave seemingly no space for learning the history of chemistry. Two converging pathways led me to learn more. In spring, 1971, I taught the Chemistry for Non-Science Majors nobody else wanted to teach and first learned of and taught the impact Lavoisier's 1789 *Traité Élémentaire de Chimie*, the title rolling from my mouth and (presumably) impressing the students. The second was my enjoyment of being a bibliophile and learning history of chemistry through acquisition and reading. It is fair to say that for many, if not most, students the key take-home from inclusion of history of chemistry in the lecture hall boils down to: "Will this be on the exam?" Still, well-chosen, well-presented stories can interest even resistant students. There is great utility in understanding "how were these discoveries made in, say, the eighteenth century?" Moreover, as our younger chemists mature in their chosen work, many begin to contemplate the nature and history of our discipline. I have been most fortunate in serving on the ACS Historical Chemical Landmarks sub-committee for almost two decades, where I have learned much from chemist-historians and true historians of chemistry.

Over the next one year plus, HIST will embark upon formulating its first Strategic Plan since 2008. Organizations such as ACS do love strategic planning exercises and are happy to participate, indeed help guide them. Happily, our division has been well led for many years and has a superb, highly motivated Executive Committee and, uniquely, our own journal, the *Bulletin*. Since you are reading this Message, you are probably aware of the excellence of the website. Nonetheless, there are very significant issues that we face in 2023 and beyond. The ACS has modified categories of its membership and this offers opportunities as well as pitfalls. We need to diversify our membership, both recruiting under-represented groups and younger members, even as we encourage retired ACS members and those nearing retirement to join our community. Other activities will be partnering with other ACS divisions and increasing international partnerships. These are not new aspirations and activities. Hopefully, *implementation* of the Strategic Plan will be the active outcome of the plan itself.

Finally, we encourage active participation in all our activities by members of HIST in addition to help in recruiting new members. We have excellent leadership on the HIST Executive Committee, but we are also very motivated to recruit new EC members, experienced ACS members with creative ideas as well as members having youthful perspectives. One pathway to leadership is to propose and run a symposium. While HIST has been successful in garnering submitted papers, we must continue to encourage new proposals for symposia – half-day or full-day. The Division is supportive and will provide some funding, the work involved is not onerous, and new symposium chairs will bring in new ideas. These will be most welcome.

We all hope to see you in Indianapolis. Stay healthy.

Arthur Greenberg, HIST Chair

Report of Councilors, Division of the History of Chemistry Fall 2022 ACS National Meeting – Hybrid Council Meeting (August 24, 2022)

Actions of the Council

1. Elections Results – Elected Committees of the Council (CPC)

Council Policy Committee

By electronic ballot, the Council elected **Raychelle Burks**, **Anne M. Gaffney**, **Will E. Lynch**, and **Frankie K. Wood-Black** for a three-year term (2023-2025) on the Council Policy Committee (CPC). **Lydia E.M. Hines** was elected to serve through 2023.

Committee on Committees (ConC)

By electronic ballot, the Council elected **William F. Carroll, Jr., Ella L. Davis, Carmen Gauthier, Thomas H. Lane, and Jason E. Ritchie** for a three-year term (2023-2025) on the Committee on Committees (ConC).

Committee on Nominations and Elections

By electronic ballot, the Council elected **Michelle V. Buchanan, Alan B. Cooper, Kelly M. Elkins, Ellene Tratras Contis, and Kathryn E. Uhrich** for a three-year term (2023-2025) on the Committee on Nominations and Elections (N&E).

2. Other Council Actions

Highlights from Committee Reports and Key Actions

- The Vice Chair of the Council Policy Committee (CPC) reported that both Council meetings in 2023 will be held in a hybrid manner, very similar to what Councilors experienced in Chicago. Councilors celebrating milestone anniversaries were acknowledged and thanked for their years of service on Council.
- The Chair of the Committee on Committees (ConC) recognized those chairs rolling off various committees and thanked them for their service. Newly appointed chairs of committees that report to Council were announced to all Councilors and Councilors were reminded of the new online committee preference form that was open over the summer to solicit names of individuals interested in serving on ACS Society Committees.
- On the recommendation of the Committee on Committees, and with the concurrence of the Council Policy Committee, Council approved the continuation of the Committee on Public Relations and Communications (CPRC).
- 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 Amend the Elections Function. This action helps to clarify, consolidate and re-order existing requirements related to nominations and elections.
- On the recommendation of the Committee on Divisional Activities (DAC), and with the concurrence of the Council Policy Committee, Council approved the Petition to Amend the Duties of the Committee on Divisional Activities, providing greater authority to step in and assist Divisions who have inactive Executive Committees.
- On the recommendation of the Committee on Local Section Activities (LSAC), and with the concurrence of the Council Policy Committee, Council approved the Petition for a change in Section Name from the Northeast Tennessee Section to the Tennessee-Virginia Highlands Local Section.
- On the recommendation of the Committee on Membership Affairs (MAC), and with the concurrence of the Council Policy Committee, Council approved the Petition to Amend the Application and Dues Process for Corporation Associates, allowing Corporation Associates to set fees based on a sales revenue model.

