

2009 Division Annual Report Worksheet

Revised 1.7.10

This is the form you should use to report your division activities for the year **January 1 – December 31, 2009**. Please submit the completed form to division@acs.org no later than March 5, 2010. If you have any questions, please contact Carol Payton by e-mailing her at c_payton@acs.org or by phoning 202.872.4557.

Division Information

Name of the Division submitting this Annual Report

Division Acronym: HIST

Full Name of the Division: History of Chemistry Division

Contact Information for Individual filling out this annual report

Last Name: Mainz

First Name: Vera

Division Officer Position: Secretary/Treasurer

Phone: 217-244-0564

E-Mail: mainz@illinois.edu

Division Governance

1. Were Division elections conducted according to the Bylaws?

Yes No

2a. Are the Bylaws reviewed and up-to-date?

(It is recommended that Bylaws be reviewed annually and updated at least every five years.)

Yes No; We have received an initial review from C&B and are

proceeding with Division approval.

2b. Bylaw review by the National Constitution and Bylaws Committee:

Date of last review: 2010

3a. Is the Division Procedures Manual reviewed and up-to-date?

Yes No

3b. Division Procedures Manual review:

Date of last review: 2008

4. Please complete the following table of positions within the Division

	Position Filled? (Y/N)	# of candidates who ran	# who held other <u>elected</u> positions in the Division	# who have held other <u>appointed</u> positions in the Division	# with ≤ 2 years of service to the Division
Chair-Elect	Y	2	0	1	1
Secretary					
Treasurer					
Councilor	Y	2	2	1	0
Alternate-Councilor					
Member-at-Large					
Other Position (1)*	Y	2	2	1	0
Other Position (2)**					

* Position (1) Specify: Secretary/Treasurer

** Position (2) Specify:

Volunteers

5. Please indicate the approximate number of active volunteers in your Division. (A volunteer is defined as a member who helps plan or organize a meeting or activity, serves on a committee, or is an elected official including Councilor and Alternate Councilor.)

Total number of volunteers: 27

Number of new volunteers in 2009: 10

Succession Planning

6. How does your Division identify and nurture future division leaders? (Check all that apply.)

- Self-Nominations
- Solicitation or advertising
- Identify active committee members
- Formal leadership training
- Outreach to new members
- Arm-Twisting
- Other. Specify:

7. Describe your Division's long-term plan and procedures for developing new leaders and/or volunteers. We continue to ask members of the Division who are not currently taking an

active role to volunteer for various activities, including organizing symposia at national and regional meetings, participate in strategic planning.

Communication with Members

8a. How does the Division communicate with its members? (*Check all that apply.*)

- Print Newsletters
- Electronic Newsletters
- Other Printed Material besides Newsletters.

Specify:

- E-Mail Blasts
- Pre-Meeting Separates
- Division Website. Date of last Division website revision?

Specify: February 2010 – the Division website is continually updated

- Open Division Meetings
- Other:

8b. How does the Division provide meeting content to its members? (*Check all that apply.*)

- ACS Symposium Series publications
- Webinars
- Databases
- Recorded Meeting Content Distributed over the Internet.

Specify: HIST had several projects at the ACS Southeast Regional Meeting, on October 23, 2009. These were supported by a generous grant from the Divisional Activities Committee. These included a [Children's Workshop](#) and a [Symposium on the History, Chemistry, and Art of the Elements](#).

Other. Specify: Bulletin for the History of Chemistry; a 50 page handout on Henry Eyring, growing out of the Past Presidents Symposium at the Spring 2009 meeting, was distributed at the meeting and is available by request.

Programming

9. Contact Information for your Division's Regional Meeting Coordinator:

Last Name: Strom

First Name: E. Thomas

Phone: 817-272-5441

E-Mail: tomstrom@juno.com

10. Contact Information for your Division's Multidisciplinary Program Planning Group (MPPG)

Representative:

Last Name: Jeffers

First Name: Joe

Phone: (870) 245-5216

E-Mail: jeffers@obu.edu

National Meeting Programming

Enter information below for the Spring and Fall National Meetings.

11a. How far in advance does your Division plan its programming?

