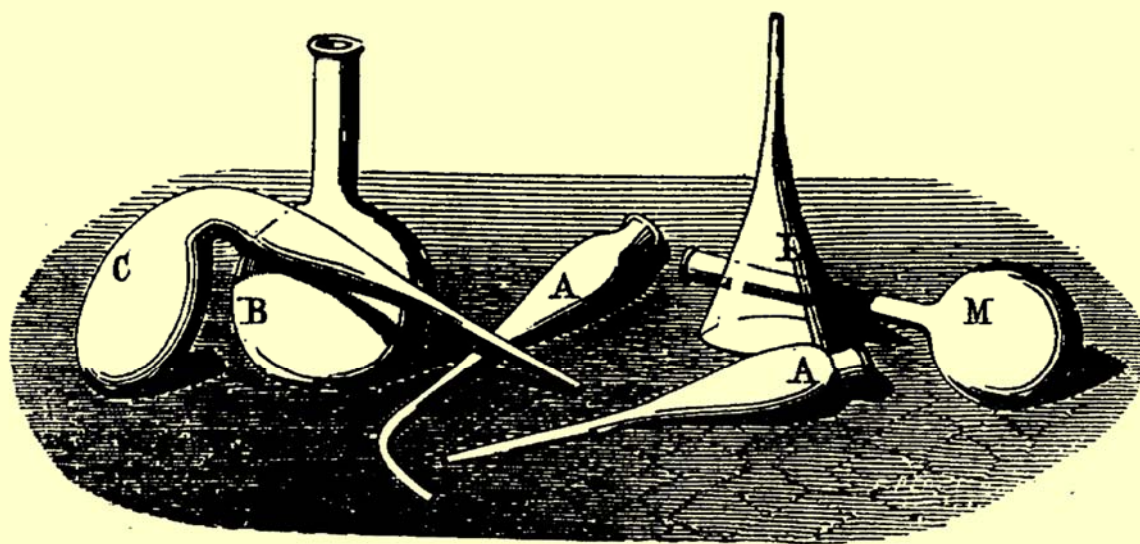




ACS  
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American Chemical Society  
**DIVISION OF THE  
HISTORY OF CHEMISTRY**



**NEWSLETTER**

258<sup>th</sup> ACS National Meeting  
San Diego, CA  
August 25-29, 2019

*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

Almost exactly a week ago, I was in Saint Petersburg, Russia, attending the 4th International Conference on the Periodic Table (July 26-28, 2019). Known informally this time as the “Mendeleev 150” conference, I was thrilled to be surrounded by scholars and fans of the periodic table, in a relatively small meeting hosted by the beautiful city where so much of its history took place. I also had a chance to visit the Mendeleev Museum and Archives, where the revered father of the periodic table lived during a good portion of his professional life (1866-1890). Incidentally, the museum was nicely described a couple of years ago by Mary Virginia Orna in a short article written for *Distillations*, the magazine of the Science History Institute in Philadelphia.

(<https://www.sciencehistory.org/distillations/magazine/mendeleev-at-home>).

Less than three weeks earlier, the much larger 47<sup>th</sup> IUPAC World Congress in Paris (July 5-12; [www.iupac2019.org](http://www.iupac2019.org)) included a symposium dedicated to IUPAC’s legacy to chemistry and the history of the periodic table. I am glad to report that HIST was well represented in the symposium, organized by Danielle Fauque and Brigitte Van Tiggelen, since both Past Chair Ronald Brashear and I gave oral presentations.

In a similar vein, HIST programming at the upcoming Fall 2019 National ACS meeting in San Diego, California, will showcase not one but two symposia devoted to the periodic table, namely “150 Years of the Periodic Table”, organized by Vera Mainz, Greg Girolami, and Carmen Giunta, and “150 Years since the Publication of the First Issue of the *Journal of the Russian Chemical Society*”, organized by David Lewis and Nick Tsarevsky. Must-attend events for any periodic table enthusiasts attending the meeting in San Diego! And let’s not forget that the meeting in San Diego will also honor Otto Theodor (Ted) Benfey, recipient of the 2019 HIST Award for Outstanding Achievement in the History of Chemistry, and include the “Bibliography of Chemistry” organized by Gary Patterson.

Last but not least, and since I am quickly running out of space, I would only like to mention that the National ACS meeting in Philadelphia next year (Spring 2020) will feature a History of Polymer Science symposium (deadline for abstract submission is in mid-October).