Council Special Discussion

President Wilson introduced and led a special discussion on “ACS for the Future.” She sought Councilor input on positive initiatives, programs or events that would greatly benefit ACS members or ACS at large.

Three specific questions were posed to Councilors for their input and suggestions:

- What can be accomplished to enhance the ACS experience?
- Why (or how) do you think it would make a difference?
- Who would be tasked with leading this effort (e.g. a section, committee, division, or other)?

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

3. Resolutions

The Council passed several resolutions:

- In memory of deceased Councilors: N. Bhushan Mandava, Carol Mosher, and Paul V. Smith
- Congratulating Thomas Connelly for his leadership as Chief Executive Officer of the American Chemical Society for the past eight years
- Expressing thanks to the officers and members of the Chicago Local Section as well as to the divisional program chairs and symposium organizers responsible for the outstanding technical sessions
- Acknowledging Angela Wilson's service as ACS President and presiding officer of Council

The fall 2022 meeting was held in a hybrid manner from August 21-25. As of August 24, there were 11,619 registrations (9,355 in-person and 2,264 virtual).

HIST Councilors

Mary Virginia Orna is serving as an associate member of the Senior Chemists Committee (SCC). She is on the SCC/YCC Networking Subcommittee and also on the Great Connections Working Group. She participated in a Strategic Planning Session for the committee at the close of the Chicago national meeting.

Roger Egolf is serving as a member of the Meetings and Expositions Committee (M&E) and its Technical Program Subcommittee. That subcommittee is responsible for advising the ACS meetings staff on the format of national meeting technical programming and the allocation of meeting rooms to the various divisions. Since the COVID pandemic began, M&E has been meeting regularly with the Program Chairs and ACS staff to get updates on the status of upcoming meetings and to make suggestions to ACS staff as they plan the future of ACS national meetings.

Prepared and submitted by Mary Virginia Orna and Roger Egolf, HIST councilors

News and Announcements

Awards

Jospeh B. Lambert HIST Award

The recipients of the 2023 Jospeh B. Lambert HIST Award of the History of Chemistry (HIST) Division of the American Chemical Society are Professor Geoffrey Rayner-Canham and Marelene Rayner-Canham. The HIST Award is for outstanding achievement in the history of chemistry and is international in scope. This award is the successor to the Dexter Award (1956-2001) and the Sydney M. Edelstein Award (2002-2009), also administered by HIST.

The HIST Award consists of an engraved plaque and a check for \$1500 and will be presented to the Rayner-Canhams at the fall ACS National Meeting in San Francisco in August 2023. Additional information about the award will be provided in the fall HIST Newsletter and can also be found on the HIST website at:

http://acshist.scs.illinois.edu/awards/hist_award.php

Bulletin of the History of Chemistry Paul R. Jones Best Paper Award

Seth C. Rasmussen of North Dakota State University is the recipient of the 2018 Paul R. Jones Outstanding Paper Award for "Cuprene: A Historical Curiosity Along the Path to Polyacetylene," Vol. 42, No. 1 (2017), 63-78.

Seth obtained his B.S. in Chemistry from Washington State University in 1990 and his Ph.D. in Inorganic Chemistry from Clemson University in 1994, with thesis titled "Synthesis and Design of Conjugated Organic Metallopolymers



Containing Ruthenium Chromophoric Units” working with John D. Petersen. He was a Postdoctoral Fellow (1995-1997) and an Instructor at the University of Oregon from 1997-1999. Seth joined North Dakota State University in 1999 and became a full Professor in 2012.

