

SECRETARY'S MESSAGE

Hope your new year has gotten off to a good start! 2006 is going to be quite some year, with our annual meeting scheduled for Las Vegas. I've discovered in conversations that people tend to have very polarized feelings about Las Vegas – some cheer, "Wow, Vegas will be neat!" while others grumble, "Oh, I never really wanted to go to Las Vegas." If you're in that second camp, SHOT's 2006 meeting will change the way you think of Vegas. Bill Leslie and his local arrangements committee are planning an absolutely fabulous conference, one that will give us a chance to explore and discuss all the different technologies of Vegas – not just the gaming and surveillance technologies, but the urban environment and water management side, the civil engineering and architecture history, and much more. Bill's already started the hard work and taken advantage of local connections to arrange a special reception for us in the antique auto collection, some great tours, and much more. To learn more about what we have to look forward to in October, please see Bill's note in this newsletter. Speaking of the Vegas meeting, our call for papers has now been issued – please turn the page for more details.

Even as we start work on the 2006 meeting, let me take one last chance to thank all those who worked to make our 2005 meeting so pleasant and productive – our officers, our committee chairs and members, and all of you who attended. I particularly want to thank our program committee of Dan Holbrook (chair), Jennifer Light, and Ruth Oldenzel. Thanks also to David Rhees, who helped out with local arrangements, and to the History of Science Society and Jay Malone, whose assistance was vital to the success of this co-located meeting. One final thank-you to the Smithsonian's Lemelson Center for supporting our terrific Science Center reception, to the University of

Minnesota for supporting our joint SHOT-HSS reception, and to the many graduate programs that supported our evening hospitality suite and graduate student breakfast (see the full list elsewhere in this newsletter).

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Society for the History of Technology

Society Office:
 History Department
 603 Ross Hall
 Iowa State University
 Ames, IA 50011
 Phone: 515-294-8469
 Fax: 515-294-6390
 Email: shot@iastate.edu
 Website: <http://www.shot.jhu.edu>

Officers

President: Rosalind Williams
 Vice-President/President-Elect: Steve Usselman
 Secretary: Amy Bix
 Treasurer: Richard Hirsh

For Change of Address, Membership Information, and Journal Delivery Queries

Please contact Carla Hubbard, Journals Division,
 Johns Hopkins University Press, 2715 N. Charles St.,
 Baltimore, MD 21218, USA
 Phone: 410-516-6964
 Fax: 410-516-6968
 Email: cdh@mail.press.jhu.edu

SHOT Newsletter Editorial Policies, Advertising Rates, and Submission Deadlines

The SHOT *Newsletter* is published quarterly in April, July, October, and January and is sent to all individual members of the Society. Items for inclusion will be published **if received by the 1st of the previous month**. Please note that material for the newsletter may be submitted via electronic mail. Non-members and institutions may receive the *Newsletter* by separate subscription for \$15 per year. The *Newsletter* can also be read at the SHOT website.

Readers should verify closing dates and other information provided by institutions and sponsors; the editor and SHOT are not responsible for changes or typographical errors. Advertising for books, journals, and other matters related to the interests of the Society and its members is accepted if received by the 1st day of the previous month.

Advertising Rates: Full page (7-1/2" x 9-1/2"), \$200;
 Half page (7-1/2"x5" or 3"x 9-1/2"), \$150;
 Quarter page (3" x 5"), \$100

The SHOT logo was created by Brickworks of London

If you weren't able to attend the Minneapolis meeting, we were sorry to miss you – but you can catch up on details such as prizewinners here in this newsletter. We also have prize citations now posted on each prize page on the SHOT website. Speaking of prizes, this is the time of year to look once again at the long list of prizes SHOT offers. Deadlines for applications or nominations for most SHOT prizes will be approaching soon, and as always, we hope to draw the widest, deepest, strongest pools possible. If you're a graduate student or post-doc, we especially urge you to consider applying for the SHOT awards specifically aimed to reward outstanding work by junior scholars. If you know people who fall into this category, please help us spread the word about these prizes. We're always hoping also to get more good nominations for SHOT International Scholars, for the Da Vinci Medal, and for possible candidates to run for election to SHOT offices. As always, you can find more information about this and much more on our SHOT website.

Amy Sue Bix

Iowa State University

THANK YOU!!

SHOT wishes to thank the following institutions and programs for their support of graduate student activities at the 2005 Annual Meeting in Minneapolis:

Iowa State University
 Lehigh University
 Massachusetts Institute of Technology
 Michigan Technological University
 Carnegie Mellon University
 Georgia Institute of Technology
 Case Western Reserve University
 The Johns Hopkins University
 Drexel University

SOCIETY NEWS

2006 Annual Meeting of the Society for the History of Technology

Call for Papers

The Society for the History of Technology will hold its annual meeting in Las Vegas, Nevada, October 12-15, 2006. The Program Committee is seeking proposals for both individual papers and complete panels. Proposals from those new to SHOT are welcome, regardless of discipline.

As usual, the Program Committee invites paper and panel proposals on any topic in the history of technology, broadly defined. Of special interest for 2006 are proposals that engage with the following themes:

1. Technology, Games, and Entertainment
2. Technology, Race, and Ethnicity
3. Conversations between History of Technology and other Disciplines

For the 2006 meeting the Program Committee is also encouraging unconventional sessions, that is session formats that vary in useful ways from the typical three/four papers with comment. These might include (but are not limited to) sessions with no formal commentator, workshop-style sessions with papers that are pre-circulated electronically, or "author meets critics" sessions.

The Program Committee's highest priority in evaluating paper and panel proposals is scholarly excellence. In evaluating panel proposals the Program Committee is especially interested in sessions that team established and younger scholars, and/or draw participants from multiple institutions and multiple countries.

The deadline for proposals is **March 15, 2006**. Please submit your proposals to light@northwestern.edu See below for proposal guidelines and submission instructions.

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A **one page** c.v.

A completed **AV equipment request form** (available on the SHOT website)

Proposals for complete sessions must include:

A description of the session that explains how individual papers contribute to an overarching theme

A list of the presenters' names and paper titles

For each presenter, a **one-page abstract** (maximum 600 words) indicating the paper topic, argument(s) made, and evidence base used, as well as a one-page c.v.

