AMERICAN INSTITUTE FOR CONSERVATION OF HISTORIC AND ARTISTIC WORKS

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AIC's 38th **Annual Meeting**

The Conservation Continuum: Examining the Past/ Envisioning the Future

May 11-14, 2010 Milwaukee, WI

Deadline for poster absracts: October 15, 2009. To submit, send an abstract of no more than 500 words to Ruth Seyler, Membership and Meetings Director, abstracts@conservation-us.org

More information and online registration available at www.conservation-us.org/ meetings

Risk Assessment

Vol. 34, No. 5

By Dennis C. Ertel, Jr., CIH, CSP, REM

The conservation community is challenged by a myriad of products, equipment, and environments when they conduct their work. The AIC Health and Safety Committee often receives inquiries about whether something is safe or how to safely perform certain activities. In Artist Beware, Michael McCann states, "Every day we find that more and more of the chemicals we eat, drink, breathe, work with, or are exposed to in some other way are hazardous. The twentieth century is the era of chemistry. It is estimated that we are exposed to over 20,000 known toxic chemicals, and of the 500 new chemicals that are introduced into the marketplace every year, most have never been tested for their long-term effects on the human body."

While it is understood that not all chemicals or products are harmful, one needs to be able to determine if a specific use can be done safely; this is the practice of risk assessment. Risk assessment will often be coupled with risk management, which is the coordinated effort to control or reduce identified risks. Conservators do not normally perform formal risk assessment, but will certainly consider elements of risk assessment or work with other professionals who perform risk assessments fairly regularly.

Risk Assessment

Risk assessment is a tool for evaluating risk. According to the United States Environmental Protection Agency (EPA), risk is "the chance of harmful effects to human health or to ecological systems resulting from exposure to an environmental stressor." The EPA "uses risk assessment to characterize the nature and magnitude of health risks to humans (e.g., residents, workers, recreational visitors) and ecological receptors (e.g., birds, fish, wildlife) from chemical contaminants and other stressors that may be present in the environment." Other organizations in the United States and in other countries may have slightly different definitions, but the principals are similar.

Risks have been studied by various government agencies for many years. Generally, toxicological studies—studies of the effects of various toxicants on animals or other organisms—have been a basis for risk analysis with respect to chemical products. Epidemiology studies—studies of disease patterns in groups of people with similar exposures—have also supported the effort to perform risk assessments. When governmental and research agencies evaluate risk, they review information from current research and estimate exposures or doses that will not regularly result in permanent harm to an unacceptable number of individuals. For example, in the United States, occupational exposure levels are designed through the risk assessment process to protect workers from the most pronounced effect of a toxicant for an average eight hour day, during

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AIC NEWS

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We reserve the right to edit for brevity and clarity.

ADVERTISING

AIC accepts position-available ads only from equal opportunity employers. All position ads must conform to the standards for equal opportunity employment. The cost of Internships and Fellowships, Positions Available, and Classified Ads is: \$1.05 per word for members and \$2.15 per word for nonmembers; the minimum charge is \$75. The cost of display ads is: 1/6 page \$215; 1/3 page \$360; 1/2 page \$445; 2/3 page \$570; full page \$695.

Deadlines for advertising copy are: February 10, April 10, June 10, August 10, October 10, and December 10.

All ads should be submitted to Ruth Seyler at rseyler@conservation-us.org.

AIC NEWS STAFF

Lisa Goldberg, Editor James Martin, Editor, New Materials & Research Eryl P. Wentworth, Managing Editor Brett Rodgers, Production Editor Ruth Seyler, Marketing Director Eric Pourchot, Institutional Advancement Director

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From the Executive Director



The Institute of Museum and Library Services (IMLS) Connecting to Collections initiative has been a significant advocate for increasing awareness about the importance of the care for collections across the nation. The initiative is grounded in the results of the Heritage Health Index Report on the State of America's Collections, a project of Heritage Preservation and IMLS, and was designed to help address the needs of our nation's collections. During the two-year initiative, some 1,000 staff members from small museums and libraries participated in at least one of four regional

Forums or in the initial Summit in Washington, D.C. Over 2,600 bookshelf sets of practical collection care resources were distributed to small museums and libraries. The impact of the many networks that have resulted between individuals and institutions as a result of the forums and bookshelves cannot yet be fully appreciated.

With thanks to Heritage Preservation and IMLS, AIC was formally involved in the planning and implementation of the final forum, "Stewardship of America's Legacy, Answering the Call to Action," which took place in Buffalo, NY on June 16 and 17.

While all the forums were opportunities for AIC to increase the visibility of our field, our organization, and conservators, the Buffalo Forum focused particularly on conservation training and working with conservators. This highly successful session attracted 300 attendees and can be viewed online at www.imls.gov/collections/tour/Buffalo.htm. Please take a few minutes to listen to the keynote address given by FAIC board director, Maxwell Anderson; in it, he speaks to conservators! As Anne Imelda Radice commented, we are "keeping our nation's stories alive!"

Following the June Forum and with the approval of IMLS, we sent an end-users survey to participants of the Connecting to Collections Forums and will be analyzing the results to determine how we can better educate and assist those who are responsible for the care of collections. The results will help guide our FAIC strategic plan for the coming years.

I will close with thanks to those who have assisted in the transition of CoOL from Stanford University Libraries to FAIC and to all those who have expressed words of support. We will strive to be good stewards of this valuable resource!