Seth’s time at the University of Oregon allowed him to develop his interests in the history of chemistry, including its incorporation in his teaching. He joined the HIST division in 2000 and was soon giving papers at meetings. His first paper presented to HIST was in 2004 at the Anaheim ACS Meeting: “Advances in 13th Century Glass Manufacturing and Its effect on Chemical Progress.” Seth’s interest in glass remains strong and he has become a recognized expert in the history of glass. He is also an authority on the use of history in the teaching of chemistry and gave his first talk on this topic in 2004 at the 18th Biennial Conference on Chemical Education. Seth has become a prolific presence at HIST meetings ever since his first presentations.

Seth’s first paper to appear in the *Bulletin for the History of Chemistry* was the written form of the talk he gave in 2004: Vol. 33, No. 1, 28-34 (2008). He has since written 9 more papers for the *Bulletin* and qualifies as the most prolific of all such authors in the 21st century.

The honored paper concerns the product of the polymerization of acetylene under various conditions. It is an exhaustive chronicle of the many attempts to both synthesize and characterize the products of this reaction. The moniker “cuprene” was acquired when copper or copper oxide were used as a catalyst under high temperature conditions in a reaction tube. The paper contains a fascinating figure of the final product that was chosen as the cover figure for Volume 42 Number 1. The colored product was a highly crosslinked hydrocarbon sheet. Once the original polymer was initiated, the temperatures were sufficient to promote further reactions with newly activated acetylene. In addition to the demanding historical research necessary for this topic, Seth has added his modern knowledge of the chemistry of polymerization. He compares the result to polyethylene which can be prepared in a “low density” form that is highly branched due to further reactions of the system after initiation of the reaction. The complexity of the product is the result of both the characteristics of acetylene and the detailed trajectory of the reaction. This is modern history of chemistry at its best!

Seth has served HIST with distinction since 2008, when he became the Program Chair. His term, until 2017, was characterized by a high level of organization, a great broadening of both the number and scope of the papers, and an example of inter-Division cooperation. One of his greatest achievements was the establishment of the *Springer Briefs in the History of Chemistry* Series, of which he is the Editor. It has resulted in a great increase in both the number and quality of books published in America on the History of Chemistry. He is the Immediate Past Chair of HIST.

David E. Lewis of the University of Wisconsin-Eau Claire is the recipient of the 2019 Paul R. Jones Outstanding Paper Award for “1860-1861: Magic Years in the Development of the Structural Theory of Organic Chemistry,” Vol. 44, No.2 (2019), 77-91. This is the third time David has won the OPA Award. Of even more interest, this paper is the written form of his HIST Award Address for 2018!



David Lewis graduated with honors in Organic Chemistry from the University of Adelaide, South Australia in 1973. In 1977 he emigrated to the State of Arkansas as a Research Associate while he completed his Ph.D. from the University of Adelaide (1980) working with Ralph A. Massy-Westropp (1932-), who was one of Arthur J. Birch's (1915-1995) earliest Ph.D. students. In 1981 he joined Baylor University in Texas and earned tenure in 1988. He next earned tenure and a Full Professorship at South Dakota State University in 1993. He settled in the Wisconsin in 1997, where he has flourished as both an organic chemist and a historian of Chemistry. His international reputation has been recognized as a Fellow of the Royal Society of Chemistry (2015), a D.Sc. from the University of Adelaide (2012) and as the Markovnikov Medalist for 2019.

David Lewis has served the Division of the History of Chemistry in many roles over the last 30 years. He was a Chair from 2002-2006. He has been one of the most frequent speakers at HIST symposia for 30 years. And he is one of the most frequent

contributors to the Bulletin for the History of Chemistry.

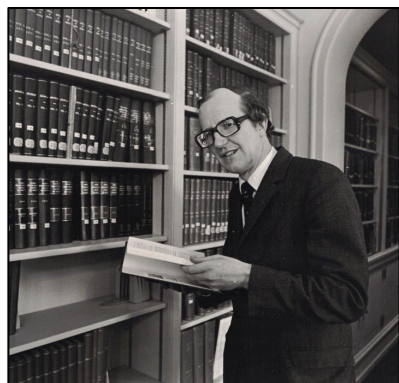
The Prize paper is a *tour de force* chronicle of the dramatic improvement in our understanding of organic chemistry in the years 1860-1861. The invention of graphic representations of the knowledge about molecules was the key tool. All the key figures are discussed and contextualized, however Prof. Lewis believes the key contributor to our understanding of organic chemistry in these crucial years was the work of Butlerov. Chemical structure both explained the properties of individual molecules and suggested likely reactions with other chemical agents. This chemical revolution in Russia even survived the Russian Revolution.