For the commentator (if any), chair, and session organizer (if s/he is not one of the session's panelists), a **one page c.v.**

For each presenter, a completed AV equipment request form (available on the SHOT website) Panel proposals sponsored by any SHOT Special Interest Group should be clearly indicated

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Please save your proposal with your last name and the word "proposal" (for example, "brown.proposal.doc") Please save your c.v. also with your last name and the word "vitae" (for example, "brown.vitae.doc")

In case of a panel, please save each individual abstract and c.v. with the presenter's last name and the word

"abstract" or "vitae" (for example, "brown.abstract.doc" and "brown.vitae.doc")

General information:

While SHOT rules exclude multiple submissions (i.e. submitting more than one individual paper proposal, or proposing both an individual paper and a paper as part of a session), scholars may both propose a paper and serve as a commentator or session chair.

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Please note that due to cost factors, SHOT cannot guarantee the availability of digital projectors for all sessions. Those with access to projectors are encouraged to bring their own, and to let the Program Committee know if they might have equipment to share. For more information about AV equipment, please see the online AV request form.

Additional information about the 2006 meeting can be found online at:

http://www.shot.jhu.edu/Annual_Meeting/Annual_Meeting_Main_Page.htm

For questions about the program themes, submission guidelines, or any other aspects of the Call for Papers, please email Jen Light, Program Committee Chair: light@northwestern.edu

SPECIAL THANKS!!

SHOT wishes to thank the Lemelson Center of the Smithsonian Institution for their generous support of the Friday night reception held at the Science Museum of Minnesota during the 2005 Annual Meeting.

2005 PRIZE WINNERS

Leonardo da Vinci Medal: David E. Nye

Brooke Hindle Post-Doctoral Fellowship: Ann Greene (University of Pennsylvania) "Harnessing Power: Industrializing the Horse in Nineteenth Century America."

2004 Joan Cahalin Robinson Prize: Jamie L. Pietruska, "Every man his own weather clerk!": Weather Information Systems, Local Communications Technologies, and a National Weather Service for Agriculture, 1870-1891."

Samuel Eleazar and Rose Tartakow Levinson Prize: Christopher E. Wells, "Inventing the Automobile: Culture, Road Conditions, and Innovation at the Dawn of the Motor Age, 1895-1907."

IEEE Life Members' Prize in Electrical Engineering: Richard Hirsh, "Power Struggle: Changing Momentum in the Restructured American Electric Utility System."

Abbott Payson Usher Prize: William Storey, "Guns, Race, and Skill in Nineteenth-Century South Africa," *Technology and Culture*, October 2004.

The Dibner Award: "Locomotion," The National Railway Museum at Shildon, England; curator Janice Murray.

Sally Hacker Prize: David Herlihy, *Bicycle*.

Edelstein Prize: Emily Thompson, *The Soundscape of Modernity*.

Ferguson Prize—Retrospective: *The Papers of Thomas A. Edison*, Paul B. Israel, editor.

Ferguson Prize: *The Wind and Beyond: A Documentary Journey into the History of Aerodynamics in America*. James R. Hansen, editor.

Kranzberg Dissertation Fellowship: Alan D. Meyer (University of Delaware), "Why Fly? A Social and Cultural History of Private Aviation in Post-World War II America, 1945-1985."

International Scholars 2005-2007:

Irene Anastasiadou (Greece)
 Keith Breckenridge (South Africa)
 Cyrille Foasso (France)
 Finn Arne Jorgensen (Norway)
 Patrick Kammerer (Switzerland)
 Tae-Ho Kim (South Korea)
 Vincent Lagendijk (the Netherlands)
 Frank Schipper (the Netherlands)

S PECIAL

Welcome to Fabulous Las Vegas !!

SHOT rocks the house at the Imperial Palace, October 12-15, 2006. If you think that Las Vegas isn't the perfect place for our annual meeting, think again. Las Vegas boasts some of the most distinctive technological landmarks of the 20th century, and architect Robert Venturi isn't the only scholar who understands the importance of "learning from Las Vegas". The Hoover Dam, the Atomic Test Site, the Strip, and of course the fastest growing city in America, offer something for every scholarly interest--environmental history, urban history, atomic history, automotive history, the history of civil engineering, architectural history, and of course the history of surveillance and security.

Las Vegas has a reputation for blowing up and burying its past, and "imploding" landmark hotels is a popular spectator sport. The most famous example may be the Landmark Hotel itself, whose most famous resident was the reclusive Howard Hughes. But the city has gained a new appreciation for its history, and along with such 'must-sees' as the Liberace Museum, you can find the recently opened Atomic Testing Museum, which features a half-century of artifacts right out of the "The Atomic Café" and which will host our special session on Friday evening. For true atomic tourists, there will be a tour on Thursday. You'll also have a chance to visit the Hoover Dam, the original Las Vegas attraction. Don't pass up the Neon Museum. You'll tour the famous "Boneyard", where old signs go to die. Mr. O'Lucky, who once graced Fitzgeralds, the tallest casino in downtown Las Vegas, ran out of luck there last summer and perished in flames. Hal

Rothman will be giving one of his patented tours of The Strip. And for auto buffs, the Imperial Palace boasts a world-class collection of classic automobiles. We'll have our Thursday reception there, following the plenary. Only in Las Vegas would all the exhibits be for sale, so if you're lucky at the tables, bring home a once-in-a-lifetime souvenir, say a Duesenberg? There are five of them in the collection at the moment.

The Imperial Palace is located at the center of the famous strip, and has a stop on the recently opened monorail. Most of the landmark casinos, from the Luxor pyramid and New York New York, to Paris, Las Vegas, The Venetian, Caesars, and, for Hunter Thompson fans, Circus Circus, are just a few minutes away. Save time for the Stratosphere, which dwarfs Seattle's Space Needle. Imperial Palace had a facelift this year, so the rooms are fresh and a real bargain. The Imperial Palace buffet is anything but Circus Circus, with an appropriate Asian twist. In case any of you would like to be players, Imperial Palace offers a gaming primer.

For its centennial last year, Las Vegas came up with the tag line, "What happens here stays here." That may be fine for the tourists, but for SHOT, what happens in Vegas will stay with us, individually and collectively. You can look forward to a lively program, some memorable experiences, and even, if we're lucky, a genuine SHOT wedding. I promised my wife Paris on our 25th anniversary. I just didn't explain I meant Paris, Las Vegas. Low rollers can start saving those nickels. But there's so much more to Las Vegas than gaming, especially for historians of technology. Mayor Oscar Goodman, a one-time Mob lawyer, ran for election on the slogan, "Vote for Me or I'll Have You Whacked"—tongue in check, of course. I won't have you whacked if you miss Las Vegas, but you may be whacking yourself. We look forward to seeing you there.