*Daniel Rabinovich, HIST Chair*



# Report of Councilors, Division of the History of Chemistry

## 257th ACS National Meeting – Orlando, FL, April 3, 2019

### Actions of the Council

#### I. Elections

##### *Election Results: Candidates for President-Elect, 2020*

- The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2020: Magid Abou-Gharbia, H.N. Cheng, Carol A. Duane, and Christopher J. Welch. By electronic ballot, the Council selected **H.N. Cheng** and **Carol A. Duane** as **candidates for 2020 President-Elect**. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

**President-Elect,2020**

Nominee	1 <sup>st</sup> Round	2 <sup>nd</sup> Round
Magid Abou-Gharbia	72	
*H. N. Cheng	145	191
*Carol A. Duane	125	177
Christopher J. Welch	82	

##### *Candidates for Districts II and IV*

- The Committee on Nominations and Elections announced the results of the election held prior to the Orlando meeting to select *candidates* from the list of *nominees* for Directors from District II and District IV on the Board of Directors for the term 2020-2022. By internet ballot, the Councilors from these districts selected **Christina C. Bodurow** and **Dawn Mason** as **District II candidates**; and **Rigoberto Hernandez** and **Lisa Houston** as **District IV candidates**. Ballots will be distributed on or before October 1 to all ACS members in District II and District IV for election of a Director from each District.

**DISTRICT II<sup>a</sup>**

Nominee	1st Round	2nd Round	3rd Round
*Christina C. Bodurow	39		
Mark E. Jones	2	12	
*Dawn Mason	12	24	29
Angela K. Wilson	3	15	22

**DISTRICT IV<sup>a</sup>**

Nominee	1 <sup>st</sup> Round	2 <sup>nd</sup> Round	3 <sup>rd</sup> Round
Lissa A. Dulany	12	14	
James C. Carver	9		
*Rigoberto Hernandez	27	30	35
*Lisa Houston	22	26	35

##### *Candidates for Directors-at-Large*

- The Committee on Nominations and Elections announced the selection of the following **candidates for Directors-at-Large** for 2020-2022 terms: **Harmon B. Abrahamson**, **G. Bryan Balazs**, **D. Richard Cobb**, and **Dorothy J. Phillips**. 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 on or before October 1, 2019.

## **II. Other Council Actions**

### ***Amendment to the ACS Constitution and Bylaws***

- The Council approved the Petition to Streamline the ACS Governing Documents [Constitution Articles I-XIX, Bylaws I-XIV, and Standing Rules I-IX], which will reorganize the fundamental governing documents of the Society: the Constitution and Bylaws, and create a third document: Standing Rules. These three documents will function as a hierarchy. The Constitution should define; the Bylaws should authorize; and the Standing Rules should operationalize. Additionally, an Amendment was voted upon, and passed by recorded vote:
  - That language proposed as Standing Rule II, Sections 2 a, 2 b, and 2 g be moved to the Bylaws as new Sections 2 a, 2 b, and 2 c of proposed Bylaw III with appropriate renumbering of the other sections of Bylaw III and Standing Rule II.
- The Petition will become effective if and when the proposed changes to the Constitution are approved by the Membership of the Society, and if and when the Board of Directors approves the Petition. Because the changes to the ACS Governing Documents are substantial, the Council authorized the ACS Secretary and General Counsel and the Committee on Constitution & Bylaws to correct minor technical mistakes in the Petition.

### ***Council Special Discussion***

- ACS President Bonnie Charpentier led a special discussion on ACS Relevance to Current and Future Members: Challenges and Opportunities. Councilors had been asked prior to Orlando to discuss the ACS value proposition with their local sections or divisions and bring that input to Council. Councilors provided many recommendations and suggestions including increased support for local sections and industry members, helping student members transition into their professional careers, and implementing a monthly payment tool for ACS dues. These, and all the other ideas and input submitted, will be shared with the Committee on Membership Affairs and the ACS Membership Division for further research or implementation.

### ***2020 Member Dues***

- The Council voted on the recommendation of the Committee on Budget and Finance (B&F) to set the member dues for 2020 at the 2019 rate of \$175.

