

SECRETARY'S MESSAGE

Happy New Year to everyone! Starting a new calendar provides a good opportunity to take stock of recent developments within SHOT, as well as to make some plans (resolutions?) for the future.

Although we have a lot of work still ahead to achieve our goals for expanding the SHOT website, we've already added a few interesting new features. For those of you who weren't able to attend the SHOT awards banquet in Amsterdam, you can now read the citations for all of this year's winners through links on each prize page. There are also links to photographs of award winners accepting their prizes. You can find numerous other photographs from Amsterdam by clicking on links in the "annual meetings" section of the website. Many thanks to the talented individuals who took these photos, which capture some of the lively flavor of our plenaries, paper sessions, the banquet, tours, and (most vividly) the late-night dance. It's great fun to spot familiar faces in these pictures. Elsewhere on the website, we've revamped the web pages for the fundraising effort formerly known as the Campaign for SHOT, now officially the Editorship Endowment. Among other details, you can now mark your donations as given in someone's honor or in someone's memory, and we will acknowledge them as such.

While you're checking out the citations on each prize page, please take a moment to remind yourself about all the prizes SHOT offers. Deadlines for applications or nominations for most SHOT prizes are coming up relatively 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 encourage you to consider applying for the SHOT awards geared toward junior scholars. If you know people who fall into this category, please help spread the word about these prizes. We're also always interested in receiving

good nominations for SHOT International Scholars, for the da Vinci Medal, and for possible candidates to run for election to SHOT offices. You can find more information about all this both on the SHOT website and in this issue of the newsletter. In the area of more long-range planning, please also give some thought to the invitation for suggestions from SHOT's committee in charge of organizing our fiftieth anniversary.

Let me finish here by giving my thanks to our outgoing president, David Hounshell, who's done a wonderful job of advancing many SHOT initiatives over these last two years. Of course, David will remain a key part of SHOT leadership (as chair of our awards committee and a

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**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

member of SHOT's Executive Council), and he is especially dedicated to plans for continuing to improve SHOT's website. It's a pleasure to welcome SHOT's new president, Rosalind Williams, and our new vice-president, Steve Usselman, to the official beginning of their terms in office. They're poised to do a terrific job of guiding SHOT through an exciting period, including the development of many new projects and the celebration of our golden anniversary. Speaking of terrific, check out Roz's president's column in this newsletter – it's a powerful, eloquent statement reminding us of what's really important at this time.

*Amy Sue Bix
Iowa State University*

SOCIETY NEWS**2005 Annual Meeting Call for Papers
History of Technology**

The Society for the History of Technology will hold its annual meeting in Minneapolis, Minnesota, November 3-6, 2005. This year's SHOT meeting is co-located with the History of Science Society. We hope members of both societies will take advantage of this opportunity to explore topics that cut across disciplinary boundaries in ways that could benefit both HSS and SHOT scholarship. **Please note that applicants should submit proposals to one organization (SHOT or HSS) only.**

Conference web site:

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

The Program Committee is seeking proposals for both individual papers and complete panels. In particular, the committee welcomes proposals from those new to SHOT who believe that an engagement with history can help their own work, regardless of discipline. **The deadline for proposals is March 15, 2005.**

Because the 2004 meeting was held outside the U.S., those who participated at SHOT-Amsterdam are eligible to participate at Minneapolis.

SHOT proposal 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. You may both propose a paper and comment on or chair a session.

Themes

The Committee wants to make clear that proposals on any topic are welcome. This year we are particularly interested in attracting proposals that focus on the following themes, all broadly defined:

1. Theory, Methodology, and Historiography
2. Technologies of the Everyday: Users and Use
3. Food Technology or Technology and Food

We are interested in session proposals that team established and younger scholars, or scholars who would not ordinarily work together; we especially would like proposals that included scholars from disciplines and sub-disciplines not ordinarily partnered with History of Technology. Multinational, international, and cross-institutional sessions are also desirable.

Again, papers and sessions that take advantage of the co-location with History of Science Society are encouraged.

We also are seeking individual paper proposals for “works in progress” sessions from both junior and senior scholars (including graduate students, chaired faculty, and independent scholars) who would benefit from a less formal presentation, no formal comment, and greater than normal audience participation. Please indicate specifically if you are submitting a proposal for these sessions.

The committee wants to encourage non-conventional sessions, that is, presentation formats that vary in useful ways from the typical three/four papers with comment. For example, sessions in which there is no formal comment; sessions at which the presenters do not read their papers but give less formal presentations followed by extensive audience participation; workshops, roundtable discussions, or other “experimental” arrangements. If any special

requirements are anticipated, please include that in the proposal, though these should be kept to a minimum.

Paper abstracts, whether part of a panel or individual submission, should clearly indicate the specific topic, argument(s) made, and evidence base used. Panel abstracts should clearly state how individual papers contribute to the session's overall theme.

Panel proposals that are sponsored by any SHOT Special Interest Group should clearly indicate this.

Proposals for individual papers must include:

- 1) a one-page abstract;
- 2) a one-page curriculum vitae.

Proposals for complete sessions must include:

- 1) a description of the session's theme;
- 2) a list of the presenter's names and paper titles;
- 3) a one-page abstract and one-page c.v. for each of the presenters;
- 4) 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).

This year, submissions to the SHOT Annual Meeting will be handled electronically; please see <http://www.shotprogram.org> for submission procedures and instructions.

For questions about the program themes, submission guidelines, or any other aspects of the Call for Proposals, please email Dan Holbrook, Program Committee Chair, at: holbrook@marshall.edu

SHOT's Fiftieth Anniversary

At the 2007 meeting in Washington, D.C., and the 2008 meeting in Lisbon, SHOT will be celebrating its 50th anniversary. To plan for the celebration, SHOT's 2003-2004 president, David Hounshell, named an ad hoc committee chaired by Bob Post and Steve Cutcliffe. The other members of the planning committee are Hans-Joachim Braun, Ruth Schwartz Cowan, Deborah Douglas, Bruce Seely, and Arthur Molella, who will provide liaison with the 2007 local arrangements committee, which he chairs. (When a 2008 local arrangements chair is named s/he will be added to the committee.) Ex-officio members of the committee are

SHOT's president, vice president, and secretary: Rosalind Williams, Steven Usselman, and Amy Sue Bix. The committee will be meeting in Washington, D.C. this spring, charged with presenting to the executive council, for its discussion, a set of proposals and plans for the anniversary celebration.

Steve and Bob are very anxious to draw the SHOT membership as a whole into the process of formulating these proposals and plans, and are inviting members to suggest ideas to anyone on the committee--ideas for an overall theme or themes (2007 as a look at the present and the past; 2008 as a look at the present and the future); ideas about sponsorship; ideas for program sessions and publications to appear both before and after the meetings; ideas for performances, special events, and memorabilia, and so on. The committee's formal commission from the executive council includes the phrase "no holds barred" and the observation that the activities it promotes could have a significant effect on the society's directions for its next fifty years. So, please think carefully and imaginatively about this matter and pass your ideas along to Bob rpost@intercom.net or Steve shc0@lehigh.edu or anyone else on the committee.

SHOT PRIZES FOR 2005

The SHOT prizes will be awarded at the annual meeting in Minneapolis November 3-6, 2005. For details on submitting nominations for the SHOT prizes, see the web site at www.shot.jhu.edu or contact the Secretary's office: shot@iastate.edu or 515-294-8469.

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 2005 Committee members are David Hounshell, Chair, Suzanne Moon, Karin Zachmann, Henrik Björck, Graeme Gooday, Howard Segal, Mary Ann Hellrigel, and Erik Conway.

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, 2005**.

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 2004. 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 2004 prize. Please send a copy of the paper to EACH member of the prize committee by **April 15, 2005**. The prize consists of a cash award of \$500 and a certificate. The 2005 Committee members are Mary Ann Hellrigel, Chair, David Hochfelder, and Slava Gerovitch.

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 Secretary, Amy Sue Bix, 603 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, 2005**. The award consists of \$400 and a certificate. The 2005 Committee members are Henrik Björck, Chair, Christopher McKenna, and Carolyn Goldstein.

The Society for the History of Technology invites applications for the **Brooke Hindle Post-Doctoral Fellowship** in the History of Technology for 2005-2006. 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, 2005 and August 31, 2006. 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 15, 2005**. Committee members are Karin Bijsterveld, Chair, Bev Sauer, and Roger Launius.

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 2005 Committee members are Aristotle Tympas, chair, Dong-Won Kim, and SHOT Office/Amy Bix. Check the SHOT website for further details.

SHOT **Travel Grants** provide travel assistance to the meeting in Minneapolis in November 2005. Applicants should know that SHOT travel grants are not intended to provide the full costs associated with attending the society's annual meeting; they are intended as an encouragement, not a full subsidy. The program is focused on graduate students, independent scholars, and young professionals just beginning their careers who plan to attend the annual meeting. Others who are eligible include the Society's International Scholars. The travel fund was initiated by Hugh Aitken in 1988 and has been supported by individual SHOT members, royalties from two anthologies of articles from *Technology and Culture*, and generous contributions from the Dibner Fund. Additional funds come from the National Science Foundation. The Committee should have applications by **June 1, 2005**. The Secretary will notify recipients by approximately July 20, 2005. Committee members are Rayvon Fouché, Chair, Mary Thomas, Hans-Luidger Dienel, Amy Sue Bix.

Presenters at the 2005 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 2005 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: SHOT Office, 633 Ross Hall

History, 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, 2005**. The deadline for the committee members to receive the Robinson entry material is **July 1, 2005**. Committee members are Erick Conway, Chair, Julie Wosk, Scott Knowles, Mark Findlay, Ann Johnson, Geert Verbong, and Asif Siddiqi.

