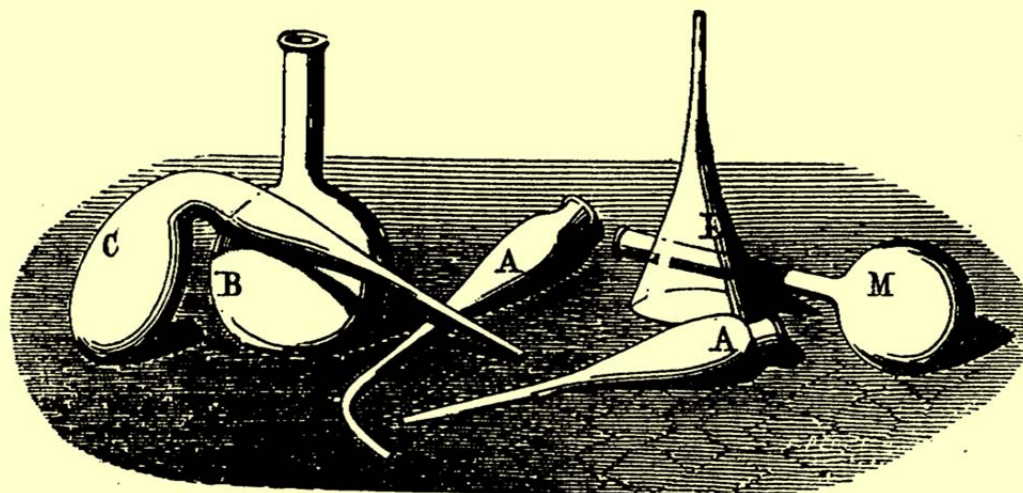




American Chemical Society
**DIVISION OF THE
HISTORY OF CHEMISTRY**



NEWSLETTER

245th ACS National Meeting
New Orleans, LA
April 7-11, 2013

S. C. Rasmussen, Program Chair
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Mission Statement

The Division of the History of Chemistry (**HIST** - <http://www.scs.illinois.edu/~mainzv/HIST/index.php>) 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.

Message from Ned Heindel, HIST Division Chair

Just how far is the horizon? Well, according to ACS HQ the time horizon for chemistry programming is three years ahead. Plans are already underway for the traditional five-year gathering of the chemical societies of the Pacific Rim, commonly called "Pacifichem" or "PacChem." The meeting will be held 15-20 December 2015 in Honolulu, Hawaii. The informational website has just been opened, <http://www.pacifichem.org/general-information/>

Chemical Societies of the Pacific Rim are steadily registering their co-sponsorships and as of January 2013 the chemical societies of the following nations had signed up: Brunei, China, Indonesia, Japan, Malaysia, Papua New Guinea, Philippines, Sri-Lanka, Taiwan, Thailand and the United States. Pacifichem-2015 has requested that ACS Divisions submit plans for any internationally-based symposia they intend to develop for Honolulu before 1 April 2013. These early submissions have been promised financial help from ACS in implementing their programming.

The HIST Executive Committee has selected a provisional title of "*Evolution of the Chemical Community in the Countries of the Pacific Rim.*" An operational abstract to describe what the Division has in mind is:

The doctorate in chemistry is generally regarded to have come into existence in early 19th century Germany but the model soon spread around the world. In early years it was common for international chemistry scholars to train at the ranking German universities and then return to their home countries to seed a local version of the doctorate. The availability of higher education in chemistry in US, Canada, and Asia also stimulated national chemical industries and governmental research institutes in each nation which have advanced the health and comfort of their citizenry. Each country's story is unique. Different pioneering professors became local heroes to the chemists of today. This symposium brings forth the roots of the professional chemistry communities (academic, industrial, and governmental) in the countries of the Pacific Rim.

We have contacted HIST members located in the nations of the Pacific Rim and have begun assembling potential speakers and topics for "*Evolution of the Chemical Community in the Countries of the Pacific Rim.*" Suggestions by HIST members and readers of this Newsletter as to possible presenters would be most welcome. While this horizon seems far off, past experience has shown that it will soon be upon us.

Ned D. Heindel, HIST Chair



Report of Councilors, Division of the History of Chemistry ACS National Meeting, Philadelphia, PA; August 19 - 23, 2012

Election Results

- By electronic ballot, the Council elected to the Committee on Committees G. Bryan Balazs, Dawn A. Brooks, Michelle V. Buchanan, Alan B. Cooper, and Ingrid Montes for the 2013-2015 term; and Spiro D. Alexandratos and Judith Currano for the remainder of a two-year (2013-2014) term.
- By electronic ballot, the Council elected to the Council Policy Committee Frank D. Blum, Mary K. Carroll, Lee H. Latimer, and Carolyn Ribes for the 2013-2015 term.
- By electronic ballot, the Council elected to the Committee on Nominations and Elections Cherlynlavaughn Bradley, Milagros Delgado, Carol B. Libby, Les W. McQuire and Donivan R. Porterfield for the 2013-2015 term.