Publications of Interest

Books

Science: Has its Present Past a Future? Selected Essays by Arnold Thackray, edited by Jeffrey L. Sturchio and Bruce V. Lewenstein (ISBN 9798551167730).

Prof. Arnold Thackray is a key figure in the growth of the discipline of history of science in the late 20th century. He received his Ph.D. from



Science: Has its Present Past a Future? Selected Essays

Arnold Thackray

Edited by Jeffrey L. Sturchio and Bruce V. Lewenstein

Cambridge University in 1966. He was the founding Chairman of the Department of History & Sociology of Science at the University of Pennsylvania, becoming the Joseph Priestly Professor there. Dr. Thackray created and is the former president of the Chemical Heritage Foundation (currently, the Science History Institute). He has held faculty appointments in Oxford (visiting fellow, All Soul's College), Cambridge (fellow, Churchill College), and at the London School of Economics, Harvard, the Institute for Advanced

Study, the Center for Advanced Study in the Behavioral Sciences (Stanford), and the Hebrew University in Jerusalem.

This collection of his essays is published to celebrate his 80th birthday and the 50th anniversary of Penn's History & Sociology of Science Department. It includes his own introductions to themes in his publications, as well as recollections from his doctoral students.

From the table of contents:

- Preface: "Hedgehog or Fox? Arnold Thackray, the Penn History & Sociology of Science Community, and the Academic Discipline" by Jeffrey L. Sturchio, P. Thomas Carroll, and Robert F. Bud
- Introduction: "Certainly Contingent, Clearly Unforeseen: Notes on a Career" by Arnold Thackray
- Part I: Young Discipline, Young Man
- Part II: Scouting New Directions
- Part III: Discovering America
- Part IV: Dissecting the Discipline
- Part V: Editorials
- Part VI: Arnold Thackray's PhD Students
- Part VII: Reflections by Former Students
- Part VIII: Arnold Thackray: Biography and Curriculum Vitae

Periodicals

The Royal Society of Chemistry Historical Group publishes a twice-yearly newsletter which includes short articles on the history of chemistry, book reviews and reports of the group's meetings and webinars, in addition to news items and information on future events. The eighty-third issue, published in January 2023, is available online at: [NL2301a \(rsc.org\)](https://rsc.org/NL2301a)

The issue includes the following short articles:

- "Monitoring blood-glucose levels during a century of insulin therapy" by Alan Dronsfield and Pete Ellis
- "Calculating Chemistry – How it Used to be Done, a Witness Account" by Michael Jewess
- "A Chemist who was a Photomicrographer: Alton Ewart Clarence Smith (1887-1936)" by Edward Clarence-Smith, William Clarence-Smith, and Peter J.T. Morris.

There is also an essay review of José G. Perillán, "Science between Myth and History: The Quest for Common Ground and Its Importance for Scientific Practice" and a book review of Stephen M. Cohen, "O Mg! How Chemistry Came to Be," plus reports of the group's meetings and online lectures.

Past issues of the newsletter back to 2010 can be accessed at

[Historical Group Newsletters \(rsc.org\)](https://www.rsc.org/newsletters)

The recordings of a number of previous online lectures can be found at the Historical Group's playlist on the RSC YouTube Channel: <https://youtube.com/playlist?list=PLLnAFJxOjzZu7N0f5-nVtHcLNxU2tKmpC>

Submitted by Anna Simmons, RSC Historical Group Newsletter Editor

Events

At the ACS Meeting: Do Not Miss

ACS Spring 2023

Night at the Museum: Crossroads of Chemistry & Art

March 29th, 6 to 11pm

Spend an evening at the Indianapolis Museum of Art at Newfields to learn about the interface of Art and Science through conservation demos, a pop-up art analysis lab in the galleries, and chemistry themed tours of the collection.

Tickets include transportation from the convention center, free parking if driving, access to all galleries including the special exhibition Stephen Sprouse: Rock, Art, Fashion, 2 drink tickets, and a light boxed snack as well as entry into The LUME Indianapolis immersive projection exhibition Monet & Friends Alive.

A cash bar in the galleries will remain open till 10:30PM. Continuous transportation to and from the museum starts at 5:30PM on 3/29 at the Maryland Street Conference Center entry.