The **Edelstein Prize** is awarded by SHOT to the author of an **outstanding scholarly book** in the history of technology published during the period 2002-2004. 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, 2005**. Members of the 2005 committee are Karin Zachmann, Chair, Leonard N. Rosenband, and Angela Lakwete.

The **Sally Hacker Prize** is awarded for the **best popular book** in the history of technology published during the period 2002-2004. 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, 2005**. The 2005 Committee members are Howard Segal, Chair, Joyce Bedi, and Bruce Hevly.

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, 2005. The deadline for application is **April 15, 2005**. The 2005 Committee members are Atsushi Akera, Chair, Glenn Bugos, Thomas C. Lassman, Nina Wormbs, and Sara B. Pritchard.

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 2005 Committee members are Suzanne Moon, Chair, Robert Fox, and Giji Mom.

The **Eugene S. Ferguson Prize** for outstanding and original reference work that will support future scholarship in the history of technology will be awarded for the first time at the SHOT Annual Meeting in Minneapolis, Minnesota November 3-6, 2005. The Ferguson Prize will recognize work that is in the tradition of scholarly excellence established by Eugene S. Ferguson (1916-2004), SHOT's pioneering bibliographer, a founding member of the Society, museum curator and exhibit catalog author, editor, annotator, university professor, and scholar of the history of engineering and technology. The prize consists of a plaque and a cash award of \$2500.

Submissions and nominations for the following types of reference and scholarly works and tools will be considered for the Ferguson Prize: bibliographies, biographical dictionaries, critical editions of primary source materials in English, exhibition catalogues, guides to the field of the history of technology, historical dictionaries and encyclopedias, subject guides to archival repositories and library sources, topical atlases, translated works (into English) with substantial annotation and other scholarly apparatus, and works that extend beyond the printed text (CDs, World Wide

Web sites, electronic databases and tools) but still exhibit a degree of permanence similar to that of books.

Works published in the four calendar years prior to the year of the award are eligible for consideration. Publication date shall be interpreted as the year in which the work to be considered first appeared (i.e. first edition, first issuance, first availability, first uploading to the World Wide Web, etc.)

All works considered must be in English.

The Ferguson Prize will be awarded every other year. Winners will be selected by a prize committee constituted similar in structure and membership to other major SHOT prizes.

Publishers, authors, and SHOT members are invited to nominate titles for this prize. To nominate a book, catalogue, etc. please send one copy to each of the committee members listed below. To nominate a work in alternative form (CD, website, database) please contact committee chair Merritt Roe Smith. The deadline for receipt of books and other nominated material is **April 1, 2005**. The 2005 Committee members are Merritt Roe Smith, Chair, Ruth Schwartz Cowan, and Carlene Stephens.

For the inauguration of the Eugene S. Ferguson Prize, SHOT and its Ferguson Prize Committee reserve the right to make a special, one-time retrospective award to a model work published or issued since the founding of the Society for the History of Technology (1958) that fits the criteria of the Ferguson Prize. Only works produced by currently living individuals or groups are eligible for consideration. For more information about nominating a publication or other eligible work for this retrospective award, please contact the Secretary's office.

SHOT 2009

SHOT's Sites Committee is seeking proposals from scholars and institutions within North America to host the SHOT annual meeting in the fall of 2009. Interested parties should email a letter of intent to the Sites Committee by October 1, 2005; the letters indicate an intention to host the annual meeting, but are not binding. After the Sites Committee and

Executive Council select from among the parties who have submitted letters of intention (at the 2005 annual meeting), the tentative host will submit a more formal and binding proposal. The letters should briefly outline the local institutional support, the members of a local arrangements committee, possible hotel and meeting accommodations, possible tours with history of technology themes, and proposed dates. Potential hosts are encouraged to contact the Sites Committee well in advance of the deadline to obtain suggested guidelines for the letter and to discuss any questions about the selection process in more detail. Contact Manuel Heitor at the Technical University of Lisbon, mheitor@ist.utl.pt or Kathryn Steen at Drexel University, steen@drexel.edu. It is also not too early to consider 2010, and we encourage inquiries from potential hosts for 2010 as well. Geographically, preference for 2009 would go to locations in the "middle" of North America and to locations in the "west" for 2010.

WITH Travel Award

The SHOT Special Interest Group "Women in Technological History" [WITH] has created a special new travel grant for the annual SHOT meeting. The WITH Travel Award seeks to encourage the intellectual wealth brought by underrepresented perspectives and/or by scholarship treating modes of difference including but not limited to gender. This award aims to help raise the interest of scholars and graduate students from constituencies underrepresented in SHOT -- whether from countries outside Europe and the US, or minority voices in more familiar places -- and foster the exchange of ideas between cultures. It will help broaden the intellectual scope of our field by supporting papers that especially consider questions of gender and ethnicity in the history of technology.

The award will pay for conference registration (including a year's membership to SHOT), WITH breakfast or lunch, grad student breakfast (if appropriate) and awards banquet; any remaining funds will be available for travel expenses.

The award shall be granted to individuals who are giving a paper at the annual meeting. In order of priority the award will be granted to:

(1) a scholar or graduate student new to SHOT who represents a group underrepresented in SHOT and whose

paper addresses issues of gender, race or ethnicity in the history of technology;

(2) a non-US, non-western graduate student or scholar new to SHOT presenting on any topic.

The application deadline for the WITH Travel Award will be **June 1, 2005**. For more information about the WITH Travel Award, please see the SHOT Travel Grants webpage:

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

NEWS OF MEMBERS

NEW YEAR'S GREETING WITH AN EYEWITNESS ACCOUNT FROM SRI LANKA

Arne Kaijser, Executive Council

Here I send you a New Years Greeting with an unusual content.

The memory of 2004 will for me forever be dominated by the events during the last few days. For many years my family has been talking about making a trip to Asia, and finally it became a reality. On December 16th we, that is my children Anna, 23, Björn, 20 and Per, 15 and my wife Ulrika and I, flew to Sri Lanka for a two-week holiday. We stayed at a lovely hotel on the beach about 100 km south of Colombo. And we also made a number of tours exploring the country.

Sri Lanka is a wonderful country. The landscapes are extremely beautiful, with wonderful sandy beaches along the coasts, an intense rice cultivation on the plains close to the coast, and a dramatic hilly region in the central parts with tea plantations and forests. The people we met were friendly, generous and graceful. The island is a cultural mix with Buddhists, Hindus, Muslims and Christians and there are many beautiful temples, mosques and churches.

For 20 years the country has been suffering from the armed conflict between the Tamil minority and the Singalese majority, but in 2003 a cease-fire was reached and the country has in the past two years gradually come back to more normal conditions. Not

least the important tourism industry has experienced a strong revival.

We spent the Christmas days at our hotel, the first Christmas for more than twenty years that we have not celebrated in Stockholm. Actually we enjoyed not to have made all the usual preparations for once. The hotel prepared a wonderful Christmas dinner on Christmas Eve and we ended the evening by taking a moonshine bath in the Indian Ocean!

However, our stay in Sri Lanka ended very differently than we had imagined. On December 26th we took a slow morning. Björn and Anna had suffered from stomach disease the previous night and Per had gotten a bad cold. When we left the restaurant after a late breakfast we suddenly experienced how sea waves came very high and flooded into the hotel garden, which was about 5-6 metres above the normal sea level. After a few minutes the water gently floated back again. Everybody, also the local people, were all very surprised about what had happened. We did not realize that it was a kind early warning, and started cleaning the hotel garden from the rubbish that had come up from the sea.

About 20- 30 minutes later we suddenly realized that a new wave was coming. This one was even higher than the previous one. We rushed to our two rooms on the bottom floor, to try to pick up some valuable items. The seawater broke through the glass doors towards the garden and flowed into the rooms. Ulrika did not get out of our room in time and got stuck. The door towards the corridor was going inward and Ulrika and I had to use all our joint strength to open it sufficiently for her to get out - a really scary moment. Then we rushed together with our children to the stairs to the second floor of the building, where we were in safety for the time being.

The next hours we could follow the drama together with the other hotel guests and the staff from the verandas of the second floor of the hotel. About every twenty minutes a new wave came flushing through the hotel building. Our hotel was situated on a kind of peninsula with the sea on the one side and a river on the other. One or two minutes after a wave came in from the sea, an enormous flood wave would float up-streams in the river, and a few minutes later the water would come down-streams. Gradually the river was filled with floating furniture, roofs, damaged boats and other items.

The water forces on our narrow peninsula were tremendous and after some time we realized that a new river outlet had been formed about 100 meters from the hotel, and this meant that we were now stuck on an island. The hotel building seemed solidly built, but it was difficult to estimate if the intermittent flows through the bottom floor were damaging the building. It became clear that an evacuation was necessary, and with the help of two rather small motorboats the guests and staff were transported over the river in the times between the up- and down-going floods. Luckily the evacuation was successful and completed by sunset.

Our travel agency guides made a tremendous effort in the following days. First they helped us to a little restaurant where we had dinner. Local people were very friendly and a man offered us to sleep in his house. As our children were still weak after the stomach disease we were very grateful for this offer. At 4 p.m. we had to get up and take a bus to Colombo, and we reached the capital after a rather long tour on small roads off the coast. In Colombo we and a few hundred other tourists were taken care of at a big exhibition hall. We were all given a mattress to sleep on and we were served food three times a day. There was also medical service and a doctor gave treatment for his illness. Our "refugee camp" was organized by the Sri Lanka Tourist Bureau, and they were incredibly nice to us. We felt a bit awkward about all the resources devoted to us, as we started to realize the magnitude of the catastrophe and the huge needs for aid all over the country.