Candidates for President-Elect and Board of Directors

- The candidates for the fall 2012 ACS national election were announced as follows:

Candidates for President-Elect, 2013

Dr. Thomas J. Barton, Distinguished Professor, Iowa State University, Ames, IA

Dr. Luis A. Echegoyen, Robert A. Welch Professor, University of Texas at El Paso

Candidates for Directors-at-Large, 2013-2015

Ms. Carol A. Duane, President, D&D Consultants of Mentor, Mentor, OH

Ms. Valerie J. Kuck, Retired, Lucent Technologies (Bell Labs), Murray Hill, NJ

Ms. Helen (Bonnie) A. Lawlor, Executive Director, National Federation of Advanced Information Services (NFAIS), Philadelphia, PA

Dr. Ingrid Montes, Professor, University of Puerto Rico, Rio Piedras Campus, San Juan, PR

Candidates for District I Director, 2013-2015

Dr. Thomas R. Gilbert, Associate Professor, Northeastern University, Boston, MA

Dr. Neil D. Jespersen, Professor of Chemistry, St. John's University, Queens, NY

Candidates for District V Director, 2013-2015

Dr. John E. Adams, Curators' Teaching Professor of Chemistry, University of Missouri, Columbia, MO

Dr. Peter K. Dorhout, Dean, College of Arts & Sciences, Kansas State University, Manhattan, KS

Petitions

- The Council received two amendments (petitions) to the ACS Constitution and Bylaws for action: The Petition on Candidate Comment in C&EN and the Petition on International Chemical Sciences Chapters Funds. The Council VOTED not to approve the Petition on Candidate Comment in C&EN which sought to restrict candidates for election to the Board of Directors from publishing comments in C&EN from May through the balloting period. The Council also VOTED not to approve (64% to 36% via clicker vote) the Petition on International Chemical Sciences Chapters Funds. This petition sought to clarify that the Board of Directors may grant funds to international chapters for specific purposes.

New Committee Supported

- The Council VOTED to establish a Joint Board-Council Committee on Senior Chemists whose mission is to enrich the educational, technical, and cultural lives of the ACS Membership by ministering to and employing the talents of senior ACS members by: sharing with ACS members of all ages a rich variety of personal experiences and expertise gained over many years of professional service; fostering interest and participation in the science of chemistry through community outreach, especially in grades K-12; acting as science advisors/ambassadors for the purpose of cultural exchange at home and abroad; providing senior ACS members with challenging, diverse, and enjoyable professional experiences that

enable them to contribute to the cultural experiences of their communities; and recommending policies that address issues of interest to senior chemists. The committee is aimed primarily at members over 60 years of age. Next, the Board of Directors must vote on whether to establish the committee.

Meeting Registration Report

- As of close of business August 22, 2012, the ACS fall national meeting had attracted 13,320 registrants, including 7,817 regular attendees and 3,177 students.

Membership Activity

- One of the Society's long-time concerns has been the decline in the number of domestic Regular Members, that is, members paying full dues. The impact of this decline has been offset, as we have reached record membership levels, by increases in the number of international Regular Members, and the 2009 addition of Student Member Undergraduates. While the number of regular domestic members paying less than full dues has decreased from 33,000 to 29,000 in the last five years, this is still significantly more than the number of student members added.

Special Discussion Item

- A special discussion item was put on the Council agenda for this meeting. ACS President Bassam Shakhshiri presented and moderated a discussion on "What major efforts should ACS pursue to help alleviate water and other global challenges?" Members of the ACS feel a responsibility as scientists and citizens to help address global challenges facing society in the 21st Century to help sustain Earth and its people. These challenges include increasing population growth, limited natural resources, malnutrition, disease, climate change, violence and war, and the denial of basic human rights, including the right to benefit from scientific and technological progress. This discussion focused primarily on the crisis of available water suitable for drinking, agriculture and industry. Following the presentation, more than 30 Councilors engaged in a discussion of this global challenge and others and offered numerous suggestions. Councilors are invited to continue discussion of this topic within the ACS Network Councilor Group (<https://communities.acs.org/groups/councilor-group>) at <https://communities.acs.org/message/11677>.

Resolution to Honor the Memory of Glenn T. Seaborg in the Centennial Year of His Birth

- The Council passed a resolution to honor the 100th anniversary of the birth of Glenn T. Seaborg, Chemistry Nobel Laureate and past ACS President.