Bill Leslie

The Johns Hopkins University
 Chair, "Local" Arrangements

PRESIDENT'S MESSAGE

When I had a young child and no job, I needed more time to work on my dissertation without paying for a sitter. I ran an ad in the local paper (these were the dark days before the internet) to see if a couple other mothers wanted to form a play group. (In those dark days, which may or may not be over, mothers were assumed to be responsible for such arrangements.) The play group was a great success. I got some writing done when the other mothers watched over the three babies, and the babies enjoyed each other's company and stayed friends well into high school.

That was in the late 1970s. When I became involved with SHOT in the early 1980s, historians of technology seemed to have three academic play groups: we regularly traded time with other historians (especially historians of science), engineers, and museum professionals. During the 1980s, we began to play more often with social scientists. Indeed, "social construction of technology" emerged when historians and sociologists began to play together around technological themes.

Beginning in the 1990s, it became increasingly common for us historians of technology to find ourselves grouped with inter- or multi-disciplinary teams that almost always include social scientists (anthropologists, sociologists, political scientists, sometimes even economists) and also, depending on the problem, scientists, engineers, and other professionals (lawyers, physicians). The "other professionals" less and less often include museum people, I have noted with regret, and the groups do not often include representatives from the core humanities (such as literature and philosophy).

In his talk at a SHOT session in Minneapolis this fall, former SHOT secretary and former NSF program director Bruce Seely described this trend as a new model for government support in our field, in which the history of technology becomes part of an "ELSI" conversation about the ethical, legal, and social impact of technology. The trend is already much farther advanced in Europe, where the overwhelming majority of funding is directed towards team-based (not individual) support for projects where history of technology is part of an inter- or multi-disciplinary

problem-based inquiry focused on issues of contemporary relevance.

As the saying goes, watch out what you wish for. Historians of technology have long wished to be more relevant, to have more of a public voice. Problem-oriented interdisciplinary play groups seem to make our work more relevant and recognized. They also tend to distort and limit it. When I find myself in these groups, I always want to begin by asking the other participants what they mean by "technology." This, I have found, is an excellent way to be re-marginalized. No one else is interested in opening the black box of language. If I challenge the "impact on" model of causation, this only makes my playmates more impatient.

There is a fundamental misfit here, I have concluded. These groups are almost always set up by the powers that be in order to exert control over the construction of the built world and over the direction of historical change. The belief in the possibility over such control is an essential element of belief in historical progress. As historians, however, our calling is to understand how history works, not to direct it. Indeed, the more we understand it, the more we appreciate that the forces constructing the built world and directing historical change are largely—not entirely, to be sure, but largely—beyond the control of human beings either acting as individuals or groups. Certainly those forces are beyond the control of any interdisciplinary groups we might join, however well-intentioned and well-informed.

In short, in these kinds of groups, it is not always possible to "play well with others" while also remaining true to our scholarly calling. There is certainly a lot of good in having our habits challenged, but only in a situation where the challenges go both ways. It is also good to be asked to contribute to discussion of contemporary issues, but too easily this can be implicitly a request for bullet-pointed predictions or policy advice. The study of history can contribute enormously to understanding complexity and change, but not necessarily in a way that provides answers for technologically-oriented issues of current concern.

We may not be entirely free to choose our playmates, but neither are we powerless in this. For example, the founding of a new Special Interest Group in SHOT this past year on Engineering Studies (the SIG is still seeking a formal name) indicates a renewed interest on the part

ANNOUNCEMENTS

of some SHOT members to reclaim more time with engineers. SHOT has long had a SIG devoted to museum studies and professions, and this too provides the structure for a vigorous play group. We can also be more outspoken in asking that other historians and humanists join the groups on which we are asked to serve, as well as being more active in organizing such groups ourselves.

For example, former SHOT president Roe Smith has put great time and energy into an MIT Program on Emerging Technologies (yes, the acronym is PoET) that is a collaboration among the STS Program, the Department of Political Science, and the Technology and Policy Program. He has found this an intellectually rewarding experience in which the collaborating partners have welcomed and respected the historical perspective he is contributing. At the same time, Roe has organized his own group of historians (Pauline Maier, Alex Keyssar, and Dan Kevles) around the project of co-authoring an American history textbook (recently published by W.W. Norton under the title *Inventing America*). This turned out to be a very intensive play group—the project has taken many years of the lives of all the authors—but it has significantly reconnected the history of technology with the more general field of American history.

Historians, like everyone else, must learn to play well with others. Unlike little children, however, we can exercise some control over our choice of playmates.

Rosalind Williams
MIT

<p>Martin Reuss has been elected vice-president/president elect of the International Water History Association. He assumes his vice-presidential duties in Paris in December, and becomes president in 2007.</p>
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SHOT-USCMH Session at AHA

Both SHOT and the US Commission on Military History are affiliates of the American Historical Association. Acting on behalf of the two societies, Bart Hacker and Margaret Vining (both of the National Museum of American History) jointly organized and chaired a two-part session for the AHA annual meeting in Philadelphia, 5-8 January 2006. Entitled "The Social Shaping of Weaponry: The History of American Military Technology in Context," it comprised seven papers. In the session's first part, Hacker discussed the periodization of American military technological history; Thomas Legg (West Chester University), John Dahlgren, his guns, and naval modernization in the mid-19th century; Albert E. Theborge, Jr. (NOAA), the role of the U.S. Coast and Geodetic Survey and its individual members in Civil War map making; and Kate Scott (William & Mary and Women in Military Service to America Memorial Foundation), food technology and the professionalization of dietitians in World War I. The session's second part had John Cloud (NOAA) on the significance of map grids and the role of artillery in promoting their expansion during the period of the World Wars; Jeffrey Engle (Texas A&M) the diplomatic repercussions of the transfer of military jet engine technology after World War II; and Paul Gillespie (US Air Force Academy) on the development of precision guidance for bombs from World War I to the Gulf War. Both sessions were well attended and provoked lively discussion.

SHOT would like to thank Bart Hacker and Margaret Vining for organizing and chairing these sessions at the AHA.

SHOT NOMINATING COMMITTEE CALL

The SHOT Nominating Committee has begun assembling a slate of candidates for the 2006 election, including the position of vice president/president elect. Members interested in suggesting possible candidates should contact the chair of the committee, Mats Fridlund (mfridlund@northwestern.edu) by **February 28, 2006**.

HSS Winners

The History of Science Society is pleased to announce the following prizewinners for 2005:

The Sarton Medal was awarded to A.I. Sabra, Professor Emeritus, Harvard University, in recognition of lifetime scholarly achievements in the history of science.