We had the opportunity to watch TV and to talk to tourists coming from other places and we heard many scary stories. For example, a Swedish couple had taken a train to the south along the coast. The train had been struck by the flood and flushed away. Miraculously the couple got off the train and survived, but more than thousand passengers on the train were reported dead. This story was particularly shaky for us, as Anna, Björn and I had made exactly the same train trip two days earlier. We heard many other stories all describing the terrible force of the flood waves. We now realized that we had been lucky that our hotel was located on the West Coast of Sri Lanka. This meant that we did not receive the full force of the tsunami like they did only fifty kilometers to the south of us.

On Tuesday evening, only two and half a day after the flooding started, we were transported to the airport and put on a plane to Sweden, where we arrived early Wednesday morning. This was the first flight coming back with tourists from Sri Lanka, and there were many doctors, psychologists and journalists waiting for us. But we just took a taxi home. It was an enormous relief to be back in safety all the five of us.

However, we had very mixed feelings having left so many suffering people behind us. While we were still in Colombo, Anna wrote an appeal, which was signed by many of the Swedish tourists at the "refugee camp", describing the situation and urging the Swedish people and government to immediately send help to Sri Lanka. She went to an Internet café and sent it to a number of Swedish newspapers. On Wednesday morning it was published in Svenska Dagbladet, one of the major Swedish newspapers. Anna was also interviewed by a TV-station on Wednesday afternoon, and on Thursday morning Anna and I participated in a breakfast TV-program discussing the situation in Sri Lanka with the Swedish minister for foreign aid. What we tried to get across was the huge magnitude of the catastrophe and we urged the TV-spectators to donate money.

And today we will spend the day writing to our dear friends in Sweden and over the world asking them to assist the victims of the catastrophe. The magnitude of it is almost impossible to realize. Only in Sri Lanka, about 30 000 people are estimated to have been killed so far, and about 1 million people, out of population of 20 million, have lost their homes. They need clean water, food, medicine and shelter and they need it NOW. And Sri Lanka is only one of the many countries that has been hit. It will take time before governments, the UN and other such organizations will act. I believe that the Red Cross and some other international organization of a humanitarian kind will have a key role in the first relief phase. And these organizations need money urgently, very much money.

So dear friends, please, please do whatever you can to help. I am sure you have already donated money, but maybe you can make an additional contribution. And please contact your family, your friends, neighbours and your local organisations (from sports clubs to churches) and ask them to make donations as well.

My family and I happened to become eyewitnesses of the largest catastrophe since WWII and we are deeply

affected by it. We are immensely grateful to have survived and to be safe back at home. But we feel deep sorrow for the millions that are now mourning their dear ones and trying to survive.

This experience has also made us realize the importance of family and friends. I am happy to count you not only as a colleague, but also as a friend. I wish you all the best for 2005.

PRESIDENT'S MESSAGE

Rosalind Williams

On the morning of December 31, after a leisurely breakfast, I sat down to write my first "note from the president" for the SHOT Newsletter. I first checked my email inbox (a morning ritual for many of us, I'll bet) and found this message from Arne Kaijser, a member of the SHOT Executive Council, sent to fellow Council members. As soon as I began reading and realized that he and his family had been in south Asia on December 26, my heart seemed to stop beating. I read on in panic until I comprehended they had escaped from the catastrophe and were back home safely. But, as Arne reminds us, we must think of the devastation left behind in Sri Lanka and other lands rimming the Indian Ocean. My heart seemed to slow down again, as I thought of the people who are not back home, and never will be, and of the homes that no longer exist for those who escaped only with their lives.

Arne's email was a command that told me what to write about for this issue of the SHOT Newsletter. It made me reconsider the significance and purpose of our Society. At the end of the email, Arne reminds members of the Executive Council that we are friends as well as colleagues, and underscores the importance of friends and family in our lives. There are many scholarly organizations in the world, but on how many of them do members of the governing board truly consider themselves friends as well as colleagues? And on how many of them do members recall for years afterwards their good times at annual meetings--that party in London, that after-hours suite in Atlanta, that dance in Amsterdam? Of course we do business when we get together, but financial and administrative matters never entirely dominate. Human connections do.

The ties that bind us together are real and meaningful. In many cases, they would never have been made except for SHOT. If there is anything I wish for the next fifty years of SHOT, it is that the organization will continue to make such friendships happen. This is not only because friends (and family) are what matter in life. It is also because our scholarly work depends upon these ties, which are simultaneously social and intellectual. Expanding the reach and strength of these ties--what we often refer to as the internationalization of SHOT--is vital to the future of the history of technology. Expanding and strengthening human connections will inevitably expand and strengthen our standard ways of defining problems, of doing research, and of framing concepts.

Who we are cannot be separated from what we do. Our human relationships affect our thinking. As historians of technology, we are subject to the same principles we apply to others: the history of technology, like technology itself, is socially constructed.

Coming as it does from Stockholm, Arne's message reminds us how much SHOT has expanded from its North American region of origin in its first fifty years, especially to northern Europe. Yet in other ways this message reminds us how far SHOT has to go to becoming a truly global organization. First, it is written in English: as Arne himself, speaking in Swedish, reminded us so dramatically at the Amsterdam meeting, the language of our discussions carries a message about technology. Second, his message educates us about Sri Lanka, a part of the world that is remains unfamiliar to most SHOT members and remains relatively unstudied in the history of technology.

Arne thoughtfully describes the religious and cultural mix of Sri Lanka, its full moon and forests, its tea and rice plantations, its ethnic struggles, and its tourist industry. What a wonderful world this is, a complex built world that is a marvel of human ingenuity and inventiveness; a "second nature" of layer upon layer of systems at once technological and social, shaped by history and shaping history. SHOT members will inevitably consider what Arne's description suggests about the history of technology more generally, and they will inevitably make connections between it and their own research. That is why during the next fifty years--it will take at least that long--SHOT must continue to extend its social network throughout the planet. Only by

doing so can we extend our thinking, because the social network is also an intellectual one.

Arne's message also reminds us of the fragility of the built world, no matter how marvelous and complex. When first nature reasserts itself, it can create a temporary but powerful "disaster utopia." The destruction of the technological may clear the way for a renewed appreciation of the non-technological. A new awareness of social ties and common purposes may lead to a flowering of good will and generosity (such as we see in Arne's and his daughter Anna's moving pleas for financial support for relief efforts). Many people have expressed the hope that the tsunami catastrophe, because of the massive wake of its destruction, will foster a new global sense of community. Some point to the influence of technological networks that brought eyewitness accounts and vivid images to the entire planet within days or even hours (in contrast, it took two weeks for news of the 1755 Lisbon earthquake to reach Paris).

SHOT members, who are unusually alert to the fallacies of technological determinism, may be skeptical that communications networks will of themselves produce global solidarity. Any historian has to be wary of utopian visions: if there is an emerging global community, it faces severe challenges in continuing historical forces such as state power and ethnic struggles, not to mention old-fashioned greed.

But Arne's message provides a glimpse of what a global civil society might look like and what it might accomplish. This glimpse reminds us that a global community can emerge only from the proliferation of human-scale communities where individuals create connections of friendship and collegiality through shared ideas, values, and purposes: communities like SHOT.

Also

Members of SHOT should take special notice of the following program solicitation from the National Science Foundation, calling for proposals relating to Ethics Education in Science and Engineering (ESEE). In many cases, proposals to improve ethics education for graduate students in science and engineering would benefit from the participation of historians of technology. SHOT members might want to explore the use of case studies, historical analogies, and other such approaches as part of a proposal to the NSF. SHOT

members who want to respond to this proposal should begin by working with their home institutions and/or professional networks. If they wish to involve SHOT as an institutional partner, they should notify SHOT Secretary Amy Bix as soon as possible, with a reasonably detailed outline of what SHOT would be asked to contribute. Any such requests for collaboration would have to be discussed soon, since the **deadline for submission of a full proposal is March 10, 2005**. We hope that some of our members will consider responding to this solicitation, keeping SHOT in mind as they do so.

Rosalind Williams

NSF Funding Competition

NSF announces a new funding competition, on the subject of Ethics Education in Science and Engineering. The NSF solicitation number is 05-532, and it can be found at:

<http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05532>.

Potential applicants should read this material carefully. Note particularly the limits on eligibility.

Updates about the competition and its requirements will be posted at the Ethics Education in Science and Engineering link at:

<http://www.nsf.gov/home/crssprgm/>. Please check from time to time.

Here are the synopsis and list of cognizant program officers:

Synopsis of Program:

The Ethics Education in Science and Engineering (ESEE) program considers proposals for research and educational projects to improve ethics education in all of the fields of science and engineering that NSF supports. For this year, proposals must focus on improving ethics education for graduate students in those fields, and on ethical issues that arise in research or graduate research education in those fields, particularly in interdisciplinary or inter-institutional contexts.