- 1 year
- 2 years
- 3 years
- 4 years or more

11b. What were your Division activities at the Spring National Meeting? (*Check all that apply.*)

- Organized Programming
- Cosponsored symposia with other ACS Units (Do not include co-listed symposia)
- Cosponsored Meeting with Other (non-ACS) Organizations
- Held Workshops
- Held Tutorials
- Other Activities. Specify:

11c. What were your Division activities at the Fall National Meeting? (*Check all that apply.*)

- Organized Programming
- Cosponsored symposia with other ACS Units (Do not include co-listed symposia)
- Cosponsored Meeting with Other (non-ACS) Organizations
- Held Workshops
- Held Tutorials
- Other Activities. Specify:

Divisional, Regional, or Local Section Meeting Programming

Enter information below for any other meetings your Division may have developed or participated in.

(Divisional meetings are meetings your Division hosted for your Division members.)

Meeting #1 Information

12a. Type of Meeting #1:

- Divisional
- Regional
- Local Section

12b. Details of the Meeting #1:

Name of Meeting: Southeast Regional Meeting

Date of Meeting: October 23, 2009

Location of Meeting: San Juan, Puerto Rico

Attendance at Meeting: 1,335

12c. What were your Division activities and responsibilities at Meeting? (*Check all that apply.*)

Organized Programming. Briefly describe: Symposium on History, Chemistry, Art and the Elements

Cosponsored symposia with other ACS Units (Do not include co-listed symposia).
Briefly describe: CHED

Cosponsored Meeting with Other (non-ACS) Organizations.
Briefly describe:

Held Workshops. Briefly describe: Coloring with Carbon Chemistry Workshop for Kids (4th-6th Grades, bi-lingual)

Held Tutorials. Briefly describe:

Other Activities. Specify:

Meeting #2 Information

13a. Type of Meeting #2:

Divisional

Regional

Local Section

13b. Details of the Meeting #2:

Name of Meeting:

Date of Meeting:

Location of Meeting:

Attendance at Meeting:

13c. What were your Division activities and responsibilities at Meeting? (*Check all that apply.*)

Organized Programming. Briefly describe:

Cosponsored symposia with other ACS Units (Do not include co-listed symposia).
Briefly describe:

Cosponsored Meeting with Other (non-ACS) Organizations.
Briefly describe:

Held Workshops. Briefly describe:

Held Tutorials. Briefly describe:

Other Activities. Specify:

Meeting #3 Information

14a. Type of Meeting #3:

- Divisional
- Regional
- Local Section

14b. Details of the Meeting #3:

Name of Meeting:

Date of Meeting:

Location of Meeting:

Attendance at Meeting:

14c. What were your Division activities and responsibilities at Meeting? (*Check all that apply.*)

- Organized Programming. Briefly describe:
- Cosponsored symposia with other ACS Units (Do not include co-listed symposia).
Briefly describe:
- Cosponsored Meeting with Other (non-ACS) Organizations.
Briefly describe:
- Held Workshops. Briefly describe:
- Held Tutorials. Briefly describe:
- Other Activities. Specify:

Meeting #4 Information

15a. Type of Meeting #4:

- Divisional
- Regional
- Local Section

15b. Details of the Meeting #4:

Name of Meeting:

Date of Meeting:

Location of Meeting:

Attendance at Meeting:

15c. What were your Division activities and responsibilities at Meeting? (*Check all that apply.*)

- Organized Programming. Briefly describe:
- Cosponsored symposia with other ACS Units (Do not include co-listed symposia).
Briefly describe:
- Cosponsored Meeting with Other (non-ACS) Organizations.
Briefly describe:

Held Workshops. Briefly describe:

Held Tutorials. Briefly describe:

Other Activities. Specify:

Other Meeting Programming (e.g., non-ACS Meetings, International Meetings, etc.)

Other Meeting #5 Information

16a. Details of other Meeting #5 Information:

Type of Other Meeting:

Name of Other Meeting:

Date of Other Meeting:

Location of Other Meeting:

16b. What were your Division activities at the Other Meeting #5? (*Check all that apply.*)

Organized Programming. Briefly describe:

Cosponsored symposia with other ACS Units (Do not include co-listed symposia).

Briefly describe:

Cosponsored Meeting with Other (non-ACS) Organizations.