### ***Continuation of Committees***

- The Council approved the recommendation of the Committee on Committees that the Committee on Nomenclature, Terminology & Symbols be continued; and that the Committee on Senior Chemists be continued, contingent on approval by the Board of Directors.

### ***International Chemical Sciences Chapter***

- On the recommendation of the Committee on International Activities, the Council approved the establishment of ACS Pakistan International Chemical Sciences Chapter, subject to confirmation by the Board of Directors.

### ***Resolutions***

- The Council passed several resolutions:
  - in memory of deceased Councilors;
  - in gratitude for the officers and members of the Orlando Section, host for the 257<sup>th</sup> National Meeting, the divisional program chairs, symposium organizers, and ACS staff for the planning and execution of the meeting.

## **Highlights from Committee Reports**

### ***Councilor Divisor***

As required by the Society's Bylaws, the Council Policy Committee has set the divisors for allocation of Councilor seats among Local Sections and Divisions for 2020 to 2023. Official notification of the Councilor divisors and the number of Councilors permitted for each Local Section and Division will be sent to the respective Local Sections and Divisions prior to May 1st as required in the Bylaws.

### ***Online Preference Forms for Councilors***

All Councilors, including new Councilors, were reminded to complete their online committee preference form for 2020 committee assignments. The committee preference form is open through June 7, 2019. The online form may be found at <https://www.yellowbook.acs.org> (log in required).

### ***Nominations and Elections***

The Committee on Nominations and Elections solicits Councilors' input regarding qualified individuals for President-Elect and/or Directors for future consideration. Suggestions may be sent to [nomelect@acs.org](mailto:nomelect@acs.org).

### ***Budget and Finance***

In 2018, ACS generated a net from operations of \$41.1 million, which was \$13.3 million higher than 2017. Total revenues were \$571.6 million, increasing 6.4% - or \$34.2 million - over 2017. Expenses ended the year at \$530.5 million, which was \$20.8 million or 4.1% higher than the prior year. These results were attributable to strong performance from the Society's Information Service units (CAS and ACS Publications) and a continued emphasis on expense management across the ACS.

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

### ***Membership***

The ACS ended 2018 with 151,012 members, a net membership growth of one-tenth-of-one-percent. This is the first membership growth ACS has recorded in the better part of a decade. Of the 25,000 new members who joined in 2018, about 20% were incentivized by market testing initiatives. Without these new members, ACS would have seen continued declines.

Council voted to extend the provision of the international dues discount test based on World Bank country income levels for an additional three years (August 2019 – August 2022).

### ***Orlando Meeting Attendance***

As of Tuesday, April 2:

Attendees	7,887
Students	6,019
Exhibitors	869
Expo only	404
Guests	426
<b>Total</b>	<b>15,605</b>

### **HIST Councilors**

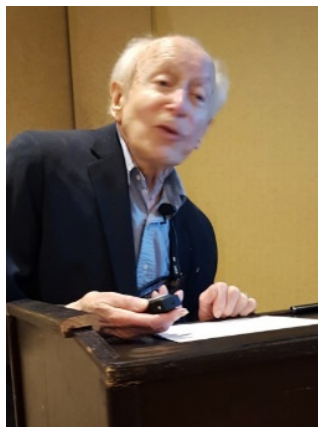
Mary Virginia Orna is serving her first term as a member of the Divisional Activities Committee (DAC). She is also a newly appointed member of the Technical Programming and Collaboration Subcommittee. She was able to report to the HIST Executive Committee that new criteria are being developed for evaluating IPG applications and also some new initiatives regarding poster presentations and electronic posters.

Roger Egolf is serving in the second year of his first term as a member of the Meetings and Expositions Committee (M&E). He is also a member of the Technical Programs Subcommittee of M&E. The subcommittee is working on arranging National Meetings in the future (starting in a couple years) in a way to ensure that all technical sessions for all divisions will be located in the Convention Center.