The Pfizer Prize for an outstanding scholarly book in the history of science was awarded to William R. Newman (Indiana University) and Lawrence M. Principe (Johns Hopkins University) for their book *Alchemy Tried in the Fire: Starkey, Boyle, and the Fate of Helmontian Chymistry* (University of Chicago Press, 2002).

The Watson Davis and Helen Miles Davis Prize for a book directed at a broad audience was awarded to Alan M. Kraut (American University) for *Goldberger's War: The Life and Work of a Public Health Crusader* (Hill and Wang, 2003).

The Margaret W. Rossiter History of Women in Science Prize was awarded to Kathleen Broome Williams (Cogswell Polytechnical College) for her book *Improbable Warriors: Women Scientists and the U.S. Navy in World War II* (Naval Institute Press, 2001).

The Derek Price/Rod Webster Award was given to Marc J. Radcliffe (University of Geneva) for his article "Abraham Trembley's Strategy of Generosity and the Scope of Celebrity in the Mid-Eighteenth Century" (Isis, December 2004, Volume 95).

Janet Browne (Wellcome Centre for the History of Medicine, London) gave the Distinguished Lecture at the 2005 HSS Meeting, titled "Making Darwin: Biography and Character."

The Joseph H. Hazen Education Prize was awarded to Pamela Mack (Clemson University) for her outstanding contributions to teaching in the history of science.

Frederick Henry Burkhardt received a special citation in recognition of his extraordinary contributions to advancing scholarship in the history of science, most

notably through his work on the Darwin Correspondence Project.

The full citations for the awards can be found at: <http://www.hssonline.org/society/index.html>.

For further information, please contact Jay Malone, jay@hssonline.org, phone (352) 392-1677.

Technology and the Rethinking of Borders in Europe

Second Plenary Conference of the Tensions of Europe Network and Launch of the Tensions of Europe Research Program May 25 -28, 2006
Lappeenranta University of Technology,
South Karelian Institute
Lappeenranta, Finland

The South Karelia Institute at the Lappeenranta University of Technology is organizing the Second Plenary Conference of the Tensions of Europe Network in Lappeenranta, Finland. The aim is to encourage new multidisciplinary and multinational research cooperation in the fields related to the Tensions of Europe research agenda (see www.histech.nl/tensions). Scholars interested in the history of technology and the making of modern Europe are invited to participate in the further development of the Tensions of Europe Research Program. In particular, the Organizing Committee would welcome junior and senior researchers not yet participating in the network. The program includes Round Table Discussions and Research Sessions. Furthermore, Research Collaboration Meetings focused by research subjects have been organized to facilitate discussion among scholars who may be interested in developing new cooperative research projects.

Lappeenranta is located in South Karelia, a region on both sides of the Finnish-Russian border. When Finland joined the European Union in 1995, the eastern border of Finland also became the eastern border of the EU. Therefore, it is appropriate to focus on the role of technology in the process of constructing borders within Europe, and between Europe and other territories. Borders are commonly seen as boundaries created between nation-states, but they also reflect many ways in which people, ideas, identities, and things are classified, brought together, and kept separate. Borders in all their aspects have played a crucial role in contemporary European history. Tensions about borders have led to many wars, both hot and cold. Similarly, debates about

borders continue to accompany the process of European integration. The conference will focus on the interplay between technical change and transnational European history.

The deadline for submission of proposals has passed. See the Preliminary Program and registration information on the conference website: www.lut.fi/eki/toe2006. For more information please contact Karl-Erik Michelsen, Organizing Committee Chair, at TOE2006@lut.fi.

Samuel Colt: Arms, Art, and Invention

First Comprehensive Examination of
Historic Colt Firearms Collections
Opens May 5, 2006 at the Wadsworth Atheneum

Samuel Colt: Arms, Art, and Invention will be presented by the Wadsworth Atheneum Museum of Art, May 5, 2006 through January 21, 2007.

The exhibition and its accompanying book are the first to fully document the unsurpassed Colt firearms collections held by the Wadsworth Atheneum. Many of these rare handguns were in Samuel Colt's armory office at his death in 1862. He not only kept prototypes and examples of his manufactured designs, but collected 17th and 18th-century pieces that demonstrated how far Colt had advanced revolver design. Wary of competitors, he also acquired examples of patent infringements and counterfeits. In contrast, the Colt firearms collection assembled in 1863 by his widow, Elizabeth Hart Jarvis Colt, also held by the Atheneum, includes the models in production at his death.

The publication of *Samuel Colt: Arms, Art, and Invention*, written by Houze, presents new scholarship based upon primary documents and contemporary accounts published in the United States, England, France, Germany, and Russia. It includes an essay and entries by Kornhauser, who also served as editor, and an introductory essay by Carolyn C. Cooper, a historian of technology, research affiliate in Yale University's Economics Department, and author of *Shaping America*. Richly illustrated with 300 new digital color images, the 352-page book will be published in May 2006 by Yale University Press in association with the Wadsworth Atheneum (\$65).

Samuel Colt: Arms, Art, and Invention is made possible, in part, by a grant from the Connecticut Humanities Council. The Wadsworth Atheneum Museum of Art receives support from the Greater Hartford Arts Council's United Arts Campaign and by the Connecticut Commission on Culture & Tourism.

Everyone Needs an Editor

Let freelance editing pro for univ. presses help you polish your project—dissertation/thesis, journal article, or book. Work by phone: 941-795-2779 or email: pollyk1@msn.com. (Check out my website too at <http://mysite.verizon.net/res8gmrf/>).

We might even have fun!

**BE SURE TO CHECK THE
SHOT WEBSITE
FOR ANNOUNCEMENTS AND
INFORMATION THAT
ARRIVED TOO LATE FOR
INCLUSION IN THIS
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<p>CALLS FOR PAPERS</p>

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For questions about the program themes, submission guidelines, or any other aspects of the Call for Papers, please email Jen Light, Program Committee Chair: light@northwestern.edu

Food Chains: Provisioning, Technology, and Science

For a conference on **November 3 and 4, 2006** the Center for the History of Business, Technology and Society invites paper proposals on the provisioning systems that supply our world with food. By provisioning we emphasize the complex institutional arrangements necessary for food to move from farm to the dinner table, along with the dramatic impact of science and technology. We invite proposals for papers that historically situate the connections among the array of institutions involved in food provisioning, including but not limited to farms, food research laboratories, equipment suppliers, food processors,

transportation systems, wholesale and retail outlets, government bodies, and non-government organizations and associations. Proposals are also encouraged that examine the relationships between scientific and technological innovations and food provisioning dynamics. Papers may consider any area of the world after 1600.