Briefly describe:

Held Workshops. Briefly describe:

Held Tutorials. Briefly describe:

Other Activities. Specify:

Other Meeting #6 Information

17a. Details of other Meeting #6 Information:

Type of Other Meeting:

Name of Other Meeting:

Date of Other Meeting:

Location of Other Meeting:

17b. What were your Division activities at the Other Meeting #6? (*Check all that apply.*)

Organized Programming. Briefly describe:

Cosponsored symposia with other ACS Units (Do not include co-listed symposia).

Briefly describe:

Cosponsored Meeting with Other (non-ACS) Organizations.

Briefly describe:

Held Workshops. Briefly describe:

Held Tutorials. Briefly describe:

Other Activities. Specify:

Multidisciplinary, Thematic, and Cooperatively Sponsored Programming

Enter information below for Division activities that fostered multidisciplinary, thematic, and cooperatively sponsored programming at any meetings held in 2009.

18a. Briefly describe programming with other divisions, committee, or other entities that were multidisciplinary in topic coverage.

18b. Briefly describe any programming with other divisions, committee, or other entities that supported the national meeting thematic programs.

18c. Briefly describe any cooperatively-sponsored symposia with other divisions, committee, or other entities.

Divisional Planning

19. Does the Division have a Vision and/or Mission Statement?

Yes

No

20. When was the last Division long range planning session?

Date: April 7, 2008

Membership

21. Looking at your Division [membership history](#) over the last few years, list specific Division actions that have favorably or unfavorably impacted your Division demographics and growth.

The Division's membership is essentially static.

Awards

22. Did your Division use funds from an Innovative Projects Fund Grant during 2009?

Yes

No

If Yes, then please complete the following Innovative Projects Fund Grant report

23a1. Innovative Projects Fund Grant Information:

Project Title: **National Chemistry at SERMACS2009 – A Day with the Elements**

Division Project Funds Contact (Name and Email): **Mary Virginia Orna (mvorna@cnr.edu)**

Amount of funding received from the Division Activities Committee (DAC): **\$7500.00**

Amount of other funding received to support this project: **\$1500.00**

23b1. Please provide a brief description of the activity funded by your Innovative Projects Grant, and its results:

Project Assessment: Overview: This project was “a day with the elements,” celebrating them during National Chemistry Week (NCW) at the Southeast Regional Meeting of the American Chemical Society in San Juan, Puerto Rico, October 21-24, 2009. The day’s activities, among other things, consisted of bi-lingual hands-on student workshops (assisted by students from the University of Puerto Rico at Mayaguez and from Duke University), a poster contest, and conversations with practicing artists and chemists. The hands-on student workshops were organized around examining the properties of some common elements, culminating in a poster-drawing session where teams of students “captured” the essence of a selected element. Prizes for the winning teams were poster-size periodic tables; each student also received some picturesque element cards produced by www.periodictable.com and also a small magnetic periodic table. The workshop was followed by a symposium, “The History, Chemistry, and Art of the Elements,” where artists, entrepreneurs, stamp collectors, and research chemists described their work with, interaction with, and passion for the chemical elements. The activities were recorded as video and still shots and may be seen on www.maryvirginiaorna.net, then click on SERMACS. The visuals are in the process of being linked to the HIST website.

23c1. Briefly describe the impact of the Innovative Project Funds on the Division (if applicable):

Describe the impact of these funds on the Division (if applicable): The Division had received funding in the past for the “See and Be Seen” Program, and contributed funds from this program in support of this project. We envision that the Division’s impact will come later as

more people access the information that is online. The impact on the Division itself could be clearly seen at the SERMACS 2009 meeting: it was listed as a sponsor, it achieved high visibility at the student workshop (the students, by the way, were 4-6 graders), it became better known to the college and graduate students who assisted with the workshop, and it became better known in the world of artists (artist Cheryl Safren was one of our speakers), entrepreneurs (speaker Theodore Gray of www.periodictable.com and Anshul Samar of www.elementeo.com), stamp collectors (Daniel Rabinovich, Editor of *Philatelia Chimica et Physica*) and practicing research chemists at major laboratories (Darleane Hoffman, Priestley Medalist and research professor at Lawrence-Berkeley National Laboratory). Attached to this narrative are the flyers that were published in the SERMACS 2009 program booklet.