Activities of HIST Councilors

Mary Virginia Orna – continues in the second year of her second three-year term as a member of the Council Policy Committee (CPC). She is also a member of CPC's Long-Range Planning Subcommittee and CPC's Subcommittee on Constitution and Bylaws. She has also participated in the planning and implementation of the New Councilor Mentor Program and the New Councilor Orientation Program. As a member of the Long-Range Planning Subcommittee, she has also helped to design and implement a Strategy Café Toolkit for use by Local Sections and Regional Meetings personnel. She also helped to update the Handbook for Councilors.

Roger Egolf – continues as a member of the Divisional Activities Committee (DAC). He has recently moved from the Annual Reports subcommittee to the Constitution and Bylaws subcommittee of DAC. He also continues to serve as the liaison from DAC to the Membership Affairs Committee and to HIST. Roger also serves the division as its representative to the Heritage Council of the Chemical Heritage Foundation.

Mary Virginia Orna, Roger A. Egolf, Councilors

Message from Tom Strom, HIST Division Past Chair

Don't worry; I don't intend to keep bombarding you with messages the next two years from your Past Chair. However, I do have a little bit of past business to cover. HIST is very fortunate to have Ned Heindel as its new Chair, with Gary Patterson sitting in the wings as Chair-Elect. The HIST Executive Committee is strong at every position, so you members can look forward to outstanding leadership. However, you must do your part to support the division, especially by submitting papers that are not part of some symposium but are independently derived. The continued growth of contributed papers can only strengthen our division. Also, you need to urge your chemist friends to join our division.

Environmental activists are encouraged to "Think globally; act locally!" I hope we members of HIST will think globally about the need to archive historical materials of chemistry and will act locally to archive local ACS section newsletters and minutes.

In my message in the HIST newsletter during the fall of 2011, I listed the new ACS Fellows who were members of HIST, but I omitted one of our eight new Fellows. In my message during the fall of 2012, I again listed the new HIST ACS Fellows, but I again omitted one of the seven. If you believe in consistency, I was consistent, but if you believe in accuracy, I certainly missed the mark. Let me now give a shout-out to the seventh 2012 ACS Fellow, **Dr. Richard A. Hermens**, retired faculty member from Eastern Oregon University. Dr. Hermens had a long, successful career at that institution. One of his important accomplishments was in organizing the Eastern Oregon Science Journal, which opened to the door to students in any science having a venue for publication.

As I said in my message of last fall, I intend to remain active in HIST. I look forward to meeting many of you in future meetings.

E. Thomas (Tom) Strom, HIST Past Chair



Professor William R. Newman to Receive 2012 HIST Award

The recipient of the 2013 HIST Award of the Division of the History of Chemistry of the American Chemical Society is Professor William R. Newman, Distinguished Professor and Ruth Halls Professor of History and Philosophy of Science, Indiana University, Bloomington, IN. This award is the successor to the Dexter Award (1956-2001) and the Sydney M. Edelstein Award (2002-2009), also administered by the Division of the History of Chemistry.

William Newman was introduced to the history of chemistry by Otto T. Benfey in the 1970s as a student at the University of North Carolina-Greensboro. He did his graduate work at Harvard with the medievalist John Murdoch, also working with the classicist and historian Robert Halleux at the Université de Liège. Newman's doctoral dissertation, finished in 1986, was later published as *The Summa Perfectionis of Pseudo-Geber* (1991), which consisted of an edition, translation, and study of one of the most famous alchemical works of the Middle Ages. Newman demonstrated that this early 14th century Latin alchemical treatise, attributed to Pseudo-Geber, was not a translation of a work of the 8th century Arabic writer, Jabir ibn Hayyan, but an original work by Paul of Taranto. Thus in his doctoral dissertation, Newman laid to rest the Jabir-Geber problem.

Much of Newman's subsequent work has focused on the continuity between alchemy and chemistry in the seventeenth century. Two books, *Gehennical Fire* (1994) and *Alchemy Tried in the Fire* (2002, with L.M. Principe) deal with George Starkey. Newman identified the alchemical writer Eirenaeus Philalethes ("peaceful lover of truth") to be the Harvard-educated chemist George Starkey (1628-1665). Sometimes considered to be America's first scientist, Starkey became Robert Boyle's tutor, Isaac Newton's favorite