*Report prepared and submitted by Mary Virginia Orna and Roger Egolf, HIST councilors*

### HIST Award

As announced in the Spring 2019 issue of the HIST Newsletter, **Otto Theodor (Ted) Benfey** is the recipient of the 2019 HIST Award for Outstanding Achievement in the History of Chemistry. A special award symposium will take place on Tuesday, August 27, to celebrate Dr. Benfey's achievements. This will be followed by a dinner (more information is provided on the page describing the HIST-sponsored symposia, immediately following the Program Chair's message). To learn more about Dr. Benfey, please visit the following sites (all of which can be reached directly from the HIST web site):



[http://acshist.scs.illinois.edu/awards/hist\\_award-2019-bioBenfey.php](http://acshist.scs.illinois.edu/awards/hist_award-2019-bioBenfey.php) (includes several biographies of Dr. Benfey),

<http://acshist.scs.illinois.edu/awards/HIST%20Award%20Papers/Bohning%201992-1993%20Bull%20Hist%20%20Chem.pdf> (a Bulletin article by Jim Bohning that covers Dr. Benfey's first 68 years), and

[http://acshist.scs.illinois.edu/awards/HIST%20Award%20Papers/Seeman%202016%20Benfey%20ms\\_170106%20very%20%20final.pdf](http://acshist.scs.illinois.edu/awards/HIST%20Award%20Papers/Seeman%202016%20Benfey%20ms_170106%20very%20%20final.pdf) (a biography by Jeff Seeman, which covers Dr. Benfey's life during the years 1990-2016).

### History of Chemistry Landmark

#### *Celebrating the Invention of the GC-MS*

A piece of chemical history, little known outside the analytical chemistry community, was celebrated with the dedication of the newest National Historic Chemical Landmark, recognizing Midland, Michigan as the birthplace of GC-MS, or

gas chromatography-mass spectrometry. On June 8<sup>th</sup>, American Chemical Society President Bonnie Charpentier dedicated the Landmark for the invention of this important technology by Dow Chemical researchers Fred McLafferty and Roland Gohlke. They demonstrated the first pairing of gas chromatography with mass spectral detection in the winter of 1955-56. GC-MS is now one of the most widely deployed, most powerful technologies in the analytical chemist's toolbox. Chromatography separates a mixture into individual components, with each chromatographic peak analyzed by a mass spectrometer. Components are identified unambiguously when both characteristic retention times and mass spectral fingerprints match reference materials. When analyzing unknown materials, the mass spectrum provides tentative identifications, dramatically reducing the number of possible matches. Because of its power and sensitivity, the technique is widely used in medicine, forensic analysis, environmental testing, drug testing and more. Visit the ACS Landmarks website for more information at [acs.org/content/acs/en/education/whatischemistry/landmarks.html](http://acs.org/content/acs/en/education/whatischemistry/landmarks.html)

*Submitted by Mark Jones, Midland ACS Section*

### Celebrating the Periodic Table

#### *Elemental Art: A Competition Open to All*

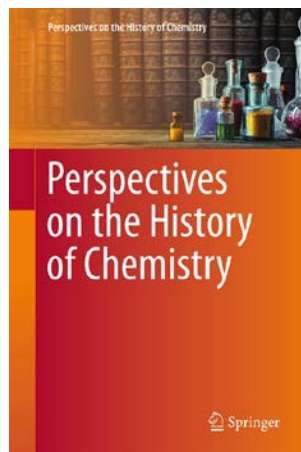
To celebrate the International Year of the Periodic Table and the 150<sup>th</sup> anniversary since the publication of Mendeleev's article on the Periodic Law (1869), we are pleased to invite all who are interested to submit their original art in the form of *poems, cartoons, or photographs*, the subject of which is a specific chemical element (i.e., its discovery, properties, or uses), group of elements (e.g., alkali metals, halogens, noble gases, etc.), or the Periodic Table itself. We aim to collect works of literary and visual art that will have educational and entertaining value and which can be enjoyed by all members of the public, independently of their level of knowledge in science and chemistry. The works submitted by July 1, 2020 will be reviewed by a panel, and three winners will be selected in

each of the three categories. The winners will receive certificates and monetary awards (\$250, \$200, or \$150 for first, second, and third place, respectively) and the best artworks will be published in the HIST Newsletter, on the HIST website, and other publicly available sources. Depending on the total number of submissions, a book may also be prepared for publication. Only works in one of the three categories (*poems*, *cartoons*, or *photographs*) will be considered at this time. The person submitting the artwork must be the copyright owner. Submissions should be sent to [nicktsarevsky@gmail.com](mailto:nicktsarevsky@gmail.com) as attachments to an email, the subject line of which reads “Elemental Art Competition – XYZ” (where “XYZ” stands for the name of the person who created the artwork). The deadline is July 1, 2020 and the winners will be informed by August 10, 2020 and will be announced at the Fall 2020 ACS meeting at a HIST symposium.