Cognizant Program Officer(s):

Rachelle D. Hollander, Senior Science Advisor,
Directorate for Social,
Behavioral & Economic Sciences, 905 N, Phone: (703)
292-7272, Fax: (703)
292-9083, Email: rholland@nsf.gov

Susan C. Kemnitzer, Deputy Division Director
(Education), Directorate for
Engineering, Division of Engineering Education &
Centers, 585 N, Phone:
703) 292-5347, Fax: (703) 292-9051, Email:
skemnitz@nsf.gov

Barbara Olds, Division Director, Directorate for
Education & Human
Resources, Division of Research, Evaluation &
Communication, 855 S,
Phone: (703) 292-8650, Fax: (703) 292-9046, Email:
bolds@nsf.gov

Fred Stollnitz, Program Director for Cross-Directorate
Activities,
Directorate for Biological Sciences, Division of
Integrative Organismal
Biology, 685 S, Phone: (703) 292-7868, Fax: (703)
292-9153, Email:
fstollni@nsf.gov

Caroline E. Wardle, Senior Science Advisor,
Directorate for Computer &
Information Science & Engineering, Division of
Computer and Network Systems,
1160 N, Phone: (703) 292-8950, Fax: (703) 292-9010,
Email:
cwardle@nsf.gov

Ephraim P. Glinert, Program Director, Directorate for
Computer & Information
Science & Engineering, Division of Information and
Intelligent Systems, 1125
S, Phone: (703) 292-8912, Fax: (703) 292-9073,
Email: eglinert@nsf.gov

Robert L. Norwood, Program Director, Directorate for
Engineering, Division
of Engineering Education & Centers, 585 N, Phone:
(703) 292-7079, Email:
rnorwood@nsf.gov

John P. Perhonis, Associate Program Director,
Directorate for Social,
Behavioral & Economic Sciences, Division of Social
and Economic Sciences,
995 N, Phone: (703) 292-7279, Fax: (703) 292-9068,
Email:
jperhoni@nsf.gov

Matthew J. Bauer, Science Assistant, Directorate for
Social, Behavioral &
Economic Sciences, Division of Social and Economic
Sciences, 995 N,
Phone: (703) 292-7053, Email: mbauer@nsf.gov

SHOT 2005 BUDGET

2005 Budget Proposal for Operations Account (Condensed; approved at Fall 2004 Annual meeting in Amsterdam)

Budget 2005

Income

Unrestricted income

Advertising—newsletter	\$300
Memberships	\$80,000
Copyediting subvention from JHU	\$7,500
Subscriptions	\$100
Unrestricted donations	\$1,000
Investment income distributed for operations	\$20,912
<u>Total Unrestricted income:</u>	<u>\$109,812</u>

Restricted income

Investment income distributed for operations	\$19,232
Donations	\$25,750
Grant: from NSF—to support travel	\$12,125
Publication royalties	\$300
<u>Total Restricted income:</u>	<u>\$57,407</u>
Total Income	\$167,219

Expenses

Unrestricted Expenses

Ann. Mtg. (Program committee, general expenses)	-\$2,250
Secretariat (Newsletter, support staff, insurance, web design, etc.)	-\$38,100
Treasurer (Accounting, tax prep. fees, etc.)	-\$6,100
T&C Endowment Development Committee	-\$1,000
Executive Council—Spring meeting	-\$5,500
T&C (Copyediting, book review, some publishing expenses, etc.)	-\$27,250
Fundraising activities	-\$5,000
Society Memberships (ACLS, AHA, ICOTECH, etc.)	-\$3,350
Contingency/Miscellaneous	-\$1,500
Fiftieth Anniversary planning	-\$5,000
Support for Boutique Conferences	-\$10,000
Writing Workshop	-\$2,500
SHOT "Gift" to Endowment	-\$5,000
<u>Total Unrestricted Expenses</u>	<u>-\$112,550</u>

Restricted Expenses

Travel Grants	-\$27,125
Prizes	-\$20,100
Special Projects (AHA pamphlets, exhibit reviews, etc.)	-\$6,500

SIG Reimbursement	-\$900
<u>Total Restricted Expenses</u>	<u>-\$54,625</u>

Total Expenses (Unrestricted + Restricted): -\$167,175

Total Income—Total Expenses: \$44

Note: T&C endowment income and expenses are included in a separate account and are not listed in this budget.

SHOT depends on substantial contributions of resources that are not reflected on this budget. For example, Johns Hopkins University Press provides a subvention for copyediting T&C, and The Henry Ford, University of Detroit Mercy, and Iowa State University generously provide office support and physical space for the staff needed to produce T&C and to maintain the secretary's office. All told, these contributions add up to about \$160,000 annually, nearly the same as SHOT's entire budget. SHOT is also extremely grateful for considerable grants from the Dibner Foundation (\$25,000) and the National Science Foundation (\$12,125) as well as the donations made by individuals (listed in the budget). Without these contributions of funds and resources, SHOT would be unable to pursue its professional goals.

Richard Hirsh

ANNOUNCEMENTS

The Spectacle of Technology Hagley Fellows Conference, March 19, 2005 Hagley Museum and Library, Wilmington, Delaware Keynote Speaker: Stuart W. Leslie

The Hagley Fellows at the University of Delaware are pleased to announce "The Spectacle of Technology," the 2005 Hagley Fellows Conference. Stuart W. Leslie of the Johns Hopkins University will give the keynote address at this one-day conference.

The conference will explore technology as a spectacle from an historical perspective. We conceive the topic broadly to incorporate all aspects of the human relationship with large-scale, remarkable, complex, highly technical, or otherwise extraordinary technological systems. What technologies are perceived to be spectacular, as opposed to everyday, hidden, or unremarkable technologies? Which technologies have been viewed as popular, interesting, or accessible; and which technologies are considered arcane, difficult, or complex; and to whom? And how do these perceptions of technologies' spectacle affect their development, marketing, use, and transmission? Examples of topics include: the "technological sublime;" tourism; expert subcultures ("geekery"); amusement parks; anatomical theatres; entertainment technologies (both public and private); and the public perception or reception of new technologies.

To download a registration form, please visit:

<http://www.hagley.lib.de.us/conferences.html> or
<http://www.udel.edu/History/hist/text/hagleyframe.html>.

In addition, you can request a registration form via email at:
hagley.fellowsconference@gmail.com.

We hope that you will join us for this exciting one-day conference at the Hagley Museum and Library.

DISSERTATION/THESIS HELP

Let freelance editing pro for univ. presses ease the pain of diss/thesis writing. Work by phone or email.
941-795-2779 or email pollyk1@msn.com. We
might even have fun!

Burndy Library

The trustees of the Burndy Library are pleased to announce the appointment of Philip N. Cronenwett as Director of the Library, effective October 2004. Trained as a medieval historian, Dr. Cronenwett comes to the Burndy after a distinguished twenty-four year career at Dartmouth College. For several years, he was the Special Collections Librarian and Curator of Manuscripts at the Dartmouth College Library; most recently he was the College's Associate Director in the Office of Leadership Giving. He was closely involved with the Book Arts Program at Dartmouth, having managed the intensive Book Arts Summer Workshop as well as the academic year student workshop. Dr. Cronenwett has served as President of the New England Archivists and Chair of the International Polar Libraries Colloquy; he was a trustee of the American Printing History Association, and he has participated in a variety of activities with the Research Libraries Group. He is the author of *The Spiral Press: A Bibliographical Checklist* (2002), and numerous essays and reviews in library history, the history of the book, and the history of the Polar Regions. His current research relates to British science in the late 19th century Arctic.

More information about the Burndy Library can be found at:

<http://dibinst.mit.edu/BURNDY/BurndyHome.htm>

History of Science Society

The 2004 **Price/Webster Prize** Committee enthusiastically and unanimously awards this year's prize to Scott Knowles and Bill Leslie for their article, "'Industrial Versailles': Eero Saarinen's Corporate Campuses for GM, IBM, and AT&T." In an essay that is as sleek and elegant as the quintessentially modern buildings they examine, Knowles and Leslie enrich our understanding of the complex relationship between architecture and science. They demonstrate the power of the post-war ideology of science-based corporate research, and they document the failings of that ideal amid the real world of nuts, bolts, bricks, glass, and quarterly reports. Their article skillfully draws upon a wealth of sources, from project statements and design iterations to architectural reviews, photographic portfolios, the buildings themselves, and the recollections of those who worked within them. Their

work illuminates a crucial period of change in the relationship between science and industry in America, and it thereby helps us understand not only the past, but where we are today.

European Society for the History of Science

The European Society for the History of Science held its first conference in Maastricht, Holland, from 4 to 6 November 2004. The conference, on "Science in Europe - Europe in Science: 1500-2000", was organized jointly by the Dutch society Gewina and the ESHS. Bringing together scholars from over a dozen European countries, it set the pattern for major international meetings every two years, each organized in collaboration with a national society or other national body. At the General Assembly of the ESHS, held during the Maastricht conference, preliminary plans for the society's next major conference and General Assembly were approved. This conference will take place in Cracow, Poland, in September 2006. Further details will be available in due course.

The annual membership fee for the society is 20 euros (£14.50) for Individual Members, 100 euros (£72.50) for Institutional Members and Friends, and 200 euros (£145) for Supporting Members.

The society publishes an electronic newsletter three times a year. The newsletter's editor, Simon Werrett, would be pleased to receive news and information about forthcoming events relevant to the history of science in Europe. Contact: werrett@u.washington.edu. Information about the ESHS, its newsletter, and its other activities, which are expected to include occasional meetings in addition to its main conferences, is available on its website at <http://www.eshs.org>.

Bakken Artifacts Now Accessible Online

The Bakken Library and Museum announces the availability of a new online database of its outstanding collection of artifacts relating to the history of electricity and magnetism and their uses in medicine and the life sciences. Records for approximately 90% of The Bakken's unique collection of roughly 2,000 artifacts have been entered into the database along with images of almost every item. The information provided typically includes description, remarks, and an image, as well as materials, date, size and weight, and a list of accessories.

The database is located at:

<http://thebakken.org/artifacts/database/> and is organized by The Bakken's accessioning categories. A person interested in plate electrostatic generators, for instance, would first click on "Electrostatics". Under "frictional generators", click "plate". The result will be a list of the plate electrostatic generators in the collection. Clicking the hyperlinks will then lead you to an image and description of the generator in question. We hope to implement more sophisticated search functions in the near future.

The instrument collection focuses on the history of electricity and magnetism in the life sciences. It includes electrostatic generators, magneto-electric generators, induction coils, physiological instruments, recording devices, and accessories. There are hundreds of pacemakers and defibrillators, and dozens of magnetic devices.

A partial online catalogue of The Bakken's extensive book collection has been available for a number of years at:

<http://www.thebakken.org/library/library.htm#BooksAndManuscripts>. Plans are being made for an online public access catalog of the entire collection.