alchemical author, and a possible influence on the works of John Locke and Gottfried Wilhelm Leibniz. Newman and Principe have advocated the use of the terms “chymistry” and “chymist” to apply to the chemically related work of people such as Newton. Newman’s 2004 *Promethean Ambitions* deals with the division between natural and artificial products that has been a problem for chemistry since its origin. His most recent book, *Atoms and Alchemy* (2006), argues that the atomic theories of the nineteenth century were decisively prefigured by a form of chymical atomism that displaced the dominant early modern scholastic matter theory. Newman’s novel thesis is that later alchemists were concerned with chemical change in general, not just on the narrowly focused and futile searches for means to transform natural materials into gold. For the last seven years, Newman has devoted most of his time to the Chymistry of Isaac Newton Project (www.chymistry.org), an on-line edition of Newton’s alchemical writings hosted by Indiana University. In addition to his appointment in the Indiana University Department of History and Philosophy of Science, he is Director of the Catapult Center for Digital Humanities and Computational Analysis of Texts, also at Indiana University.

HIST Archives

As you may know, the archives of HIST are located at the Chemical Heritage Foundation in Philadelphia. The archives comprise 44 boxes containing 544 file folders of the division’s historical records. Until 1988, there was no formal archival record keeping on the part of the division. At that time James Traynham, chair of the Division, appointed James J. Bohning as division historian. As HIST historian, Bohning began to solicit past officers of the division, asking them to send material to him at CHF, where he was then working, as he began to assemble division records from diverse sources. The division in 2004 created a formal archivist position, also assumed by Bohning. In 2005, the HIST archives were formally deeded to CHF, and the long process of archiving the large amount of material began. Bohning continued as archivist until 2009, and the position was taken over by John B. Sharkey.

A finder’s guide is in the process of being completed, and this material will then be available to researchers. Although there is a wealth of material in the archives, there are also large gaps. For example the papers of Edgar Fahs Smith and Charles A. Browne, co-founders of our division, were donated to the University of Pennsylvania (The Smith Collection) and the Library of Congress respectively. If HIST members have anything in their files that you think may be of historical interest to the archives, and you are willing to donate this material, please contact John Sharkey at johnbsharkey@me.com, who can check to see if the material is needed for the archives. As our dear friend Jim Bohning used to say, “When in doubt, don’t throw it out”.

John B. Sharkey, HIST Archivist

History of Chemistry Resources Now Available at the UNT Digital Library

The UNT (University of North Texas, at Denton TX) Digital Library is an internationally known repository for materials from research, creative, and scholarly activities, concentrating on works from the faculty of UNT. Materials include many scholarly works, including scientific and historical articles, artwork, performances, musical scores, journals, government documents, rare books, and historical posters. These works are developed in conjunction with active and retired faculty of UNT. Dr. James (Jim) L. Marshall of the Chemistry Department of UNT has created sites for two items of interest to members of the History of Chemistry Division of the ACS: (1) SOUTHWEST RETORT ARCHIVES and (2) REDISCOVERY OF THE ELEMENTS collection. All articles in this collection are fully searchable and are a powerful resource for the historical scholar.

The SOUTHWEST RETORT ARCHIVES is being developed by Jim and his long-time colleague Dr. Tom Strom. The two have had a long association on many projects, including the Southwest Retort; Jim was formerly managing editor of the periodical when Tom was long-time editor-in-chief. Tom has furnished past issues of the Southwest Retort which are being scanned and are already accessible for study by chemical scholars. This collection contains the magazine published by the Dallas/Fort Worth Section of

the American Chemical Society since 1944. Included are *The Activator* (1944-1948) and the subsequent title, the *Southwest Retort* (1948-present). The magazines include division information, regional meetings, news about members, editorials, and other items of interest to members. This magazine, still active, became solely digital in 2011 and will be constantly being updated in the UNT digital library. So far issues have been scanned through the early 1970s and can be accessed at the following URL: <http://digital.library.unt.edu/explore/collections/DFWCS>.

The REDISCOVERY OF THE ELEMENTS collection has been contributed by Jim from the sesqui-decade project of him and his wife, Virginia (Jenny). This project will be concluded in about two years, when the entire Periodic Table will have been addressed. The collection is up-to-date in the Digital Library. In addition to the main articles, there are several other feature articles connected with the project as well as cover photographs taken by Virginia Marshall. Individual scholarly articles may be found at the following URL: <http://digital.library.unt.edu/explore/collections/UNTSW>. To access the material, click on the "Explore this Collection" tab at the top of the page. Then click on "Rediscovery of the Elements" on the left-hand banner under the category "Serial/Series Title". Alternatively, the entire address below will also take one to the individual scholarly articles:

http://digital.library.unt.edu/explore/collections/UNTSW/browse/?fq=str_title_serial%3ARediscovery+of+the+Elements

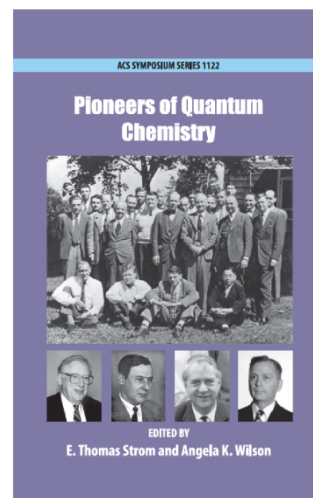
Already these two websites have been discovered by the webwide public, and the UNT Digital Library reports frequent and continuous hits.