Proposals should be no more than 500 words and accompanied by a short cv. Deadline for submissions is **March 31, 2006**. Proposals will be evaluated by the program committee of Warren Belasco, Roger Horowitz, and Philip Scranton. Travel support may be available for those presenting papers at the conference. To submit a proposal or to obtain more information, contact Carol Lockman, Hagley Museum and Library, PO Box 3630, Wilmington DE 19807, 302-658-2400, ext. 243; 302-655-3188 (fax); clockman@Hagley.org

REVISED Call for Papers for ICOHTEC 2006

The International Committee for the History of Technology's 33rd Symposium in Leicester, U.K., August 15-20, 2006

Deadline for proposals is **March 1, 2006**.

Transforming Economies and Civilizations: The Role of Technology is the broad general theme of ICOHTEC's 33rd symposium. Technology over "la longue durée" lends itself to a variety of topics. While open to all proposals, the program committee suggests the following themes to contributors:

Energy, water, sanitary, and other utility systems

Communication and media technologies, including cultural and social issues

Transportation and its role in trans-local and "global" economies, cultural exchange, and cross-fertilization

Long-term developments in materials and their uses (pigments, ceramics, dyes, metals)

Comparative analysis of technologies and long-term changes

Technological and modern cultural history topics (e.g., the body, youth, old age, birth, death, the senses, health, illness)

Medicine, public health, and the evolution of medical technologies

Developments in military technologies

Survival of "old" technologies and revival of "obsolete" technologies

Implicit knowledge, embodiment, and similar themes

Technical "revolutions" (e.g., the Agricultural Revolution, the Technical Revolution of the Middle Ages, the Industrial Revolution, the Information Revolution)

Membership in ICOHTEC is not required to participate in the symposium.

PAPER proposals should include: (1) a 250-word (maximum) abstract in English; (2) a short CV (1-page maximum). Abstracts should describe the topic and address approaches, research questions, arguments or hypotheses employed by the author. In order to permit discussion, presentations should not exceed 20 minutes.

SESSION proposals should include: (1) an abstract of the session (250 words maximum); (2) a list of the proposed session papers; (3) abstracts for each paper (250 words maximum); (4) short CV (1 page maximum) for each author. ICOHTEC sessions customarily include a chairperson, but no separate commentator. Sessions should include a minimum of four speakers, and may include several parts extending for several days.

Please send all proposals by email to James Williams, Program Committee Chair at techjunc@pacbell.net

Other members of the committee include Ernst Homburg, The Netherlands; Sue Horning, U.S.A.; Alex Keller, U.K.; Wolfgang Koenig, Germany; and Timo Myllyntaus, Finland.

If Email is unavailable, proposals may be sent by fax to Dr. Williams: 650-960-8195. Otherwise they may be sent via regular mail, postmarked by March 1, 2006

to: James Williams, 790 Raymundo Avenue, Los Altos CA, 94024 USA

Graduate student members of the Society for the History of Technology (SHOT) are eligible for travel support. Go to: <http://www.shot.jhu.edu/Awards/icohtec2.htm>.

**Eighth Annual
CONFERENCE ON ILLINOIS HISTORY
SPRINGFIELD, ILLINOIS
October, 12-13, 2006**

Proposals for individual papers or panels on any aspect of Illinois' history, culture, politics, geography, literature, and archaeology are requested for the Conference on Illinois History. The Conference welcomes submissions from professional and avocational historians, graduate students, and those engaged in the study of Illinois history at libraries, historic sites, museums, and historical societies.

Each proposal should include a summary of the topic and a one-page resume of the participant. The summary should specify the major primary and secondary sources used in the research. Proposals should be for formal, footnoted papers. The deadline for proposals is **March 10, 2006**. Send proposals to:

Thomas F. Schwartz, State Historian
Abraham Lincoln Presidential Library
112 North Sixth Street
Springfield, IL 62701

Phone 217/782-2118, Fax 217/558-1574

Email: tom_schwartz@ihpa.state.il.us
www.Illinois-History.gov/conference.htm

Annual T²M Conference

The International Association for the History of Transport, Traffic and Mobility (T²M) invites proposals for papers to be presented at the Fourth International Conference on the History of Transport, Traffic and Mobility, to be held in Paris and Marne-la-Vallée, France on **September 28-October 1, 2006**.

Papers may address any aspect of the social, cultural, economic, technological, ecological and political history of transport, traffic and mobility. However, we encourage the submission of proposals relating to the

conference theme: History, Safety and Sustainable Mobility.

The interplay between safety and sustainability opens up important lines of historical inquiry. In what ways do the values of safety and sustainability shape the expectations of mobility users, producers and regulators? For example, beginning in the 1970s, the resurgence of the tram, in opposition to the automobile, in urban centers initiated a series of intense debates. In France, for example, several social science research projects (*RATP Réseau 2000*, *Institut pour la Ville en Mouvement*, etc) were established to address the debate. It is hoped that this theme will generate new objects and methods of inquiry in the emerging field of mobility history.

Such a broad subject suggests the value of interdisciplinary approaches. Relevant contributions from cultural geographers, sociologists, anthropologists, economists, and other scholars who do not define themselves as historians are therefore very welcome, as well as those from historians who are not specialists in T²M. Participants are encouraged, though not required, to organize panels on this or any other theme. A panel consists of a chair and normally up to three speakers; no commentator is required. We encourage transnational, comparative and transmodal approaches, and welcome proposals exploring theoretical or methodological issues as well as those of a more empirical nature. We especially invite recent entrants to the profession and doctoral students to submit proposals.

This conference will be hosted by Centre d'Histoire Sociale du XXe siècle, University Paris I Panthéon-Sorbonne, and the Ecole Nationale des Ponts et Chaussées. The conference language is English and French, all the working panels should be in English. The deadline for abstracts and a short cv (max. 1 page each; Word or rich text format only) is **March 31, 2006**. Send proposals to: submissions@t2m.org. Notification of acceptance will be sent by April 30, 2006. The full text of papers accepted must be submitted by 15 July 2006 if they are to be included on the conference CD-ROM sent in advance to all participants and if they are to be eligible for T²M Awards. All participants are absolutely required to register before the 1st September, in order to secure the conference programme.

For enquiries about the programme, please contact Mathieu Flonneau, Université Paris I, (Mathieu.Flonneau@univ-Paris1.fr) and Vincent

Guigueno, Ecole nationale des Ponts et Chaussées (vincent.guigueno@m4x.org). For information about local arrangements please contact vincent.guigueno@m4x.org.