The artifact database is a work in progress and The Bakken welcomes feedback from researchers. Please direct comments and questions to Ellen Kuhfeld, Curator of Instruments, at:

Kuhfeld@thebakken.org

**BE SURE TO CHECK THE
SHOT WEBSITE
FOR ANNOUNCEMENTS AND
INFORMATION THAT
ARRIVED TOO LATE FOR
INCLUSION IN THIS
QUARTER'S NEWSLETTER!**

Programs of Support from the IEEE History Center: 2005/2006

The IEEE History Center offers three different programs of support annually for young scholars pursuing the history of electrical engineering and computing: An Internship for an advanced undergraduate, graduate student, or recent Ph.D.; a Dissertation Fellowship for an advanced graduate student or recent Ph.D.; and a Post-Doctoral Fellowship for a recent Ph.D. The Internship and the Dissertation Fellowship are funded by the IEEE Life Members Committee; the Post-Doc is funded by Rutgers University. The Internship and the Post-Doc require residence at the IEEE History Center, on the Rutgers University Campus in New Brunswick, New Jersey; there is no residency requirement for the Dissertation Fellowship. The IEEE History Center is pleased to announce the competitions for the 2005 awards:

IEEE History Center Internship—2005

Scholars at the beginning of their career studying the history of electrical technology and computing are invited to contact the Center to be considered for a paid Internship at the Center's offices on the Rutgers University campus in New Brunswick, New Jersey.

The Intern program seeks to provide research experience for graduate students in the history of electrical and computer technologies, while enlisting the help of promising young scholars for the Center's projects. The Intern generally works full-time for two months at the History Center on a Center project that is connected to his or her own area of interest. This time is usually during the summer, but other arrangements will be considered. Interns are also encouraged to consult with the Center's staff and its associates, and guided to research resources in the area. The Internship is designed for those near the beginning or middle of their graduate careers, but advanced undergraduates, advanced graduates, and, on rare occasions, recent Ph.D.s will also be considered. Special consideration is often given to scholars from outside the United States who might not otherwise have an opportunity to visit historical resources in this country.

The stipend paid to the intern is US\$3,500, but additional funds may be available to defray travel costs, depending on the Intern's circumstances. This Internship is supported by the IEEE Life Members Committee.

There is no formal application form. To apply, please mail a curriculum vitae showing your studies in electrical history along with a cover letter describing the sort of project you would be interested in doing (see contact information below). The deadline for contacting the IEEE History Center is March 1, 2005.

IEEE Fellowship In Electrical History Academic Year 2005/2006

The IEEE Fellowship in Electrical History supports either one year of full-time graduate work in the **history** of electrical science and technology at a college or university of recognized standing, or up to one year of post-doctoral research for a scholar in this field who has received his Ph.D. within the past three years. This award is supported by the IEEE Life Members Committee. The stipend is \$17,000, with a research budget of \$3,000.

Candidates with undergraduate degrees in engineering, the sciences, or the humanities are eligible for the Fellowship. For pre-doctoral applicants, however, the award is conditional upon acceptance of the candidate into an appropriate graduate program in history at a school of recognized standing. In addition, pre-doctoral recipients may not hold or subsequently receive other fellowships, but they may earn up to \$5,000 for work that is directly related to their graduate studies. Pre-doctoral Fellows must pursue full-time graduate work and evidence of satisfactory academic performance is required. These restrictions do not apply to post-doctoral applicants.

The Fellow is selected on the basis of the candidate's potential for pursuing research in and contributing to electrical history. Application forms are available on-line or by request from the IEEE History Center (see contact information below). The deadline for completed applications is February 1, 2005. This completed application packet should be sent to the Chairman, IEEE Fellowship in Electrical History Committee, IEEE History Center, Rutgers—The State University of New Jersey, 39 Union Street, New Brunswick, NJ 08901-8538. Applicants will be notified of the results by 1 May 2005.

The IEEE Fellowship in Electrical Engineering History is administered by the IEEE History Committee and supported by the IEEE Life Members Committee.

Post-Doctoral Fellowship in Electrical History—Academic Yr. 2005/2006 [PENDING AVAILABILITY]

The History Department and the IEEE History Center of Rutgers University announce a post-doctoral position for one year, renewable up to three additional years, in the history of electrical engineering and computing, beginning Fall 2005.

The post-doc will participate in the IEEE History Center's program of preserving, researching and promoting the history of electrical engineering and computing and will be expected to conduct original research in related topics. In addition, the Post-doc will teach undergraduate courses in the area of the history of technology for the History Department, typically one or two courses per year, and will participate broadly in the intellectual life of the Department, a top-rated program which features a new graduate major field in the history of technology, the environment, and health.

Candidates must hold a Ph.D. in the history of technology or a related field, and must demonstrate the potential to conduct professional-quality scholarship in the history of electrical or computer technologies, broadly defined. Teaching experience and a background in communicating with engineers or a non-academic audience are all desirable.

Applicants should submit a letter of interest, including a description of areas of research interest, curriculum vitae, writing sample (article or dissertation chapter), and three letters of recommendation. The deadline for completed applications is **April 1, 2005. Note that this position may not become available; all those who make inquiries or submit applications will be informed if the position is withdrawn.**

IEEE and Rutgers are AA/EO employers. Women and minorities are encouraged to apply for all positions.

The IEEE History Center is co-sponsored by the Institute of Electrical and Electronics Engineers, Inc. (IEEE)—the world's largest professional technical society—and Rutgers—the State University of New Jersey. The mission of the Center is to preserve, research, and promote the legacy of electrical engineering and computing. The Center can be contacted at:

IEEE History Center
Rutgers University
39 Union Street
New Brunswick, NJ 08901-8538
Email: history@ieee.org
http://www.ieee.org/history_center

OTHER NEWS

Larrie D. Ferreiro received his Ph.D. from University of London Imperial College in 2004. His thesis, entitled: Down from the Mountain: The Birth of Naval Architecture in the Scientific Revolution, 1600-1800, is the first work ever to analyze naval architecture as an integral part of the Scientific Revolution, and to describe its practical application to ship design in the 17th and 18th centuries, using previously untapped primary-source and archival information from every major shipbuilding nation in Europe. The book treats naval architecture within several related contexts: as a part of the new science of rational mechanics; as a perceived strategic "force multiplier" for navies to overcome the numerical superiority of the enemy fleets by creating better individual ships; and as a part of the centralization and professionalization of ship design by European navies. He is currently working on a book-length version of this work, and is researching the follow-on volume, which analyzes the development of naval architecture in the Industrial Age, 1800-2000. A description of this project is found at:

<http://mywebpage.netscape.com/larrieferreiro/historyofnavalarchitecture.html>

RECENT PUBLICATIONS

John Strand has written a book, *Pathways to the Planets*, concerning the exploration of outer space. It is the historical first-hand account of his work for the Jet Propulsion Laboratory on the Navigation system for Viking and Voyager missions. These stories, never before told, are chronicles of a group of dedicated mathematicians and computer programmers fulfilling the dreams of Kepler, Newton and Einstein. Their work led to more than just pictures of the solar system, they enhanced the world of physics immeasurably. Readers will find surprising insight into science and human interactions through well-illustrated memoirs. Humor, frustration, toil and brilliance eventually

produced the most successful technical achievement of the 20th century. More information about the book is available at pathwaystotheplanets.com.

The author may be contacted at:
john@pathwaystotheplanets.com

CONFERENCES

Environmental History Conference to be Held in Houston

The American Society for Environmental History (ASEH) will hold its next annual meeting in Houston, Texas, March 16-20, 2005. A broad array of panels from all over the world will explore the conference theme, "Energy, Space, and Time." A plenary session will feature former directors of the National Park Service, while Wilma Subra, a chemist and environmental advocate who investigated the Love Canal case in New York, will serve as the keynote speaker. Subra received a MacArthur Fellowship in 1999 and is president of the Subra Company, Inc. – a firm based in Louisiana. She has assisted more than 500 community groups in the United States and abroad analyzing data and identifying sources of pollutants.

The conference will include a mini-festival of environmental films. We are featuring two: *The Greatest Good: A Forest Service Centennial Film*, and *Borderline Cases: Environmental Matters at the United States-Mexico Border*. Producers will be on hand to introduce films and later participate in panel discussions.

An additional plenary session will include Judith Kimerling from Queens College, David Nye from Syddansk Universitet, Joseph Pratt from the University of Houston, and Heather Turcotte from U.C. Santa Cruz. The conference will also offer field trips exploring historic Galveston, Armand Bayou Nature Center, Oil Industry Landscape and Ship Channel, NASA, and birding at Brazos Bend State Park.

For a copy of the program and information about registration, see ASEH's website at www.aseh.net or contact Kathleen Brosnan, Local Arrangements Chair, at Kathleen.Brosnan@mail.uh.edu.

20th International Congress of Historical Sciences

Final Programme and Registration Form Live Now!

The CISH 2005 Organising Committee invites you to attend the 20th International Congress of Historical Sciences, at the University of New South Wales, Sydney, Australia, 3 - 9 July 2005.

The programme and structure cater to all historians regardless of their field. The programme will consist of 3 major themes, 26 specialised panel sessions, 20 round tables and 6 UNESCO Workshops. 24 of CISH's International Affiliated Societies and Internal Commissions will meet during the Congress, and this time they will include your host, the Australian Historical Association. In addition, there will be an opportunity to network with your peers at a variety of social functions. Over 2000 delegates have attended previous CISH Congresses from dozens of different countries. To find out more about the Congress, view the final programme or to register your attendance, please visit the CISH 2005 website.