Jim Marshall and Tom Strom

New HIST-Sponsored ACS Symposium Book: *Pioneers of Quantum Chemistry*

The ACS Symposium Book No. 1122 *Pioneers of Quantum Chemistry* will be available as an e-book by the time this newsletter reaches you. The hard copy will be available by the middle of summer. This book is based on the presentations given at the HIST Symposium of the same name held Mar. 28, 2011, at the Anaheim ACS meeting. The book's ten chapters cover the careers of noted quantum chemists John Pople, George Wheland, H. C. Longuet-Higgins, and Michael J. S. Dewar, Andrew Streitwieser's book on molecular orbital theory, both large and smaller scale surveys of quantum chemistry, the origins of free electron theory, pioneering quantum chemistry efforts at the University of Chicago and IBM, and a history of the Quantum Chemistry Program Exchange. The chapter authors are Janet Del Bene, E. Thomas Strom, Weston Thatcher Borden, Eamonn Healy, Andrew Streitwieser, Klaus Ruedenberg, W. H. Eugen Schwarz, István Hargittai, William Jensen, Paul Bagus, and Don Boyd. The editors are E. Thomas Strom and Angela K. Wilson.

Tom Strom



HIST Facebook Page Continues to Grow

In an effort to reach a wider audience, ACS HIST established a Facebook page in April 2011 to promote upcoming Division activities and to establish connections with those interested in the history of chemistry. While response to the page was initially slow, followers of the page and its visitors have continued to grow. To date, the community following the Facebook page has grown to 94 official 'likes', nearly double the number as of the previous HIST Newsletter. More impressively, according to Facebook statistics, **we are**

reaching up to an additional 36,920 Facebook users via our 98 official followers. The majority of those reached via Facebook are younger people in their 20s and 30s, most of which are not HIST or even ACS



Like



members. In addition, over two-third of the official 'likes' are coming from various international communities (**19 different countries**) without traditional access to activities of the division. The hope is to continue using this page to reach those outside of HIST, as well as allowing a venue for HIST members to share their views and discuss topics in the history of chemistry, without being limited by the timing and locations of national and local ACS conferences. The Facebook page can be found at <http://www.facebook.com/#!/pages/ACS-Division-of-the-History-of-Chemistry-HIST/152326921497559> or by searching 'HIST' in the Facebook search bar. If you are a Facebook user, please stop by, 'Like' the page, and post your thoughts on the Division or any aspect of the history of chemistry! Remember, every post on the page allows us to share what HIST is all about with nearly 40,000 people world-wide!

Seth C. Rasmussen, HIST Facebook Page Administrator

Message from the HIST Program Chair

"The more things change, the more they remain the same." I thought that this quote is a good way to start this most recent message. Yes, I am still here and doing what I can to advance the mission of HIST through our programming at National Meetings. However, at the same time HIST and the ACS has big changes coming. For those of you who have read these messages, you probably remember that in addition to my position as HIST Program Chair, I also represent HIST as a member of the ACS PACS Advisory Board, where I have continued to address difficulties with the PACS abstract submission process that acts as a barrier for some to contribute talks to HIST. Well, the good news is that PACS will soon no longer be a problem. The bad news, though, is that this is because the company that has recently acquired PACS has announced it will discontinue its support for PACS effective January 1, 2015. As such, the PACS Advisory Board has been officially disbanded and ACS is currently in the process of finding a replacement abstract system!! To assist in this decision, and to act as a voice for the ACS population, ACS has established the Abstract System Replacement Advisory Group and yours truly has once again agreed to serve as a member. Needless to say, I will be looking out for the needs and best interests of HIST members when evaluating potential replacement systems. The new system is supposed to be in place for the Denver (Spring 2015) call for papers.