## History of Chemistry Books

### *Springer Launches New History of Chemistry Book Series*

For nearly the last 10 years, Springer has published history of chemistry books as part of its *Springer Briefs in History of Chemistry* book series, managed by Series Editor (and current HIST Chair-Elect) Seth C. Rasmussen. Based on the success of that series, Springer proposed to add a new higher profile series to compliment current efforts. As with the Springer Brief series, the aim of this new book series is to provide volumes that advance the historical knowledge of chemistry and its practice, while also remaining accessible to both scientists and formal historians of science. Volumes should thus be of broad interest to the greater chemical community, while still retaining a high level of historical scholarship. While the current series publishes paperback volumes of 50-



125 pages, this new series, *Perspectives on the History of Chemistry*, will publish hardback books of 150-450 pages on historical subjects covering all aspects of chemistry, alchemy, and chemical technology. Both series will also be published in ebook format and Rasmussen will continue to serve as Series Editor for both series. In addition to traditional single-author books, this new series will also provide the opportunity for the publication of edited volumes and will thus be a viable alternative to ACS Symposium Series for future HIST symposia books. For more information, visit <https://www.springer.com/series/16421>.

## Events of Interest

### *AAA Spain – Archaeology, Architecture and Art*

Once again, ChemSource will be offering a scientific study tour, this time to Barcelona, Bilbao/Basque Country, and Madrid/Toledo for a AAA focus on Spain: Archaeology, Architecture, and Art. We will begin in what has often been called Europe’s most exciting city, Barcelona, which is really the capital of the fierce and rugged people of Catalonia. This individuality is especially evident in the soaring and quirky architecture of Antoni Gaudí, most of which will be included in our tour. Other Barcelona greats, Joan Miró and Pablo Picasso, each have their own dedicated museums there, and will also be featured in our tour. Barcelona itself lends itself to rambling on the famous La Rambla, to exploring the winding alleyways of the Gothic quarter, where we will be lodged, enjoying the world’s best paella restaurant, and soaring over the harbor in a cable car. We will fly on from Barcelona to Bilbao, capital of the Basque country (need we say more about individuality?) where we will visit the audacious and innovatively designed Guggenheim Museum, the Archaeology Museum of Biscay, and the famed Altamira cave museum. Our journey will take us to the most beautiful part of Spain’s seaside with spectacular views of San Sebastián, fossil rock formations, and historic castles. We will also enjoy an authentic Basque meal, as well as one at the seaside. Our journey will take us on to the World Heritage City of Toledo where we will lodge at one of Spain’s fabulous Paradores – can you imagine enjoying wonderful views of this imperial city while relaxing on a recliner at the swimming pool? Toledo is the ideal



place to discover the traces left behind by three cultures: Muslim, Jewish and Christian. You can wander through its narrow side streets, squares and gardens, visit the Alcázar, the cathedral, its mosques and synagogue, baths and caves. You will fall in love with the city as El Greco did before you. Our visit to Spain would not be complete without a comprehensive guided tour of Madrid, including its famous Prado Museum, and visits to the walled royal city of Ávila, and Segovia with its historic Gothic cathedral and iconic ancient Roman aqueduct. Dates: September 28-October 10, 2020. For more information email Mary Virginia Orna ([maryvirginiaorna@gmail.com](mailto:maryvirginiaorna@gmail.com)).

## Call for Papers

Alfred R. Bader Memorial Symposium. Philadelphia National ACS Meeting, March 22-26, 2020. The Division of the History of Chemistry (HIST) is soliciting papers to commemorate the passing of one of our profession's most admired individuals: chemist, entrepreneur, philanthropist, art collector, multi-faceted benefactor of students, immigrants, refugees, as well as those who work at the cutting edge of chemical research for the benefit of humankind. Please contact the organizer, Mary Virginia Orna, at [maryvirginiaorna@gmail.com](mailto:maryvirginiaorna@gmail.com), for more information. If you cannot participate in the symposium, but would like to contribute a brief remembrance to be compiled as a "Festschrift" for the Bader family, please send your contribution to me by August 31, 2019, including your name, affiliation, and connection with Alfred.