If you have already pre-registered for the Congress and would like to finalise your accommodation, book tours or add an accompanying guest please complete the Final Registration Form for Pre-Registered Delegates

at: <http://www.cishsydney2005.org/registration.asp>

Accommodation

The CISH 2005 Organising Committee has found accommodation to suit every attendees needs from 5 Star to Student accommodation. For a complete listing and up to date prices click here:

<http://www.cishsydney2005.org/accom.asp>

Social Program - Evening Functions

The organising committee will also be hosting a range of functions from Monday 4 July to Friday 8 July. These functions are designed to enhance the socialising opportunities of delegates and provide an opportunity to see Sydney's beautiful landmarks. The following functions can be booked on both the Final Registration Form and the Final Registration Form for Pre-Registered Delegates or by emailing cish2005@incompass.com.au

Rocks Ghost Tour and BBQ
Sydney Harbour Dinner Cruise

Taronga Zoo Dinner

Opera House Dinner and Performance

Availability of these activities is limited and may not be available when booking onsite. Minimum and Maximum numbers apply to these activities.

Accompanying Guest Tours

If you have not registered your guest and would like to, please complete the Final Registration Form for Pre-Registered Delegates at:

<http://www.cishsydney2005.org/registration.asp> or email the Secretariat at cish2005@incompass.com.au.

WORKSHOP

Doing Digital History An Introduction for Historians of Science, Technology and Industry June 6-10, 2005

The Center for History and New Media at George Mason University invites scholars whose work speaks to the history of science, technology and industry to a workshop on the theory and practice of digital history, to be held June 6-10, 2005. Specific topics to be covered include genres of online history, designing a website, creating a site infrastructure, digitizing documents, identifying and building audiences for online history, and issues of copyright and preservation.

Participants will leave with a deeper understanding of both the technical and methodological issues raised by the practice of digital history, as well as the ways that digital technologies can facilitate the research, teaching, writing and presentation of history.

Co-sponsored by the American Historical Association and the National History Center, the workshop will be held at George Mason University's Arlington campus, conveniently located in metropolitan Washington, DC. With support from the Alfred P. Sloan Foundation, there will be no registration fee, and a limited number of scholarships are available to defray the costs of travel and lodging for graduate students and young scholars.

As spaces are limited, please submit an application form by March 1, 2005 (available at <http://echo.gmu.edu/>).

SUMMER STUDY

SIAS SUMMER INSTITUTES 2005-2006

The SIAS Summer Institutes are designed to support the development of scholarly networks and collaborative projects among young scholars from the United States and Europe. The program seeks to explore theoretical, methodological, and empirical issues, promote the integration of approaches and interpretations from various disciplines into the participants' research, review the state of research in that discipline, and identify promising areas for further research.

Each institute will accommodate twenty participants and will meet twice, once in the United States and once in Europe. The institutes are open to Ph.D. candidates and scholars who have received a Ph.D. since 1999. Participants will present their research and collaborate on new projects at the seminars and between the two meetings. Participants will be expected to attend both meetings. The program will provide stipends and cover travel and lodging costs for both the American and European meetings.

The Political: Law, Culture, Theology

This Institute will seek to recast contemporary thinking about state, law, nation, liberalism, identity, and politics. Beginning from a religiously and philosophically informed idea of culture, we will explore the modern political imagination as it has expressed itself in the ideas of popular sovereignty and the rule of law.

Liberal theory focuses on law in place of sovereignty, on contract instead of sacrifice as the foundation of the political. It fails to see that law is not just a body of rules. Rather, it is a social practice, a way of being in the world. To live under the rule of law is to maintain a set of beliefs about the self and community, time and space, authority and representation. Most importantly, through the concepts of revolution and constitution, the modern nation-state linked popular sovereignty to the rule of law. Popular sovereignty succeeded in and through the rule of law.

Our goal is to develop a cultural approach to the political imagination. We will explore the limits of liberal theory to reconstruct political theory on the basis of a better understanding of the symbolic quality -- the meaning -- of modern political life. To this end, we aim to bring together lawyers, political scientists, theologians, historians, and philosophers to unearth the architecture and genealogy of the modern state, which found a new absolute in the popular sovereign, while committing itself to the rule of law.

Faculty:

Ulrich Haltern, Professor and Chair of German and European State and Administrative Law, University of Hanover, Germany

Paul W. Kahn, Robert W. Winner Professor of Law and Humanities, Director of the Orville H. Schell Jr. Center for International Human Rights, Yale Law School

When & Where:

July 25 - August 5, 2005 Yale University,
New Haven, Connecticut

Summer 2006 European date and location to be announced

Hierarchy, Marginality, and Ethnicity in Muslim Societies (7th Century to the Second World War)

Moving beyond the approach of majority-minority relations, with its focus on tolerance versus intolerance, this Institute will attempt, to understand how Muslim societies, with all their complexity and multiplicity of subgroups, worked, sometimes with conflict, often without. Its premise is that interrelated concepts from anthropology and sociology —hierarchy, marginality, and ethnicity— can be applied to the history of Muslim societies with profitable results.

Within this theoretical framework, the Institute encourages applicants in a variety of fields, including anthropology, history, sociology, legal studies, literature, philosophy, and theology. Themes could include, for example, notions of purity and impurity; intermarriage; dietary laws; dress codes; physical as well as social and economic mobility; spatial patterns of living; conviviality; conflict; inter-communal ties; interaction of laws and courts; presence or absence of corporate organization; cultural embeddedness of non-Muslims;

shared or parallel venues for learning; artistic borrowing; impact of modernization; shared or entangled histories.

We would like to extend the geographical and cultural range of our inquiry beyond the historical core region of the Islamic world by including other Muslim societies, notably on the Indian subcontinent and in Southeast Asia. We would also like to include themes dealing with non-Muslims other than Jews and Christians.

Faculty:

Gudrun Krämer, Professor of Islamic Studies, Institute for Islamic Studies, Free University, Berlin

Mark R. Cohen, Professor of Near Eastern Studies, Princeton University

When & Where:

August 8 - 19, 2005 Wissenschaftskolleg zu Berlin, Berlin, Germany

July 31 - August 11, 2006 National Humanities Center, Research Triangle Park, NC

For complete details and applications, visit <http://www.nhc.rtp.us/sias/index.htm>.

Application Deadline: February 18, 2005

This program is made possible by grants from The Andrew W. Mellon Foundation and the Alexander von Humboldt Foundation.

CALLS FOR PAPERS

Second International Congress on Construction History

Queens' College, University of Cambridge
29th March ~ 2nd April 2006
www.chs-cambridge.co.uk

Deadline for Submission of Abstracts, 30th April 2005
The First International Congress on Construction History (which was held in Madrid in 2003) attracted speakers from all around the world and established itself as the leading outlet for all aspects of the history

of building construction. Speakers are now sought for the Second Congress to be held at Queens' College, University of Cambridge hosted by the Construction History Society.

Abstracts of 300-600 words are sought for papers on any topics relating to any aspect of the history of building construction, including (but not limited to):

- * Structural analysis and the development of structural forms
- * History of the building trades
- * Organisation of construction work
- * Wages and the Economics of construction
- * The development of Building Regulations
- * Trade unions and Guilds
- * Development of construction tools, cranes, scaffolding, etc
- * Building techniques in response to their environments
- * Building materials, their history, production and use
- * History of services (heating, lighting etc.) in buildings
- * The changing role of the professions in construction
- * Building Archaeology
- * Computer simulation, experimentation and reconstruction
- * Use of construction history for dating of historic fabric
- * Recording, Preservation and Conservation
- * Construction in architectural writing
- * The role of construction history in education
- * The bibliography of construction history

All accepted papers (which will be 4-6000 words) will be published and available at the conference. The writers will be asked to give short 15minute summaries of their papers. All papers and abstracts must be in English, but delegates may present at the conference in English, French, Italian or Spanish.

Papers to be submitted by post to: Malcolm Dunkeld, Chair Organising Committee, Construction History Society, 147 Leslie Road, London, N2 8BH.

United Kingdom, or by e-mail to:

abstracts@chs-cambridge.co.uk.

Fees, registration and details of accommodation are available at the Congress web site:

www.chs-cambridge.co.uk

Midwest Junto for the History of Science

April 1-3, 2005
Truman State University
Kirksville, Missouri

The forty-eighth annual meeting of the Midwest Junto for the History of Science will be held April 1-3, 2005, at Truman State University in Kirksville, Missouri. The 2005 Junto program committee invites papers submissions on any aspect of the history and philosophy of science, technology, or medicine. Graduate students are especially encouraged to participate, and by Junto tradition, lodging for graduate-student presenters will be partially subsidized.

Kirksville is the home of the Kirksville College of Osteopathic Medicine, the first such college in the U.S., and currently part of the A.T. Still University of Health Sciences. Papers on the history of alternative medicine and osteopathy are therefore particularly welcome. A tour and reception at the A.T. Still National Osteopathic Museum is also planned. Proposals for groups of papers or entire sessions based on distinct themes are also welcome.

A short abstract (100-150 words) of proposed papers or sessions should be submitted by March 1, 2005, to David Robinson, Truman State University, Division of Social Science, 100 E. Normal, Kirksville, MO 63501, drobinso@truman.edu. Abstracts may be submitted electronically, by email or as attachment. Paper copies of abstracts are of course also welcome at the address above.

Additional information on registration and accommodations will be added to the Junto website as it becomes available:

http://www.public.iastate.edu/~history_info/hots/JUNTO/JUNTO.HTM

For further information, please contact Peter Ramberg, Truman State University, Division of Science, 100 E. Normal, Kirksville, MO 63501, ramberg@truman.edu

Tourism and the History of Transport, Traffic and Mobility

Third International Conference on the History of
Transport, Traffic and Mobility

National Railway Museum, York, United Kingdom
6-9 October 2005

The International Association for the History of Transport, Traffic and Mobility (T2M) invites proposals for papers to be presented at the Third International Conference on the History of Transport, Traffic and Mobility, to be held at the National Railway Museum, York, United Kingdom on 6-9 October 2005.