The programming for New Orleans continues our recent trend in strong offerings and looks to be another great meeting for HIST. Much of this is due to the very strong *12th Archaeological Chemistry Symposium* organized by Ruth Ann Armitage and James Burton. Not only will the symposium cover a full two days of programming, but it also contributes an additional 12 posters to Monday evenings Sci-Mix. Thus, for the first time since I have been Program Chair, we will have filled all of our available Sci-Mix slots, with a total of **20 posters** representing HIST in Sci-Mix! Please take the time to attend Sci-Mix and visit with the presenters representing HIST in this important community-wide event. While I couldn't be more pleased with our representation in Sci-Mix, we still struggle to maintain our new *HIST Tutorial Series* due to a lack of willing speakers. For three meetings we have started our General Papers session with such a tutorial in order to provide an educational review to bring HIST members and the general ACS community up to speed on a historical topic of general interest. An additional aim is to tie these presentations into the ACS thematic programming if possible. Unfortunately, we were unable to find a speaker for Philadelphia and for New Orleans we will only have a Tutorial because I personally decided to step up and give my second such Tutorial on *Early history of alcohol - from food to energy* (thus aligning with the thematic programming of *Chemistry of Energy & Food*). I am still looking for Tutorial speakers for Indianapolis (*Chemistry in Motion*) and Dallas (*Chemistry of Energy: Advanced Materials for New Opportunities*). If you are willing to give a tutorial or if there is a topic you would like to see added to the series, please let me know (seth.rasmussen@ndsu.edu).

Seth C. Rasmussen, HIST Program Chair

HIST SYMPOSIA, 245th ACS Meeting in New Orleans, LA, April 7-11, 2013

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

Mary L. Good: Her Legacy in Science, Policy and Service.

Cosponsored by I&EC

In New Orleans, HIST will present the next symposium of its continuing series on the Science and Legacy of Past ACS Presidents. When you think of Mary Good, do you think of her as a chemist, educator, researcher, ACS leader, government official, entrepreneur, mentor or professional model? Come listen to and share in the stories from a collection of her friends and colleagues who will explore the many facets of Mary Good's career from Louisiana teacher, to Signal chemical researcher and leader, to ACS governance, to US government service, and back to academia with an industrial twist in Arkansas. Speakers will include: Elsa Reichmanis, Madeleine Jacobs, Erich Block, Halley Merrill, Margaret Cavanaugh, and Charles Hathaway. Mary will then get the chance at the end to share her "Remarks, Responses, and Memories". There just might be a chance for others of you to share your thoughts as well at the end. So join us Sunday afternoon to honor and celebrate our friend Mary Good. The symposium will be **Sunday afternoon**, April 7, at the New Orleans Downtown Marriott at the Convention Center - New Levee.

J. Hayes and M. Cavanaugh, Organizers

12th Archaeological Chemistry Symposium

Cosponsored by Society for Archaeological Sciences

Organized by James Burton, Director of the T. Douglas Price Laboratory for Archaeological Chemistry at the University of Wisconsin and Ruth Ann Armitage, Professor of Chemistry at Eastern Michigan University, the 12th symposium consists of both invited and contributed presentations from researchers in the fields of archaeological science, with emphasis on chemical analysis of cultural heritage materials. The presentations will range from a poster session during Monday evening's Sci-Mix event to a keynote talk from Dr. A. Mark Pollard, Director of the Research Laboratory for Archaeology and the History of Art at the University of Oxford. Talks will feature topics including identification of pigments in ancient manuscripts, analysis of archaeological organic residues, the capabilities and limitations of portable X-ray fluorescence in archaeological chemistry, and recent developments in isotopic analysis for understanding past human behavior. As with previous ACS Archaeological Chemistry Symposia, an ACS Symposium Series book based on papers from the meeting is planned. The symposium will be **all day Monday and all day Tuesday**, April 8-9, at the New Orleans Downtown Marriott at the Convention Center - New Levee.

R. Armitage and J. Burton, Organizers



UPCOMING NATIONAL MEETINGS AND HIST DEADLINES

Offerings are subject to change. Check the [HIST website](#) for updates.

Indianapolis, September 8-12, 2013

Submit your abstract via the online ACS Program and Abstract Creation System (PACS) by **April 1, 2013**. If you do not have access to a computer for use in the submission or are having difficulties in submitting your abstract, contact Seth Rasmussen (seth.rasmussen@ndsu.edu). Check the call for papers in *Chemical and Engineering News* or www.acs.org for changes in the abstract deadlines.