## Call for Nominations for the 2020 HIST Award

The Division of History of Chemistry (HIST) of the American Chemical Society (ACS) solicits nominations for the 2019 HIST Award for Outstanding Achievement in the History of Chemistry. This award, formerly known as the Dexter Award and then the Edelstein Award, continues a tradition started in 1956. Lists of previous recipients of the Edelstein Award and its predecessor Dexter Award are available at the links given.

This award is sponsored by and administered by the Division of the History of Chemistry (HIST).

The recipient chosen to receive the HIST Award is presented with an engraved plaque and the sum of \$1500, usually at a symposium honoring the recipient at the 2020 Fall National Meeting of the ACS, which in 2020 will be held on August 25, 2020, in San Francisco, California. The award is international in scope, and nominations are welcome from anywhere in the world. Previous winners of the Dexter and Edelstein Awards include chemists and historians from the United States, Canada, Germany, France, the Netherlands, Hungary, and the United Kingdom.

Each nomination should consist of

- a complete curriculum vitae for the nominee, including biographical data, educational background, awards, honors, list of publications, and other service to the profession;
- a letter of nomination summarizing the nominee's achievements in the field of the history of chemistry and citing unique contributions that merit a major award; and
- at least two seconding letters.

Copies of no more than three publications may also be included. Only complete nominations will be considered for the award.

All nomination materials should be submitted (either as e-copy or as hard-copy in triplicate) to the Division of the History of Chemistry, for arrival no later than December 31, 2019.

Send e-copy to Vera V. Mainz at [mainz@illinois.edu](mailto:mainz@illinois.edu) OR alternatively send three (3) hard copies sets to:

Vera V. Mainz, HIST Sec/Treas  
2709 Holcomb Drive  
Urbana, IL 61802  
USA

# 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](mailto: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

Welcome to the 258<sup>th</sup> ACS National Meeting and to the beautiful city of San Diego! It is my pleasure to invite you to attend the interesting and inspiring symposia offered by HIST, where you can not only learn and perhaps get ideas on enriching the courses you teach but also meet some like-minded individuals and make new friends. We will start our program on Sunday morning with a symposium organized by Gary Patterson on the *Bibliography of Chemistry*. If you are fascinated by old books and original sources (perhaps long-forgotten), you will love the lectures presented at this symposium. On Sunday afternoon and all day on Monday we will celebrate the 150<sup>th</sup> anniversary of the publication of Mendeleev's 1869 paper, in which the Periodic Table – arguably the most iconic object in chemistry – was described. The symposium is co-organized by Vera Mainz, Carmen Giunta, and Greg Girolami, and will feature papers dealing with alternative (and sometimes unknown to the wider public) versions of the Periodic Table, the discovery of some elements, as well as the history of their uses in all branches of life. On Tuesday, we will celebrate the achievements of an outstanding historian of chemistry – Ted Benfey, who is the recipient of this year's HIST award. The symposium will be followed by a dinner (information is given just below this message), which we invite you to join. On Wednesday morning, David Lewis and I will host a symposium dedicated to another anniversary – the 150<sup>th</sup> since the publication of the first issue of the *Journal of the Russian (Physico)chemical Society* (coincidentally, in that exact issue, on page 60, there is a paper titled “*Dependences between Properties and Atomic Weights of the Elements*” by Mendeleev). The lectures will describe the formation of the Russian Chemical Society (one of the first in the world) as well as the lives and contributions of some of the chemists who published work with lasting impact in the early issues of the Journal. We will finish with our *General Papers* session on Wednesday afternoon, where, as always, an interesting assortment of papers on chemical history will be presented. Please stop by the HIST table at Division Row during the SciMix session on Monday night. We will be delighted to chat with you about some projects and plans we have on how to make the Division even more interesting and relevant. We would also love to hear about your ideas and welcome new members. As always, I warmly invite you to bring your friends and colleagues to some (or all!) of our events. Related to upcoming programming, if you are in the El Paso, TX area on November 13-16, a HIST symposium named “*Celebrating the Elements*” will take place as part of the joint Southwest and Rocky Mountain Regional ACS meeting, where you can learn more about the Periodic Table and the chemical elements.