For information about T²M and previous conferences, please visit: <http://www.t2m.org>. Further details of the 2006 conference will be posted there in due course.

A CALL FOR MANUSCRIPTS

The University of Akron Press is pleased to announce that Prof. Stephen H. Cutcliffe of Lehigh University has agreed to serve as the new Editor for their Series on Technology and the Environment, which was formerly co-edited by Jeffrey Stine and Joel Tarr. The series includes works that focus on the intersection of environmental history and the history of technology, a topical area of interest to many historians, and especially those involved with the special interest group Envirotech.

Previously published volumes in the series include:
 Jeffrey Stine, *Mixing the Waters: Environment, Politics, and the Building of the Tennessee-Tombigbee Waterway*
 James Rodger Fleming and Henry A. Gemery, eds., *Science, Technology, and the Environment: Multidisciplinary Perspectives*
 Joel A. Tarr, *The Search for the Ultimate Sink: Urban Pollution in Historical Perspective*
 James C. Williams, *Energy and the Making of Modern California*
 Dale H. Porter, *The Thames Embankment: Environment, Technology, and Society in Victorian London*
 William McGucken, *Lake Erie Rehabilitated: Controlling Cultural Eutrophication, 1960s-1990s*
 Hugh S. Gorman, *Redefining Efficiency: Pollution Concerns, Regulatory Mechanisms, and Technological Change in the U.S. Petroleum Industry*
 Jonathan Richmond, *Transport of Delight: The Mythical Conception of Rail Transit in Los Angeles*

Authors with manuscripts of potential interest for the series are invited to contact the series editor: Stephen Cutcliffe, STS Program, 327 Maginnes Hall, Lehigh

University, 9 West Packer Ave., Bethlehem, PA
18015. Phone 610-758-3350;
Email: stephen.cutcliffe@lehigh.edu

FELLOWSHIPS & GRANTS

MICHIGAN TECHNOLOGICAL UNIVERSITY ARCHIVES AND COPPER COUNTRY HISTORICAL COLLECTIONS Houghton, Michigan

The Michigan Technological University Archives and Copper Country Historical Collections is offering research support awards for the 2006 calendar year. Grants are for up to \$600 and provide support for travel, food and lodging to carry out research using the collections of the MTU Archives. Financial support for the travel award program is provided by the Friends of the Van Pelt Library, a support organization for the Library and Archives of Michigan Technological University. Topical research areas include: Michigan's western Upper Peninsula; industrial history, particularly copper mining and its ancillary industries; social history, including workforce issues, immigration and ethnicity; urban and community development along the Keweenaw Peninsula; transportation; and the environment.

Review of applications will begin on **January 23, 2006**, and travel must be completed by December 16, 2006. For further information and an [application form](#), please contact:

University Archivist
MTU Archives and Copper Country Historical
Collections
J. Robert Van Pelt Library
1400 Townsend Drive
Houghton, MI 49931
Phone (906) 487-2505
Fax (906) 487-2357
copper@mtu.edu

Bakken Fellowships and Grants

Each year, the Bakken Library and Museum of Electricity in Life offers Visiting Research Fellowships and Research Travel Grants to facilitate

research in its collection of books, journals, manuscripts, and instruments. Visiting Research Fellowships up to a maximum of \$1,500 are to help defray the expenses of travel, subsistence, and other direct costs of conducting research at The Bakken. The minimum period of residence is two weeks. Preference is given to researchers who are interested in collaborating with The Bakken on exhibits or other programs. The deadline for visiting research applications is **February 20, 2006**.

Travel Grants up to a maximum of \$500 (domestic) and \$750 (foreign) are to help defray the expenses of travel, subsistence, and other direct costs of conducting research at The Bakken. The minimum period of residence is one week. Application may be made at any time during the calendar year; there are no deadlines.

For information about the focus and extent of the Bakken collections, go to www.thebakken.org and click on "Library" or "Research" on the home page. For application guidelines or further information, please contact:

Elizabeth Ihrig, Librarian
The Bakken Library and Museum
3537 Zenith Avenue So.
Minneapolis, MN., 55416, U.S.A.
tel 612-926-3878 ext. 227
fax (612) 927-7265
e-mail Ihrig@thebakken.org

Dean's Fellowship in the History of Home Economics and Human Nutrition

The College of Human Ecology, Cornell University, is seeking applications for the 2006 Dean's Fellowship in the History of Home Economics and Human Nutrition. Preference will be given to scholars in more advanced stages of a research project but Ph.D. candidates are encouraged to apply. One award of \$6,000 is available for a summer or sabbatical residency of six continuous weeks to utilize the resources available from the College and the Cornell Library System in pursuit of scholarly research into the history of home economics and its impact on American society. Deadline: **March 1, 2006**. See:

<http://www.human.cornell.edu/che/Fellowship/index.cfm> for details.

WHEATS 2005: A Summary of a Workshop

University of Virginia hosted the second annual Workshop for the History of Environment, Agriculture, Technology, and Science (WHEATS) October 7 – 9, 2005. Eight graduate students presented a piece of scholarly writing for comment and discussion. The fields of inquiry ranged from medieval waste management to modern recycling machines, from Russian cattle breeding to Utah irrigation systems. The workshop also sponsored an academic publishing panel with Paul Sutter (University of Georgia), Edmund Russell (University of Virginia), and Penny Kaiserlain (University of Virginia Press).

The first WHEATS was arranged last year by Deborah Fitzgerald (MIT) as a collegial forum for graduate students to present historical research to their colleagues at peer institutions, as well as to receive feedback about the direction, scope, and presentation of their project. Each student submits a conference paper, journal-length article, or dissertation chapter for comment. Papers forge connections across one or more of the disciplinary boundaries named in the conference title. Where do histories of environments, agriculture, technology, and science intersect most fruitfully? How do we write environmental histories of technology, or incorporate the history of science into agricultural histories?

The WHEATS 2005 graduate student presenters were: Barbara Hahn (University of North Carolina-Chapel Hill), Dolly Jørgensen (University of Virginia), Finn Arne Jørgensen (Norwegian University of Science and Technology), Kathy Lyon (Rutgers University), Jenny Smith (Massachusetts Institute of Technology), Eric Stoykovich (University of Virginia), David Vail (Utah State University), and Albert Way (University of Georgia).

We all found the conference highly successful and intellectually stimulating despite the unexpected torrential rain. Special thanks to the WHEATS organizing committee: Bernie Carlson, Alex Checkovich, Dolly Jørgensen, Finn Arne Jørgensen, Laura Richardson Kolar, and Eric Stoykovich.