HIST Tutorial and General Papers. (**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

HIST Award Symposium Honoring William R. Newman. (Invited) Seymour Mauskopf, Department of History, Duke University, Box 90719, Durham, NC 27708-0719, Phone: (919) 684-2581, Email:

shmaus@duke.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

What's Your Number: A Centennial Remembrance of Henry Moseley (Invited and **Seeking contributors**) Gary D. Patterson, Department of Chemistry, Carnegie Mellon University, 4400 Fifth Avenue, Pittsburgh, PA 15213, Phone: 412-268-3324, Email: gp9a@andrew.cmu.edu

Historical Origins of Mass Spectrometry (Invited) Gary D. Patterson, Department of Chemistry, Carnegie Mellon University, 4400 Fifth Avenue, Pittsburgh, PA 15213, Phone: 412-268-3324, Email: gp9a@andrew.cmu.edu

Dallas, March 16-20, 2014

HIST Tutorial and General Papers. (**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

History of Chemistry in North Texas (Invited and **Seeking contributors**) E. Thomas Strom, Department of Chemistry and Biochemistry, University of Texas at Arlington, P. O. Box 19065, Arlington, TX 76019-0065, Phone: (817) 272-5441, Email: tomstrom@juno.com

A Century of Physical Organic Chemistry. A Celebration of the Discoverers of Organic Reaction Mechanisms (Invited and **Seeking contributors**) E. Thomas Strom, Department of Chemistry and Biochemistry, University of Texas at Arlington, P. O. Box 19065, Arlington, TX 76019-0065, Phone: (817) 272-5441, Email: tomstrom@juno.com; Jeffrey I. Seeman, SaddlePoint Frontiers, 12001 Bollingbrook Place, Richmond, VA 23236, Phone: (804) 794-1218, Email: jiseeman@yahoo.com

San Francisco, August 10-14, 2014

HIST Tutorial and General Papers. (**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

Found and Lost: Incredible Tales of Spurious, Erroneous and Rehabilitated Elements (Invited and **Seeking contributors**) Mary Virginia Orna, Department of Chemistry, College of New Rochelle, New Rochelle, NY 10805, Phone: (914) 654-5302, Email: maryvirginiaorna@gmail.com; Marco Fontani, Email: marco.fontani@unifi.it

Recent Studies in the History of Modern Organic Chemistry (Invited and **Seeking contributors**) Jeffrey I. Seeman, SaddlePoint Frontiers, 12001 Bollingbrook Place, Richmond, VA 23236, Phone: (804) 794-1218, Email: jiseeman@yahoo.com

HIST Past Presidents Symposium Series

The HIST Past Presidents Symposium series is designed to explore the professional and scientific legacy of some of our former ACS Presidents. Symposia are planned for National ACS meetings in the geographical area associated with the President to be honored. Past symposia have honored Henry Eyring (Salt Lake City, Spring 2009) and Anna Jane Harrison (Boston, Fall 2011). Beyond the Spring 2013 Mary Good symposium in New Orleans, future symposia are under development for Helen Free (Indianapolis, Fall 2013), William Carroll (Dallas, Spring 2014), Attila Pavalth (San Francisco, Fall 2014) and Henry Hill (Boston, Fall 2015). If you would like to be a part of any of these future symposia, please contact Jan Hayes at janan.hayes@yahoo.com for more information on plans and participation.

Springer Briefs in Molecular Science: History of Chemistry Seeks New Authors

Following the official launch of this new book series last year, the first five volumes have been published and are now available in softcover or ebook formats. This year we currently have at least three additional volumes in production and hope to add even more before the end of the year. As such, new authors are being sought for potential new volumes. Volumes are 50-125 pages in length, presenting concise summaries of historical topics covering all aspects of chemistry, alchemy, and chemical technology. Authors interested in discussing potential topics should feel free to contact the Series Editor, Seth Rasmussen (seth.rasmussen@ndsu.edu). For more detailed information on the new series and available volumes, please visit <http://www.springer.com/series/10127>.



Seth C. Rasmussen, Series Editor

News from the Chemical Heritage Foundation

The [Chemical Heritage Foundation](#) (CHF) fosters an understanding of chemistry's impact on society. An independent nonprofit organization, we strive to inspire a passion for chemistry, highlight chemistry's role in meeting current social challenges, and preserve the story of chemistry across centuries. CHF maintains major collections of instruments, fine art, photographs, papers, and books. We host conferences and lectures, support research, offer fellowships, and produce educational materials. Our museum and public programs explore subjects ranging from alchemy to nanotechnology.

Enhanced Presence of the Chemical Heritage Foundation at Pittcon 2013

For the first time, Pittcon, the world's largest annual conference and exposition for the laboratory sciences will be held in Philadelphia, March 17-21, 2013, at the Pennsylvania Convention Center. For the past 13 years, CHF has partnered with Pittcon to produce a historical depiction of the importance of scientific instrumentation to the chemical and molecular sciences. This joint effort is the renowned Pittcon Hall of Fame to which all Pittcon attendees have access. This year, as a salute to the 100th year anniversary of mass spectrometry, the CHF will have an enhanced presence at Pittcon 2013. An instrumentation museum, which will be located in the main registration area, will feature an original copy of J. J. Thomson's Monograph that initiated the birth of mass spectrometry. A complementary display will include a collection of mass spec components and instruments such as a miniature Nier mass spectrometer and vacuum tubes to the modern day hand held instruments that service a variety of applications from airport security to space exploration to the modern operating room.