Referral Sponsors: CORTEVA, Lilly, Monument
Sponsor: ACS Local Section New York, Nufarm, Quarles, ROSE-HULMAN INSTITUTE OF TECHNOLOGY
Sponsor: BioCrossroads

Add this event to your ACS Spring Registration using the QR code!


New National Historical Chemical Landmark

New National Historical Chemical Landmark will honor Marie Maynard Daly, the First African-American Woman to Receive a Ph.D. in Chemistry, On Friday, May 19, 2023, The New York ACS Local Section will proudly dedicate a National Historic Chemical Landmark to honor Dr. Marie Maynard Daly, the first African American woman to earn a PhD in Chemistry.

Join Us in Honoring a STEM Pioneer

Celebrating the life and legacy of
Dr. Marie Maynard Daly
First African American Female
Ph.D. in Chemistry

Public outreach events throughout 2023 with the National Historic Chemical Landmark Dedication at Columbia University on May 19, 2023




Who we are

The New York Section has provided award-winning service to our members, the science of chemistry, and the public since its inception in 1891. Our outreach and educational programs inform thousands of members of the public of the economic and societal values of chemistry as we inspire young minds to pursue STEM careers. Celebrating Dr. Daly aligns with our core value of diversity, equity, inclusion and respect.

Celebrating Dr. Daly

The New York ACS is celebrating the life, scientific accomplishments and legacy of Dr. Daly throughout 2023. An exhibit of her life will be on public display at the New York Hall of Science. Our members will be visiting schools throughout New York City to discuss her life and promote diversity in STEM education. A symposium in her honor will precede the dedication of the National Historic Chemical Landmark.

Support our Programs



Improving people's lives through the transforming power of chemistry

Please join us in celebrating Dr. Daly throughout 2023

- Dr. Daly Museum Exhibit**
 - Exhibition of Dr. Daly's life and scientific contributions at the New York Hall of Science in her hometown of Queens during Black History Month
- High School Outreach Program**
 - Visits to New York High School chemistry classrooms to inspire the next generation of STEM professionals from diverse backgrounds
- National Historic Landmark Dedication**
 - Symposium honoring Dr. Daly's legacy with a National Historic Chemical Landmark dedicated in Dr. Daly's honor at her alma mater, Columbia University

The landmark event will take place at her *alma mater*, Columbia University, and will include a distinguished symposium in Dr. Daly's honor, the screening of a brief biographical film, a ceremony, and a networking reception. The Landmark Symposium will be presided over by Dr. Robert Hoyte and will feature Dr. Linda Meade-Tollin, Dr. Sibrina Collins, Dr. Mande Holford, and Dr. Marc Walters as the honored speakers.

Dr. Daly was a New York native who earned an undergraduate degree at Queens College, a Master's degree at New York University and a Ph.D. in chemistry at Columbia University, then continued on to work as a scientist at Rockefeller University, Yeshiva University and Einstein College of Medicine. Due to her intelligence and passion for science, Dr. Daly made seminal contributions to our understanding of the biosynthesis, biodistribution, and role of cholesterol in atherosclerosis and hypertension. At Rockefeller, she developed the first column chromatographic method for the separation of the nucleobases found in DNA and RNA, i.e., adenine (A), guanine (G), cytosine (C), thymine (T) and uracil (U). This allowed her to quantitate the purine and pyrimidine content of DNA which revealed the significant relationship of the proportions of these bases. This work supported the contemporaneous

discovery of Chargaff's law, i.e., the amount of adenine equals the amount of thymine and the amount of guanine equals the amount of cytosine in DNA. Dr. Daly's work was critical to our understanding of the chemical structure of DNA and was duly cited by James Watson in his Nobel Prize address.

Across her career, Dr. Daly was committed to increasing minority student enrollments in medical and graduate schools.

Since ACS has adopted DEIR as one of our core values, we know that you understand the significance and importance of honoring Dr. Daly. If you would like more information about the dedication or would like to plan to attend (it is free and open to the public), please contact Mary Virginia Orna (maryvirginiaorna@gmail.com).

The New York ACS Section has effectively declared 2023 the Marie Maynard Daly Year to highlight the importance and impact of her contributions on the current and future of the chemical sciences through all of its programming in all its components throughout the year. Documentation of the activities and success in honoring Marie Maynard Daly is meant to serve as a resource for the information and education of present and future members of the American Chemical Society at large.