We hope that participation in WHEATS will continue to grow. Non-presenting students and faculty are especially encouraged to attend. WHEATS intends to become a community shaping the future of the history

of environment, agriculture, technology, and science research fields. WHEATS 2006 will be hosted at University of Western Ontario. Please contact William J. Turkel (wturkel@uwo.ca) for more information.

SHOT PRIZES FOR 2006

The SHOT Prizes will be awarded at the annual meeting in Las Vegas October 12-15, 2006. For details on submitting nominations for the SHOT prizes, see the website at www.shot.jhu.edu or contact the Secretary's office at shot@iastate.edu.

The **Leonardo da Vinci Medal** is the highest recognition from the Society for the History of Technology. It is presented to an individual who has made an outstanding contribution to the history of technology through research, teaching, publication, and other activities. The 2006 Committee members are David Hounshell, Chair, Gijs Mom, Angela Lakwete, Carolyn Goldstein, Kevin Borg, Bruce Hevly, Slava Gerovitch, Geert Verbong, and Merritt Roe Smith.

SHOT invites members to nominate candidates for this year's da Vinci Medal. To put forward a person's name for consideration, please send a letter of nomination, describing the person's outstanding contributions to the history of technology, to da Vinci Medal Committee chair David Hounshell by **April 15, 2006**.

The **IEEE Life Members' Prize in Electrical History** was established by the IEEE Life Members, who fund the prize, and is administered by the Society for the History of Technology. The prize recognizes the best paper in electrical history published during the previous year, in this case 2005. Any historical paper published in a learned journal or magazine is eligible if it treats the art or engineering aspects of electrotechnology and its practitioners. Electrotechnology encompasses power, electronics, telecommunications, and computer science. The committee invites submissions for the prize. Please send a copy of the paper to EACH member of the prize committee by **April 15, 2006**. The prize consists of a cash award of \$500 and a certificate. The 2005 Committee members are Slava Gerovitch, Chair, David Hochfelder, and Janet Abbate.

The **Samuel Eleazar and Rose Tartakow Levinson Prize** is awarded for a single-authored, unpublished essay in the history of technology that explicitly examines in some detail a technology or technological

device/process within the framework of social or intellectual history. It is intended for younger scholars and new entrants into the profession. Manuscripts should be in English and of a length suitable for publication as a journal article. **One paper copy** should be sent to the SHOT Office/Secretary, Amy Sue Bix, 618 Ross Hall, History Dept., Iowa State University, Ames, IA 50011, USA, and the article should be sent as an email attachment in MS Word or pdf format. See the website for more information. The closing date for nominations is **April 15, 2006**. The award consists of \$400 and a certificate. The 2006 Committee members are Carolyn Goldstein, Chair, Henrik Björck, and Gerald Fitzgerald.

The Society for the History of Technology invites applications for the **Brooke Hindle Post-Doctoral Fellowship** in the History of Technology for 2006-2007. The award is for \$10,000 and may be used, as further detailed on the SHOT website, for any purpose connected with research or writing in the history of technology for a period of not less than four months between September 1, 2006 and August 31, 2007. The Fellowship honors the contributions of Brooke Hindle to the work of the Society for the History of Technology, and is made possible thanks the generosity of the family. Applications must be made in written English and submitted to the chair of the Fellowship Committee either by mail or email (no faxes will be accepted), to be received by **April 1, 2006**. Committee members are Roger Launius, Chair, Karin Bijsterveld, and Zachary Schrag.

SHOT's **International Scholars** program was established in 1992 to foster a stronger international community for the study of the history of technology, to strengthen the Society's role as an international society for the history of technology, to identify and help non-U.S. historians of technology participate in the meetings and governance of the Society, to provide formal recognition for the work of non-U.S. historians of technology, to afford special recognition for younger non-U.S. scholars as they begin their careers, and to foster an international network of scholars in the history of technology that will benefit all members of the Society.

SHOT International Scholars shall be individuals who reside and work outside the United States, and either junior or more advanced scholars. Non-U.S. citizens currently enrolled in a U.S. graduate program will not

be eligible to become International Scholars during the time they are studying in the U.S. but are strongly encouraged to apply for the program once they leave the U.S. Appointments will be for two-year terms beginning each January. International Scholars shall be full members of the Society and receive a complimentary subscription to the Society's journal, *Technology and Culture*, during their term. They will be strongly encouraged to attend the annual meetings during their term. In addition, they will be asked to prepare a report or review essay on current developments in the history of technology in their country, or of their own work, for presentation, or publication by the Society.

SHOT International Scholars are selected in two ways. Up to seven International Scholars may be appointed by a committee administering the International Scholar Program. Individuals may be nominated, or may nominate themselves, by sending a letter and a brief curriculum vitae to EACH member of the committee listed below, along with SHOT secretary Amy Bix. In the letter, applicants should describe how their research contributes to the history of technology.

The International Scholars Committee asks all SHOT members to help identify qualified individuals for this program. Nominations should be sent to the committee chair and should include a brief statement about the individual being nominated (current status, employment, field of interest, etc.) and a FAX number or electronic mail address so the committee can contact candidates if necessary. Self-nomination is encouraged. Please send these materials to EACH member of the committee and to SHOT secretary Amy Bix. The appointment of each year's new International Scholars shall be announced at the Society's annual meeting. The 2006 Committee members are Karen Freeze, Chair, Aristotle Tympas, and Eden Miller Medina. Check the SHOT website for further details. The application deadline is April 15, 2006.

Presenters at the 2006 annual meeting of the Society for the History of Technology are invited to nominate their presentations for the **2005 Joan Cahalin Robinson Prize**. Established in 1980 by Dr. Eric Robinson in memory of his wife, the prize is awarded annually for the best-presented paper at the SHOT meeting. The Robinson Prize consists of a check for \$350 and a certificate. Those wishing to nominate themselves for the prize should submit their paper or panel proposal to

the SHOT program committee following the standard procedures in the Call for Papers. After you receive word from SHOT's program committee that your paper has been accepted for the 2006 SHOT conference, please send the Robinson Prize entry form (available as PDF or MS Word), along with an abstract of your paper and a 1-page curriculum vita to **each member** of the Robinson prize committee.

Please also send one copy of this material to the Secretary at the SHOT Office, 618 Ross Hall, History Dept., ISU, Ames, IA 50011 or shot@iastate.edu. Please be certain to confirm your status as a graduate student or a recent PhD. The deadline for the Call for Papers is **March 15, 2006**. The deadline for the committee members to receive the Robinson entry material is **July 1, 2006**. Committee members are Geert Verbong, Chair, Erik Conway, Julie Wosk, Scott Knowles, Asif Siddiqi, Per Högselius, Kathryn Steen, Matthew Wisnioski, and Tim Stoneman.