23a2. Innovative Projects Fund Grant Information:

Project Title: **Science History Study Tours: Global Perspectives**

Division Project Funds Contact (Name and Email): **Mary Virginia Orna (mvorna@cnr.edu)**

Amount of funding received from the Division Activities Committee (DAC): **\$5000**

Amount of other funding received to support this project:

23b2. Please provide a brief description of the activity funded by your Innovative Projects Grant, and its results:

Project Assessment: The goals of this project were twofold. The first goal is to bring together persons with broad experience in either researching, planning, or organizing science history study tours, or those who have participated in them, in order to publicize the educational value of such tours for students, faculty, and retired chemists who are seeking enrichment. This was done in a half-day symposium at the Salt Lake City ACS Meeting (March 23, 2009) with a core group of invited speakers who are well-known for their activity in this area. The second goal was to illustrate how such scientific study tours can be integrated into the chemistry curriculum at the undergraduate level in order to (a) meld history and chemistry in an interdisciplinary course, (b) provide instructors with material that will help students to understand the contributions of chemistry in a variety of fields and over a very long period of time, (c) to move outside the box of present Euro-centered chemical history to include possible study courses centered on Asia and/or Latin America, and (d) to provide an understanding of the study tour as a valuable professional development activity for chemical educators at all levels. This second goal was realized in all of the papers given at the symposium. Furthermore, the symposium was publicized to the Senior Chemists Task Force

as a possible continuing education project for the Task Force. This proposal is presently under consideration by the Task Force.

In addition to the symposium and its content cited above, these stated goals were accomplished or are in the process of being accomplished utilizing the DAC funding in the following ways:

1. The symposium in Salt Lake City drew a capacity audience that included numerous students as well as senior chemists; the organizers had to request additional seating three times during the course of the afternoon;
2. Following the symposium, each of the participants was interviewed by a member of the Chemical and Engineering News Staff with a view to preparing a major article as part of the report on the Salt Lake City meeting; unfortunately, since the organizer was, at the time, beginning to circulate an election petition, the editorial staff at C&EN decided not to run this story;
3. ACS Books issued an invitation for the symposium to become part of the ACS Symposium Series. Consequently, a book proposal was submitted to Manuscripts Central, with a majority of the symposium speakers, plus a number of other contributors, lined up on the roster; we envision a book of about 10 chapters and 250-300 pages within about 9 months.
4. A talk entitled "Scientific History Study Tours" is in preparation for use in the ACS Tour Speaker Program.
5. An actual scientific history study tour based on one of the papers in the symposium will actually take place in late 2010; it is presently in the planning stages. It will concentrate on history and archaeology in Peru.

23c2. Briefly describe the impact of the Innovative Project Funds on the Division (if applicable):

These funds enabled the Division of the History of Chemistry to invite speakers that would have been beyond the reach of HIST's modest income/budget; they enabled the Division to sponsor a high-profile symposium; they enabled this topic to be brought to the attention of the Senior Chemists Task Force; they enabled the symposium to be brought to the attention of ACS Books, and will lead to the production of a book on the symposium topic.

23a3. Innovative Projects Fund Grant Information:

Project Title: **Symposia Honoring Past ACS Presidents**

Division Project Funds Contact (Name and Email): **Janan Hayes**

Amount of funding received from the Division Activities Committee (DAC): **\$7500**

Amount of other funding received to support this project: **\$750**

23b3. Please provide a brief description of the activity funded by your Innovative Projects Grant, and its results:

The initial symposium was held at the Spring 2009 National meeting in Salt Lake City, honoring the 1963 ACS President Henry Eyring. In addition to a full afternoon symposium, two events occurred: 1) the premier of a one-man show about Henry Eyring and 2) the contribution to the College of Science, University of Utah, Eyring Legacy Program in April 2009. A 50 page handout on Henry Eyring, growing out of the Past Presidents Symposium, was distributed at the meeting and is available by request. A series of articles by symposium speakers Bulletin for the History of Chemistry. As a continuation of the project, three potential symposia have been identified, including Fall 2010 Boston for Anna Harrison, Henry Hill in Boston 2015, and the next San Francisco meeting after 2010 for Attila Pavlath.

23c3. Briefly describe the impact of the Innovative Project Funds on the Division (if applicable):

These funds enabled the Division of the History of Chemistry to invite speakers that would have been beyond the reach of HIST's modest income/budget; they enabled the Division to sponsor a high-profile symposium; they brought Division programming to the attention of a more general audience; they allowed the production of materials to be used by chemical educators.