I would like to finish with an announcement, which is very dear to my heart (as someone who teaches classes on chemistry and art). As part of the celebrations dedicated to the Periodic Table, we are pleased to announce a competition open to all (and I mean it), in which you or your friends and acquaintances can submit original art (poems, photographs, or cartoons) dedicated to the elements, their discoverers, or early uses. We hope to collect a variety of art works in the three mentioned categories that we can disseminate, and which can be appreciated by as wide audience as possible. The collection could be an entertaining and useful educational tool, which we hope will serve to minimize the negative effects of a phenomenon in society that has been aptly termed *chemophobia*. Art, after all, is loved by everyone! You or your students, colleagues, friends, and neighbors are welcome to submit art work (starting immediately) until July 1, 2020. Submissions should be sent to [nicktsarevsky@gmail.com](mailto:nicktsarevsky@gmail.com). More details are given in the *News and Announcements* section of this Newsletter. There will be winners and awards! We very much look forward to receiving and enjoying some “*Elemental Art*” works!

We wish you a productive and enjoyable meeting and we hope to see you at the HIST sessions!  
Nick Tsarevsky, HIST Program Chair

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## **HIST SYMPOSIA, 258th ACS Meeting in San Diego, CA, August 25-29, 2019**

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

### **HIST Award Banquet**

As part of its activities at the 258th ACS National Meeting in San Diego, the History of Chemistry Division of the American Chemical Society is pleased to host the 2019 HIST Award Banquet honoring Dr. Theodor (Ted) Benfey of Guilford College, Greensboro NC. The Banquet will be held at Casa Guadalajara (<http://www.casaguadalajara.com/>) on Tuesday, August 27. It will start at 6:00 PM and will feature a buffet dinner (the Favoritas option) and a cash bar. **Tickets are \$45 and can be purchased from Vera Mainz, HIST Secretary-Treasurer.** (Tickets cover the full cost of the meal, tip and tax. Ordinary beverages are included in the ticket cost. Alcoholic beverages and coffee are additional from the cash bar.). You can pay Vera via check or cash (exact amount preferred) at the banquet or when you see her during the meeting. If you do plan to attend, please RSVP by August 17th via email ([mainz@illinois.edu](mailto:mainz@illinois.edu)).

### **UPCOMING MEETINGS AND HIST DEADLINES**

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

### **Southwest/Rocky Mountain Regional Meeting, El Paso, TX, November 13-16, 2019**

**Celebrating the Elements and Their Discoverers.** (closed for submissions) Christine Hahn, Department of Chemistry, Texas A&M University – Kingsville, Kingsville, TX, email: [Christine.Hahn@tamuk.edu](mailto:Christine.Hahn@tamuk.edu); Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: (214) 768-3259, email: [nvt@smu.edu](mailto:nvt@smu.edu).

### **259th ACS Meeting, Philadelphia, PA, March 22-26, 2020**

**(abstract submission deadline October 21, 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](mailto:nvt@smu.edu)

**History of Polymer Science.** (Invited and **Seeking contributions**) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: (214) 768-3259, email: [nvt@smu.edu](mailto:nvt@smu.edu); 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](mailto:seth.rasmussen@ndsu.edu); Gary Patterson, Vancouver, WA 98661, (412) 480-0656, email: [gp9a@andrew.cmu.edu](mailto:gp9a@andrew.cmu.edu).

**The Life and Legacy of Alfred Bader.** (Invited and **Seeking contributors**) Mary Virginia Orna, ChemSource, Inc., 39 Willow Drive, New Rochelle, NY 10805, Phone: (914) 310-0351, email: [maryvirginiaorna@gmail.com](mailto:maryvirginiaorna@gmail.com).

## **260th ACS Meeting, San Francisco, CA, August 23-27, 2020**

**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](mailto:nvt@smu.edu)

**HIST Award Symposium.** (Invited) Nicolay V. Tsarevsky, Department of Chemistry, Southern Methodist University, Dallas, TX 75275, Phone: (214) 768-3259, email: [nvt@smu.edu](mailto:nvt@smu.edu)

**Springer Briefs in the History of Chemistry: 10<sup>th</sup> Anniversary.** (Invited) 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](mailto:seth.rasmussen@ndsu.edu)

**The Science and Legacy of Glenn Seaborg.** (Invited) Roger Egolf, Pennsylvania State University - Lehigh Valley Campus, Center Valley, PA 18034, Phone: (610) 285-5110, Email: [rae4@psu.edu](mailto:rae4@psu.edu) and Jan Hayes, Email: [janan.hayes@gmail.com](mailto:janan.hayes@gmail.com)