Submitted by Mary Virginia Orna, HIST Councilor and 2023 Chair, ACS New York Local Section

An Upcoming Presidential Symposium

A Presidential symposium titled "History of Energy and Fuels: Opportunities and Challenges", cosponsored by HIST and ENFL (and hosted by HIST) will take place during the Fall 2023 ACS National Meeting in San Francisco, CA. Abstracts will be accepted at <http://maps.acs.org> until April 04, 2023.

The Division of the History of Chemistry (HIST) seeks to advance knowledge and appreciation of the history of the chemical sciences. The Energy and Fuels Division (ENFL) aims to Drive a sustainable and equitable energy future. The two divisions will collaborate to recognize the professionals who have demonstrated long-standing evidence-based best practices to advance science and technology. This symposium encourages submissions of a broad

spectrum of topics on history, policy, roadmap technology and deployment of sustainable and equitable energy. The proposed symposium features achievements on research, development, and application of energy and fuels from various resources. This includes unique techniques, novel partnerships, and breakthrough methodologies enabling the next generation of technologies on energy and fuels. Through reflection of history, we aim to strengthen connections between people from different backgrounds and broaden participation of scholars. Topics include, but are not limited to:

- History of the ACS Energy and Fuels Division;
- History of scientific and technological breakthroughs;
- History and policies of energy;
- Petroleum research funds to strengthen fundamental research;
- Roadmap of energy;
- Technical and societal impact of energy and fuels;
- Alternative pathways to reduce energy consumption;
- Design of energy systems to improve conversion efficiency.

If you have questions, do not hesitate to contact the organizers, Joe Jeffers (jeffers@obu.edu) or J. Louise Liu (jingbo.liu@tamuk.edu).

Celebration of Life for Trevor Levere

A Celebration of Life in honor of Trevor Levere will be held on April 16, 2023 (Sunday) from 3:00 to 5.00 pm in the Music Room, west wing of Hart House, 7 Hart House Circle, University of Toronto.

If you are able to attend, please let Jennifer Levere know (jennifer.levere@gmail.com or at 416 421 7261). If you are unable to join the Celebration in person, you are invited to send any photos or memories of Trevor that you would like to be shared at the event or in a book of memories for the family to enjoy.

BULLETIN FOR THE HISTORY OF CHEMISTRY

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

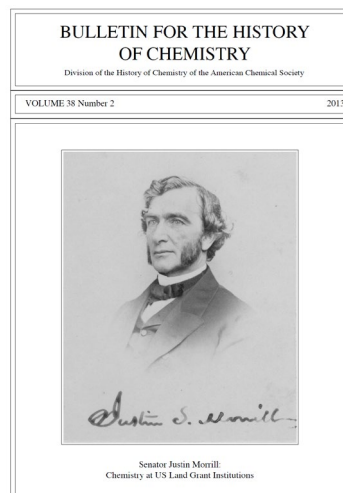
Available online: <http://acshist.scs.illinois.edu/bulletin/index.php>

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://acshist.scs.illinois.edu/info/bull-info.php>

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

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HIST Programming

Message from the HIST Program Chair

Dear HIST members, friends, and supporters, welcome to the spring 2023 ACS National Meeting and to Indianapolis! I hope you will take full advantage of as many learning and networking opportunities as you can during the meeting, and I invite you to join us and enjoy any or all of the over fifty oral and poster presentations we will offer as part of our busy four-day technical program. Yes, I am delighted to report that after some pandemic-related slowing-down of activities, we are back again and ready to move full steam. This time, our technical sessions will take place in the Convention Center, which we hope will make it easier for everyone to find and visit us. We will start bright and early on Sunday with a symposium, organized by Gary Patterson, on the HIST centennial. You will have the chance to learn about the history, the tortuous road, and the successes of what I hope is your favorite division. You will hear about the people involved in the activities that made and continues to make HIST attractive to chemists and chemical educators of all stripes. Sunday afternoon will be dedicated to the 1993 ACS president, Helen