Papers may address any aspect of the social, cultural, economic, technological, ecological and political history of transport, traffic and mobility. However, preference will generally be given to those focussing on the historical relationship between tourism and transport, traffic and mobility.

Tourism embraces not only the familiar phenomenon of modern mass travel for leisure purposes but also the movement of individuals and groups for analogous reasons in the pre-modern period. Our concern is to delineate, both theoretically and empirically, the historical relationships between certain patterns of mobility and kinds of leisure and associated activities. In this way we hope to analyse the genesis, development and interaction of different cultures of travel in order to illuminate the various historical meanings of tourism. Such a broadly based definition 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 either tourism or 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 especially encourage trans-national, comparative and trans-modal 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 the Institute of Railway Studies & Transport History, a joint endeavour of the University of York and the National Railway Museum. To mark the 10th anniversary of the Institute's founding, a strand of the conference will be dedicated to 'Mobilizing railway history: railways and the construction of the history of transport, traffic and mobility'. More details will be posted at www.york.ac.uk/inst/irs.

The conference language is English (only). The deadline for abstracts and a short cv (max. 1 page each; Word or rich text format only) is Friday 1 April 2005. Send proposals to: submissions@t2m.org. Notification of acceptance will be sent by Friday 29 April 2005. The full text of papers accepted must be submitted by Monday 1 August 2005 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 required to register.

For enquiries about the programme, please contact Colin Divall cd11@york.ac.uk.

For information about local arrangements please contact Martyn Halman m.halman@nmsi.ac.uk

For details of T2M and of previous conferences, please visit: www.t2m.org. Further details of the 2005 conference will be posted there in due course.

Programme Committee: Colin Divall (National Railway Museum/University of York) (Chair); Corinne Mulley (University of Newcastle); Bruce Pietrykowski (University of Michigan-Dearborn); Heike Wolter (Dresden Technical University); Maggie Walsh (University of Nottingham); John Walton (University of Central Lancashire).

Between Workshop and Laboratory: Research and Innovation in the Electrical Industry Since the Mid-nineteenth Century

Mulhouse

8-9 December 2005

The goal of this international conference, organized under the auspices of Electricité de France's committee for the history of electricity, is to explore the variety of ways in which innovative activities were carried out in the electrical industry from its pioneering phase in the mid-nineteenth century to the present. While the electrical industry (including electro-metallurgy, electro-chemistry, and the applications of electronics) will provide the main focus, case studies from other

industrial sectors will be considered in so far as they provide relevant terms of comparison. The conference will be based on pre-circulated papers, and while brief presentations will be programmed, every effort will be made to maximize the time available for discussion. Papers may be in either English or French. It is anticipated that the papers will be published in a forthcoming issue of the *Annales historiques de l'électricité*. Proposals for papers, in the form of a 300-word summary and very brief CV, are requested by 25 February 2005 or as soon as possible thereafter, and should be addressed to:

Yves Bouvier

Chargé de mission Histoire

Fondation EDF

9 avenue Percier

75008 Paris

yves.bouvier@edf.fr

01-40-42-79-29 (33-1-40-42-79-29)

Further details are available on the homepage for History of Science, Medicine, and Technology at the University of Oxford: <http://www.history.ox.ac.uk/hsm/t/> (navigate via 'News')

Producing Fashion

For a conference October 28 and 29, 2005 the Center for the History of Business, Technology, and Society invites papers that examine the production of fashion in consumer societies in any region of the world. The conference will be held at the Hagley Museum and Library in Wilmington, Delaware. Clothing, home furnishings, appliances, cosmetics are all part of fashion systems whereby design and function merge in the effort to attract consumer attention - and money. For this conference we invite papers that consider how fashion is produced on the level of ideas and style as well as the materials and technologies employed to construct the very items themselves. Papers should consider the practice of producing fashion, especially business and technological aspects, and should do more than present studies of prescriptive literature such as advertising. Proposals are due by March 1, 2005, should be approximately 500 words and accompanied by a short cv. Travel funds may be available for presenters. Direct proposals and queries to Dr. Roger Horowitz, Associate Director, Center for the History of Business, Technology, and Society, Hagley Museum and Library, PO Box 3630, Wilmington DE 19807, email rhorowitz@hagley.org, fax 302-655-3188.

AAAS

The History and Philosophy of Science Section (L) of the American Association for the Advancement of Science (AAAS) would like to invite you to work with us in submitting panel proposals for the 2006 Annual Meeting in St. Louis. The theme is Grand Challenges, Great Opportunities for advancing science and serving society, both nationally and globally. The main themes, described below, lend themselves to historical and philosophical exploration. Panels outside the overall theme are also welcome. Interdisciplinary panels are especially appropriate.

You do not need to be an AAAS member to participate in the mid-February meeting. For more information, please contact Jonathan Coopersmith, the Section L secretary, at j-coopersmith@tamu.edu by February 15, 2005.

The official AAAS invitation (From the AAAS website:

http://www.aaas.org/meetings/Annual_Meeting/2006_St_Louis/2006_PE_08_Sym_Home.shtml states:

Scientists and engineers must remain in the forefront of efforts to meet the challenges faced by both developed and developing nations and maximize their contributions to society and human welfare. It will be necessary for scientists and engineers to produce major new discoveries and revolutionary new technologies that improve quality of life and drive new globally competitive industries. Effective science education will broaden understanding of science and attract even more students to science and engineering career paths in addition to those who have diverse backgrounds. The goal is to fuel a vibrant and sustainable global economy with a wide range of high-quality jobs for well-prepared workers.

What are the Grand Challenges that translate into Great Opportunities for:

- * Advancing science, technology and engineering within and across fields?

- * Improving health and well being, and sustaining the environment?

- Solving society's dilemmas and problems?

- * Furthering innovation?

- * Developing theoretical and methodological models to meet new challenges?

- * Improving education in science and math?

- * Building careers for scientists and engineers?

Symposia Proposal Submission Instructions:

http://www.aaas.org/meetings/Annual_Meeting/2006_St_Louis/2006_PE_08_Sym_Inst.shtml

Topical Lecturer Nomination Instructions:

http://www.aaas.org/meetings/Annual_Meeting/2006_St_Louis/2006_PE_08_TopLec_Nom.shtml

Submit a Proposal/Nominate a Topical Lecture:

<http://php.aaas.org/meetings/2006symposia/>

Jonathan Coopersmith, Associate Professor
Dept. of History, MS 4236
Texas A&M University
College Station, Texas 77843
Phone: 979.845.7148
Fax: 979.862.4314

Secretary, History & Philosophy of Science Section (L),
American Association for the Advancement of Science,
www.aaas.org

EMPLOYMENT

History of Consciousness Associate or Full Professor

The **History of Consciousness Department at the University of California, Santa Cruz**, seeks a mid-career scholar with distinguished research, strong graduate teaching and an interest in program development. This position carries a five-course-equivalency workload, which normally means teaching four courses over three quarters and carrying out other academic and service responsibilities. The campus is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and service.

The position is available Fall 2005 or later. To apply applicants should submit a letter of application specifying areas of teaching competence and outlining research accomplishments, future plans, and work in progress; a curriculum vitae; names, addresses, email addresses, and phone numbers of three referees; and one sample of published work to:

Professor James Clifford
Chair, Search Committee
Department of History of Consciousness
University of California
Santa Cruz, CA 95064
jcliff@usc.edu

Please refer to position #640-05 in your reply. Consideration of applications will begin on **February 21, 2005**. Applications will be accepted after that date, and the position will remain open until filled.

Information about UC Santa Cruz is available at
<http://www.ucsc.edu>

Post-Doctoral Scholar/Lecturer

The **Stanford Science, Technology, and Society (STS) Program** invites applications for appointment as a Post-Doctoral Scholar/Lecturer. This is a three-year appointment, with a possibility, although not a guarantee, of a one-time renewal. Applications are welcome from candidates with degrees in STS or in a pertinent discipline—e.g., sociology, political science, cultural anthropology, economics, history, or philosophy—with a substantial emphasis on STS subject matter. Knowledge of a field of science or technology would be advantageous.

The position carries a reduced teaching load of three one-quarter courses per year: a junior honors seminar and two STS courses of strong interest to the applicant. It is expected that the successful applicant will assist in administering the STS Honors Program, through which about 10-15 students per year write senior theses. The reduced teaching load ensures that the successful candidate will have significant time to pursue her or his own STS-related research agenda.

An earned Ph.D., evidence of ability to conduct high-caliber STS research, and evidence of ability to do engaging, excellent undergraduate STS teaching are required. Each candidate should include titles, brief descriptions, and sample readings for two courses he or she would teach if appointed. Each applicant should arrange to have three letters of recommendation sent to the Search Committee. The letters should be sent as soon as possible but no later than the application deadline. All materials should be sent to:

Chair, STS Post-Doctoral Scholar/Lecturer Search Committee
c/o STS Program, Stanford University
Stanford, CA 94305-2120

The deadline for receipt of complete files is **February 15, 2005**. Finalists for the position are likely to be interviewed at Stanford. The position commences September 1, 2005. Stanford University is an equal opportunity, affirmative action employer.

FELLOWSHIPS & GRANTS

The **Department of History and Philosophy at Montana State University, Bozeman** invites applications for a one-year NSF-funded postdoctoral fellowship in a new program entitled "Mile High, Mile Deep: Imagining and Modifying Topographical and Subterranean Environments." This is an interdisciplinary research/teaching project that seeks to integrate the history of science and technology, environmental history, and historical geography through a comparative and cross-cultural analysis of the ways humans have constructed space over time. The successful applicant will also play an integral role in two new departmental initiatives: a doctoral program with tracks allowing students to focus on issues of science, technology, and the environment, and an undergraduate program in Science, Environment, Technology, and Society. The application screening begins immediately and will continue until the position is filled. For further information about this position and the application procedure, please consult:

<http://www.montana.edu/cgi-bin/msuinfo/fpview?ctype=p&csn=322-3>.