The **Edelstein Prize** is awarded by SHOT to the author of an **outstanding scholarly book** in the history of technology published during the period 2003-2005. Non-English books are eligible for three years following the date of their English translation. Previously known as the Dexter Prize, the Edelstein Prize was established in 1968 through the generosity of the late Sidney Edelstein, a noted expert on the history of dyes and dye processes, founder of the Dexter Chemical Corporation, and 1988 recipient of SHOT's Leonardo da Vinci Award. The prize, donated by Ruth Edelstein Barish and her family in memory of Sidney Edelstein and his commitment to excellence in scholarship in the history of technology, consists of \$3500 and a plaque. Publishers and authors are invited to nominate titles for this prize. To nominate a book send one copy to each of the members of the committee. The deadline for the receipt of books is **April 1, 2006**. Members of the 2006 committee are Angela Lakwete, Chair, Karin Zachmann, and Ed Russell.

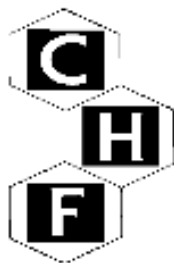
The **Sally Hacker Prize** is awarded for the **best popular book** in the history of technology published during the period 2003-2005. The prize, consisting of

\$2000 and a certificate, recognizes books in the history of technology that are directed to a broad audience of readers, including students and the interested public. To nominate a book send one copy to each of the members of the committee. The deadline for the receipt of books is **April 1, 2006**. The 2006 committee is Bruce Hevly, Chair, Howard Segal, and Emily Thompson.

The **Melvin Kranzberg Dissertation Fellowship** was established in 1997 in memory of the cofounder of the Society, and honors Melvin Kranzberg's many contributions to developing the history of technology as a field of scholarly endeavor. The \$2000 award is unrestricted and may be used in any way that the winner chooses to advance the research and writing of his or her dissertation. Possible uses include underwriting the costs of travel to archival collections, photocopying or microfilming, translation of documents, etc. The award may not be used for university tuition or fees. Students from institutions of higher learning anywhere in the world who are working on projects in the history of technology are eligible to apply. Doctoral candidates from outside the United States are especially encouraged to submit application materials. Applicants must have completed all requirements for the doctorate except for the dissertation by September 1, 2006. The deadline for application is **April 15, 2006**. The 2006 Committee members are Sara Pritchard, Chair, Atsushi Akera, Nina Wormbs, Alexander Magoun, and Ann Greene.

The **Abbott Payson Usher Prize** was established to honor the scholarly contribution of the late Dr. Usher and to encourage the publication of original research of the highest standard. It is awarded annually to the author of the best scholarly work published during the preceding three years under the auspices of the Society for the History of Technology. The prize consists of \$400 and a certificate. The 2006 Committee members are Gijs Mom, Chair, Ken Lipartito, and Barbara Schmucki.

The **Ferguson Prize** for outstanding and original reference work will be awarded again in 2007.



**Chemical Heritage Foundation
BECKMAN CENTER FOR THE HISTORY OF CHEMISTRY
2006–2007 Fellowships**

Applications must include a research proposal of no more than 1,000 words that addresses the relevance of CHF resources. The proposal should explain how the work advances scholarship and how the outcome might be published. Include a CV and arrange for two letters of reference to be sent directly to CHF. Visit www.chemheritage.org or e-mail fellowships@chemheritage.org for more details.

Academic Year 2006–2007 Opportunities

Deadline: 15 January 2006

Gordon Cain Fellowship

The Cain Fellowship is open to Ph.D. scholars who plan to conduct historical research on the development of the chemical industries. The outcome of this research should further public understanding of the relationship between technology, policy, management, and entrepreneurship and shed light on the complex development of modern society and commerce. Working with Beckman Center staff, the Cain Fellow will also organize a one-day conference, inviting scholars to discuss the subject of the fellow's research.

John C. Haas Fellowship

The Haas Fellowship is open to Ph.D. scholars whose projects will enhance public understanding of the chemical industries in relation to societal, environmental, health, and safety issues. *Two Fellowships offered.*

Charles C. Price Fellowship

The Price Fellowship is open to scholars pursuing research on the history of the chemical sciences and technologies. Preference is given to applicants with projects on the history of polymers; however, scholars interested in other fields are also encouraged to apply. The Charles C. Price Fellowship was created by friends and admirers of Professor Price.

Research Travel Grants

The Beckman Center for the History of Chemistry offers travel grants for research in CHF's Othmer Library of Chemical History and CHF's historical archives and instrument and art collections. Applicants must submit a CV, a one-page research project statement and the applicability of CHF's resources, and have a letter of reference sent directly to CHF. See our Web site or contact travelgrants@chemheritage.org for deadlines.

Summer 2006 Opportunities

Deadline: 15 February 2006

Roy G. Neville Fellowship

The Roy G. Neville Fellowship is open to historians of science, technology, and allied fields, as well as to historians of the book and print culture, bibliographers, and librarians, who will make use of the Roy G. Neville Historical Chemical Library. The Neville collection contains approximately 5,000 titles dating from the 15th to the 19th centuries and covering all aspects of the history of chemistry and allied fields. Ph.D., Ph.D. candidates, or equivalent preferred but not required. *Two Fellowships offered.*

**Société de Chimie Industrielle
(American Section) Fellowship**

The Société Fellowship is designed to stimulate public understanding of the chemical industries. Applications are encouraged from writers, journalists, educators, and historians of science, technology, or business. The fellow will spend three months in residence at CHF during the summer of 2006. Multimedia, popular book projects, and Web-based projects are encouraged. Applicants must specify how the outcomes of their project will reach a broad audience.

Glenn E. and Barbara Hodsdon Ulyot Scholarship

The Ulyot Scholarship sponsors historical research that promotes public understanding of the chemical sciences. Applications are invited from scholars, graduate students, science writers, and journalists. The fellow will spend a minimum of two months in residence at CHF during the summer of 2006.

**Send inquiries and applications to: Fellowship
Coordinator, Chemical Heritage Foundation, 315
Chestnut Street, Philadelphia, PA 19106-2702
Phone: 215-925-2222 Fax: 215-925-6195
E-mail: fellowships@chemheritage.org**



Make plans now to attend the

SHOT

Annual Meeting

in

Las Vegas, Nevada

October 12-15, 2006



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Department of History
Iowa State University
618 Ross Hall
Ames, IA 50011-1202

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