24. List Division Awards in 2009

Award #1 –

Name of Award: Edelstein Award

of Nominees: 3-5

How were the candidates Identified: The Edelstein Award Selection Committee solicits nominations. Also advertised in the *Bulletin for the History of Chemistry* and *Ambix*.

Award #2 –

Name of Award: Outstanding Paper Award

of Nominees: 36

How were the candidates Identified: The award committee chooses the winner from papers published in the *Bulletin for the History of Chemistry* during the previous three years.

Award # 3–

Name of Award: Citations for Chemical Breakthroughs Award

of Nominees: 3 books, 3 patents and 36 papers

How were the candidates Identified: Solicitations were sent to all members of HIST via email and through the Division newsletter. 5 were selected in 2009.

	Name of Award	# of Nominees	How were the Candidates Identified?
Award #1	See above		
Award #2	See above		
Award #3			
Award #4	See above		
Award #5			
Award #6			
Award #7			

25. How does the Division recognize its volunteers (*Check all that apply*)?

- Certificates
- Gifts
- Awards
- Letter to Volunteer's employer
- Recognition at an Event
- Other. Specify: Letters of Appreciation are sent as is appropriate.

Outreach and Additional Division Activities

As background on this section, please see [*Best Practices to Share with Other Divisions*](#).

26a. Describe any partnerships and activities the Division has with non-ACS US-based entities (e.g., sponsorships, publications, etc.)

We signed an agreement (approved by the ACS) with the Chemical Heritage Foundation to become an Affiliate Member of CHF. This has given us a seat on the Heritage Council (the CHF Advisory Board made up of representatives of their affiliate societies). A representative of HIST

attends meetings of the Heritage Council to keep us involved with CHF activities and how they may overlap with those of HIST.

26b. Describe any partnerships and activities the Division has with non-ACS global (i.e., non US-based) entities (e.g., sponsorships, publications, etc.)

We have a cooperative agreement with Ambix for advertising activities and publicity.

27. In which of the outreach activities (not associated with Programming) does the Division participate (*Check all that apply.*)

- Educational Outreach
- Public Outreach
- Outreach to Government Officials
- National Chemistry Week
- Other. Specify:

28. Describe Division activities that promote chemistry to the general public.

29. What activities, during this year, were targeted to groups under-represented in the profession or in the ACS (for example, younger chemists, minorities, women, chemical technicians, or undergraduates)? Please highlight new activities.

Group Targeted: Latino/a chemists and children

Describe the Activity: Workshops, see #23a1-c1, above.

How did the Division measure the Effectiveness of the Activity? Attendance and the smiles on the faces of the children.

	Group Targeted	Describe the Activity	How did the Division measure the Effectiveness of the Activity?
Activity #1	See above		
Activity #2			
Activity #3			
Activity #4			

Activity #5

Activity #6

Activity #7

Activity #8

Activity #9

30. List the Division activities/programs that support the [ACS Strategic Plan](#).

All our special programs have supported Goal 4 – communicating the nature and value of chemistry to the general public. In particular, communicating the historic implications of chemical activities. HIST is also the primary source of historic information regarding chemists and the chemical enterprise, therefore supporting Goal 1.

Miscellaneous

31. Describe benefits the Division provides to its members (Check all that apply.)

- Electronic balloting
- Web access to programming – to a limited extent and planning to expand
- Career Counseling
- Wiki, blog, etc.
- Social events at meetings
- Other. Specify:

32. What impediments does the Division experience in achieving its Mission?

We do not have enough volunteers to carry out our plans. We also do not have the financial resources to do all the programming we would like to do. Most of our members are retired and the cost of travel can be prohibitive.

33. What can ACS/DAC do to support the Division's Mission?

We appreciate the funding the DAC has given us through Innovative Projects grants over the past several years. Continued funding for good proposals is appreciated by the Division, as it is one of the only sources of funds we have for symposia and other programs.

34. What can DAC do to improve the Annual Review Process?

This report form should be sent UNLOCKED. Every year the Secretary has to request an unlocked copy in order to fill it out properly and distribute to the Executive Committee. The table formats are not compatible with more than a few word entries – which is rarely the case.