Please direct all inquiries to Prof. Michael Reidy at:
mreidy@montana.edu

Further information about the Mile High, Mile Deep Project is available at:

<http://www.montana.edu/~www/hi/docs/phdprogram/milehigh.html>

SPECIAL ARTICLE

History of Technology Across the Seas

Daryl M. Hafter

Eastern Michigan University Ypsilanti, Michigan,
emerita

Imagine a handsome modern building with rooms for panels and discussions, a semi-circular hall for plenary talks, and a coffee bar with food and drink to encourage conviviality. This was the setting of the French Society for the History of Science and Technology (*Société Française d' Histoire des Sciences et des Techniques* or SFHST) that met from May 20-22, 2004 in the charming city of Poitiers. While only the second meeting of this organization, some 300 participants from France, England, Italy, and the United States appeared. The two-day conference showcased panels of both disciplines, including the history of mathematics, logic, and computers; the history of human sciences; medieval science and technology; technical education; the contribution of science to society; and new possibilities for study of science and technology through the internet. Plenary sessions allowed historians of science to discuss the new ideas emerging from earlier research.

The sessions I followed were devoted to the history of technology, organized by Patrice Bret, Liliane Hilaire-Pérez, Hélène Vérin, and Catherine Verna, all specialists in various aspects of the field. From the moment these leaders rearranged the furniture to change the lecture hall into a round-table discussion, I knew we were in for a lively conference with a real exchange of views. I was not disappointed! Each session of the History of Technology group took up a different theoretical issue and offered short presentations by researchers currently involved—then the round-table discussion brought everyone into play, speakers and audience included.

The first topic dealt with questions that SHOT has also been preoccupied with: If, as Max Weber concludes, "everything is technology," how can one organize a history of technology? Must the field be restricted solely to techniques of production? Among those who contributed to the discussion were dual member of SHOT and SFHST Yves Cohen; dean of history of economics and technology, Dennis Woronoff; and

Curator of the Paris Museum of Fashion and Textile (Musée de la Mode et du Textile) Jean-Paul Leclercq.

In the next session, discussants explored the range of ways in which researchers entered into the history of technology. These included a diversity of approaches and methods that expanded the definition of the discipline. Concrete examples came from a study of the industrial patrimony in France, a focus on the Far East, a sociological approach that probed the dynamics particular to urban life, and an inquiry into the role of textile innovations in society. Following these presentations, the audience proposed other subjects, demonstrating how the history of technology could be used to learn about a variety of themes.

The discussion focused again on history of technology as a discipline with the next session's topic: "Technology in search of an ideology." In these stimulating and original presentations, technology was shown as a means of codifying a national identity—in 18th century Catalonia—or as an essential element in preserving social harmony in 6th century China. The audience suggested that in Romania and Russia, linking technological development with national pride had the opposite effect: keeping scholars in those countries from suggesting that discoveries were made by inventors elsewhere. A contrary ideal also evolved in 18th century France, where businessmen downplayed French inventiveness in order to obtain higher tariffs against British imports and subsidies for their own manufactures.

Language itself was the subject of the last workshop. Here the focus was on questions of the vocabulary used both by historic practitioners involved in technology and by historians of technology. Translations, the choice of the level and tone of language, of neologisms and their interpretation by historians of technology came in for scrutiny. Examples were presented from such varied sources as workers' terms for metallurgy in 19th century Catalonia, the difficulties of creating technical manuals in 17th and 18th century Russia, the political repercussions of construction manuals in imperial China, and the problems of finding modern equivalents for alchemical terms.

Sophisticated discourse, a high level of expertise, and collegiality made this conference a stimulating event for historians of technology and science. The University of Poitiers, the Espace Mendès France, and the able

leadership of M. Bernard Joly, president of the Société Française d'Histoire des Sciences et des Techniques all contributed to this excellent meeting. The conference closed with prizes awarded for the best master's and doctoral thesis in history of technology. The keen desire of this group to develop fraternal links to SHOT made evident again and again as members told me of their high esteem for SHOT and *Technology and Culture*. I suggest that we offer them a hearty welcome to participate in our activities, and that we accept the invitation to take part in theirs. For information on future conferences contact: Patrice Bretand Liliane Hilaire-Pérez at Centre d'Histoire Techniques; 5, rue du Vertbois; 75141 PARIS Cedex 03.

Ferguson Prize Established First Award Scheduled for Minneapolis

David Hounshell, Outgoing President

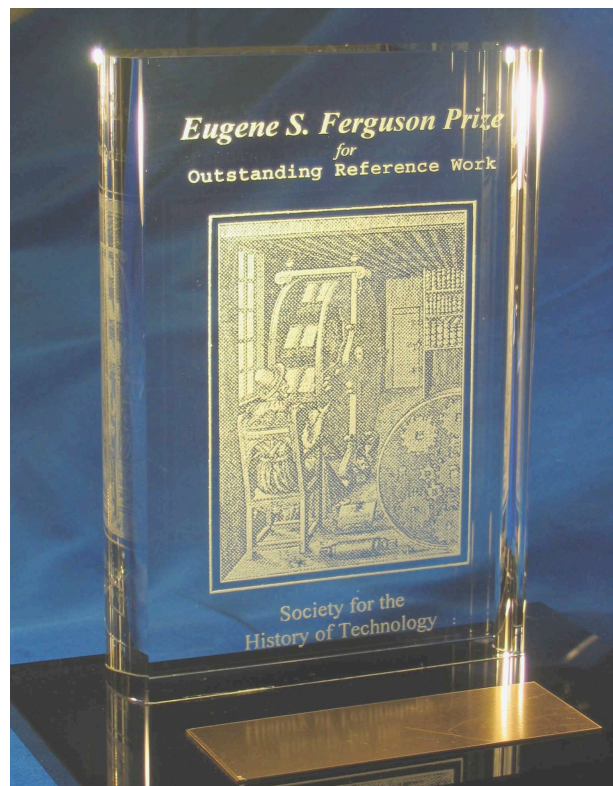
At the Awards Banquet in Amsterdam, I was pleased to be able to show members and guests the actual award that will accompany the new Eugene S. Ferguson Prize for Outstanding Reference Work. For members who were not in Amsterdam, please examine the photograph reproduced here. As I explained in my President's Message in the October 2004 SHOT Newsletter, this prize was made possible through the generosity of students, colleagues, and family members of the late Eugene Ferguson (1916-2004) and will first be awarded at the 2005 Annual Meeting in Minneapolis. Three of SHOT's most distinguished members have agreed to serve on the first Ferguson Prize Committee: Merritt Roe Smith (MIT, Chair), Ruth Schwartz Cowan (Penn), and Carlene Stephens (NMAH, Smithsonian). You can read the criteria for the award at:

<http://shot.press.jhu.edu/Awards/ferguson.htm>.

If you are the author of a work that seems to fit these criteria or you know of a work that you think should be recognized, please get in touch with Amy Bix, our Secretary.

The Ferguson Prize Endowment needs about \$5000 to be totally self-sustaining. If you'd like to donate something to this fund, simply write a check, note that it is for the Ferguson Prize Fund, and drop it in the mail to Richard Hirsh, Treasurer, Society for the

History of Technology, 3009 Stradford Lane,
Blacksburg, VA 24060-8176.



EXTRA!!

The SHOT *Newsletter* is your newsletter and a way to make contact with other members of the organization. We are happy to publish items of interest and news of members provided the information is received in our office by the 1st of the month prior to the publication month.

Also, please check the SHOT website for updates and important information related to conferences, paper calls, and employment opportunities.

Details of the annual meeting will also be available on the website. Please watch for deadlines, locations, and other valuable information necessary to your travel plans.

WHEATS

On Oct. 1-3, 2004, students in MIT's graduate program in the History and Social Study of Science and Technology hosted the first of what is hoped will become a series of annual Workshops on the History of Environment and Agriculture through Technology and Science. The goal of WHEATS is to provide a forum for graduate students and other young scholars working on the intersecting histories of agriculture, environment, science, and technology to discuss works-in-progress with peers and established scholars. Saturday, Oct. 2, the first full day of the workshop, was devoted to the presentation and discussion of pre-circulated papers by graduate students from six northeastern universities. On Sunday, Oct. 3, the workshop concluded with a panel discussion on academic publishing. WHEATS was organized by graduate students at MIT and Harvard with generous support from MIT's Program in Science, Technology, and Society and the Dibner Institute for the History of Science and Technology. Next year's workshop will be hosted by the University of Virginia.

Caption for the photo: (from left to right)

BACK ROW: Lauren Nauta (University of Pennsylvania), John McNeill (Georgetown University), Deborah Fitzgerald (MIT), Christine Wenc (Harvard University), Anya Zilberstein (MIT), Brian Shillinglaw (Yale University), Jenny Smith (MIT), Richard Mizelle (Rutgers University), John Staudenmaier (University of Detroit Mercy)

MIDDLE ROW: Jeremy Vetter (University of Pennsylvania), Nick Buchanan (MIT), Jamie Pietruska (MIT), Audra Wolfe (Rutgers University Press), Everett Mendelsohn (Harvard University), Richa Kumar (MIT)

FRONT ROW: Xaq Frohlich (MIT), Peter Shulman (MIT), Etienne Benson (MIT), Shane Hamilton (MIT), Jeanette Simmonds (Rensselaer Polytechnic Institute)



SHOT Newsletter
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