Free, and her multifaceted contributions to the Society and the profession. The symposium is organized by Jan Hayes. We will continue on Monday morning with a tutorial on the various methods for conducting historical research, which is organized by the former HIST program chair and division chair, Seth Rasmussen. This will be a full-day event and will conclude with a panel discussion. On Monday (and also Tuesday) evening, do pay a visit to our poster presenters and the HIST table at Division Row. As always, we would be happy to meet with you in an informal atmosphere, and exchange ideas on how to make the division more interesting and useful to you. Tuesday (the entire day) will feature the symposium organized by Mary Virginia Orna and Gregory Smith on science in support of technical art history. There will be talks related to artists' materials, analytical techniques, education, and much more. Being aware that everyone likes art, we are equally convinced you will be fascinated by the lectures offered. However, we will not be done yet! We will have a full and busy day on Wednesday when talks will be delivered that cover much of the history of chemistry-themed spectrum. As you can justifiably expect, our general papers will include talks on the development of methods and techniques used by chemists, as well as on some eminent chemists and educators, and the places where they worked. Whatever your favorite flavor of chemistry or history is, you will find relevant and exiting talks to attend.

I use this space to welcome a new member of the HIST Executive committee, my dear friend and colleague Christine Hahn who, along with Mihaela Stefan, will be helping me with future programming. Christine brings not only great ideas and enthusiasm to the division but also experience. She has already co-organized two successful ACS Southwest Regional Meeting history of chemistry

symposia and has also been instrumental in attracting undergraduate students to HIST. There is hardly any need to state that we appreciate such efforts, for we are beyond thrilled to have student attendees and especially presenters at our events.

As we prepare for activities that will materialize in the fall and beyond, I invite you to share ideas about topics of interest for future HIST symposia. Perhaps you are interested in organizing a symposium? Talk to us and we'll enthusiastically provide all the help you need. If you are interested in ACS activities at the regional or local level, you can help HIST attain better visibility and appreciation by your community by organizing symposia in the history of chemistry at regional meetings. This provides excellent opportunities to create a strong intellectual network within your community, often with individuals who for may be unable to attend the larger national meetings. I assure you, HIST can and will support such endeavors. In addition, if you are organizing an event, please let us know and we will advertise it on the pages of the Newsletter and the HIST website. As ever, all of us would love to hear from you.

I close by wishing you a productive and fun meeting. Be well!

Nick Tsarevsky, HIST Program Chair

HIST SYMPOSIA, Spring 2023 ACS National Meeting (March 26-30, 2023)

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

UPCOMING MEETINGS AND HIST DEADLINES

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

Fall 2023 ACS National Meeting (San Francisco, CA, August 13-17, 2023)

HIST Award Symposium (Invited) Anne Johnson, Faculty of Science, Toronto Metropolitan University, Toronto, ON, Canada, email: anne.johnson@ryerson.ca

History of Organometallic Chemistry (Invited and contributed) Christine Hahn, Department of Chemistry, Texas A&M University-Kingsville, email: Christine.Hahn@tamuk.edu.

History of Energy and Fuels: Opportunities and Challenges (Co-organized by HIST and ENFL; **Invited and contributed**) Joe Jeffers, Ouachita Baptist University, email: jeffers@obu.edu; J. Louise Liu, Texas A&M University Energy Institute & Texas A&M University-Kingsville, email: jingbo.liu@tamuk.edu.

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

2023 Southwest Regional Meeting (SWRM) of the ACS, Oklahoma City, OK, November 15-18, 2023

Lessons and Inspiration from the History of Chemistry (Invited and contributed) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: 214-768-3259, email: nvt@smu.edu; Christine Hahn, Department of Chemistry, Texas A&M University Kingsville, email: Christine.Hahn@tamuk.edu.

Spring 2024 ACS National Meeting (New Orleans, LA, March 17-21, 2024)

The Birth of the 3rd Dimension in Chemistry (Invited and seeking contributions) Arthur Greenberg, Department of Chemistry, University of New Hampshire, Durham, New Hampshire 03824, Phone: 603-862-1180, email: art.greenberg@unh.edu; David E. Lewis, Department of Chemistry and Biochemistry, UW-Eau Claire, Eau Claire, WI 54702, Phone: 715-836-4744, email: lewisd@uwec.edu

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

Fall 2024 ACS National Meeting (Denver, CO, August 18-22, 2024)

HIST Award Symposium (Invited) TBA

History of Forensic Chemistry (Invited and contributed) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: 214-768-3259, email: nvt@smu.edu

150th Anniversary of the Priestley House (Invited and contributed) Roger Egolf, Department of Chemistry, Pennsylvania State University - Lehigh Valley, Center Valley, PA 18034, Phone: 610-285-5110, Email: rae4@psu.edu

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