In addition, the CHF will be presenting a symposium, Instrumentation Innovation: A Personal History of Instruments and Innovation, which will include presentations by David Brock (Instruments, Automation, Bits, and Palm Trees: Instrumentation Firms and the Early Computer Industry); Rosie Cook (More Than Black Boxes – Using Instruments to Tell the Personal Side of Chemistry); and Davis Baird (Engineering Realities: Ometric, the University of South Carolina and the Birth of a New Measurement Technology).

Pittcon attendees will be encouraged to visit the Chemical Heritage Foundation as part of CHF's extended hours during conference week.

Pittcon registration is only \$130 before February 18 (\$260 after 2/18) which includes unlimited access to the exposition floor, technical program, Conferee Networking, and all event amenities. For more information on Pittcon, please visit www.pittcon.org.

News from the Society for the History of Alchemy and Chemistry

Founded in 1935, the Society for the History of Alchemy and Chemistry (SHAC) has consistently maintained the highest standards of scholarship in all aspects of the history of alchemy and chemistry from early times to the present. The Society has a wide international membership of over 200 with members from 28 countries.

2012 Morris Award: awarded to Professor Mary Jo Nye

The Society for the History of Alchemy and Chemistry has awarded the second John and Martha Morris Award for the History of Modern Chemistry and the Chemical Industry to Professor Mary Jo Nye, Horning Professor in the Humanities and Professor of History Emeritus, History of Modern Physical Sciences, in the Department of History, Oregon State University, Corvallis, Oregon. Professor Nye has been given this award for her path-breaking work on the history of modern physical chemistry, most recently her acclaimed biography of Michael Polanyi. Professor Nye will give the Morris Lecture at the 9th International Conference for the History of Chemistry in Uppsala, Sweden, in August 2013, and the award then will be presented to her at a reception.

Professor Nye completed her undergraduate studies at Vanderbilt University and the University of Wisconsin, taking her Ph.D. in History of Science at the University of Wisconsin. From 1970 she taught at the University of Oklahoma, where she was named George Lynn Cross Research Professor in the History of Science in 1991. She was appointed a Thomas Hart and Mary Jones Horning Professor of the Humanities and Professor of History at OSU in 1994. Her research interests include the history of chemistry and physics since the eighteenth century in western Europe, the UK, and the United States; the social and cultural history of science, including laboratory science, university education, and the political activities of scientists; and the philosophy of science, especially relations between theory and evidence. Nye is currently working on further aspects of the work of Michael Polanyi, and on styles of research collaboration in the laboratories of Linus Pauling and other modern chemists.

2012 Rumford Scholarship in the History of Alchemy or Chemistry:

The Society is delighted to announce that Evan Hepler-Smith, a Ph.D. Candidate at Princeton University, is the second recipient of the Rumford Scholarship for his project 'Thinking Through Names: Nomenclature and the Culture of Organic Chemistry, 1889-1930.'

News from the History of Science Society

The History of Science Society is the world's largest society dedicated to understanding science, technology, medicine, and their interactions with society in historical context. It was founded in 1924 to foster interest in the history of science and its social and cultural relations.

Dissertations in the History of Science and Medicine

The most recent dissertations pertaining to the history of science and medicine from the August 2010 volumes of Dissertation Abstracts can be viewed online at the following URL: <http://www.hsls.pitt.edu/guides/histmed/researchresources/dissertations/index.html>. Repeat visitors will notice a change in formatting—this is the new ProQuest platform—so there are no more short versions but the abstracts do give you all the bibliographic information that you will need.

New Searching Capabilities for Online Oral Histories

Niels Bohr Library and Archives staff have just added an important new search feature to AIP's online oral histories. Users can now search for any word they wish to find across all of the online transcripts. This enables researchers to more easily locate interviews that pertain to their area of research. For example, someone researching the "atomic bomb" will find 158 interviews (out of about 770 online) that mention this term somewhere in the interview. Similarly, there are 37 hits for "star wars," and six for "Higgs." The search results are sorted by relevance, so interviews with more occurrences of the search term will appear at the top of the search results.

Staffs continue to add transcripts to the website on a regular basis and have added audio clips for Bryce S. DeWitt, John Bardeen, Richard Garwin, and others. Of note—the Richard Feynman interview, added to the online collection in March, has quickly become the most popular of all our online oral histories. For further information, visit <http://www.aip.org/history/ohilist/transcripts.html>.