> -Eryl P. Wentworth Executive Director, AIC/FAIC

Award Announced

The members of AIC's Digital Documentation Task Force and the authors of The AIC Guide to Digital Photography and Conservation Documentation have been awarded the Society of American Archivists' 2009 Preservation Publication Award. It was presented during the SAA annual meeting in Austin, TX in August. On behalf of the Board, staff, and membership of AIC, congratulations!

Call for Nominations for the AIC Board Elections and Nominating Committee

The AIC Nominating Committee encourages members to submit nominations for qualified individuals as candidates for the 2010 AIC Board elections as well as candidates for the Nominating Committee itself.

Call for Nominations for the AIC Board Elections

The positions open for election are secretary, treasurer, and director of communications. Lisa Bruno and Brian Howard can each stand for a second term of two-years, while Paul Messier has completed his second three-year term.

The Nominating Committee chair must receive completed nominations by February 13, 2010, three months prior to the May Business Meeting in Milwaukee, WI. The AIC Bylaws require that candidates be Fellows or Professional Associates. Nominees must be members in good standing of AIC and should have prior experience with the functioning of the organization through service on committees, task forces, specialty groups, or in other capacities.

Call for Nominations for the AIC Nominating Committee

The Nominating Committee is seeking nominations of qualified members as candidates for the Nominating Committee election to be held at the 2010 AIC Business Meeting in Milwaukee, WI. The committee, composed of three members serving a three-year team each, has one vacant position each year. The 2010 candidate can be a Professional Associate, Associate, or Fellow. Nominations may be made in writing to Meg Craft, AIC board president, no later than February 13, 2010, or from the floor at the Business Meeting.

The Nominating Committee will be pleased to discuss any aspect of the nominating and election process with potential candidates and anyone interested in nominating candidates. Please contact Teresa Moreno (tkmoreno@email.arizona.edu), Mary Striegel (striegelm@nsula.edu), or Vicky Cassman (vcassman@udel.edu).

AIC News

AIC 2008 Award Nominations: Reward Your Colleagues

AIC presents six annual awards to members and other supporting professionals for outstanding and distinguished contributions to the field of conservation. These awards are:

- The Sheldon and Caroline Keck Award, which recognizes a sustained record of excellence in the education and training of conservation professionals.
- The Rutherford John Gettens Merit Award, which recognizes outstanding service to AIC.
- The University Products Award, which recognizes distinguished achievement in the conservation of cultural property.

- The Honorary Membership, which recognizes a member for outstanding contributions to the field of conservation.
- The Special Recognition for Allied Professionals, which recognizes the work and contributions of professionals in other fields to the advancement of the conservation profession.
- The Forbes Medal, which recognizes distinguished contributions to the field of conservation.

In addition, the AIC and Heritage Preservation joint Award for Outstanding Commitment to the Preservation and Care of Collections is presented annually to an organization in North America that has been exemplary in the importance and priority it has given to conservation concerns and in the commitment it has shown to the preservation and care of its cultural property. A list of previous recipients and more information about nominations can be found at www.heritagepreservation.org/awards. The deadline is December 15, 2009, and anyone may submit a nomination. Nominees should be not for profit organizations of any size responsible for cultural

Nominations for the first six awards are reviewed by the AIC Awards Committee members, who make recommendations to the Board for their approval. The Joint AIC/Heritage Preservation Award nominations are reviewed by the AIC Awards Committee and representatives of Heritage Preservation.

The nomination deadline for all awards is December 15. Let us hear from you. You can download award information and applications at www.conservation-us.org. Please take a few minutes to let us know about colleagues and institutions that deserve recognition for their significant contributions to our field.

CIPP Announces 2009-10 Online Meetings

The Conservators in Private Practice Specialty Group (CIPP) of AIC announces the "Managing a Professional Practice" online meeting program. Two series of five one-hour meetings will be offered between September 2009 and June 2010. This year's program builds on a successful pilot program held in 2008-09. Meetings will again offer attendees timely information related to the management of a professional conservation practice. Session topics include marketing, time management, documentation, and legal issues. Guest experts will offer advice, present updates, and answer questions.

Meetings are scheduled for 12:00 p.m. EST, on the third Wednesday of each month. The registration fee is \$40 per series. Individual meeting registrations (\$10) may be available a few days before each meeting. Registration forms and other information will be emailed to CIPP members and available on the websites of CIPP and

New CIPP Introductory Rate for ECPN members

CIPP is now offering a lower subscription fee to young conservators wishing to become new CIPP members, as a result of conversations with the Emerging Professionals Conservation Network (ECPN). CIPP encourages all conservators to consider becoming a CIPP member and to benefit from our educational programs, discussion forum, and members support. Our introductory fee for new members is now a symbolic \$5.

Research and Writing at http://bit.ly/YuDPP on 20 August.

"Managing a Professional Practice," is a benefit of CIPP membership. Costs are underwritten by membership fees and other specialty group income. The program is managed by Research and Writing, a professional practice offering business management and editorial services to academics and professional practitioners.

—Victoria Montana Ryan, (719) 577-9393 and Sarah Lowengard, (212) 860-2386, Researchandwriting.nyc@gmail.com

AIC on the Web

AIC is pleased to announce the latest addition to its online offerings: a new format for its news page. AIC has created a blog where news items can be posted and visitors add comments. The page is accessible by clicking on "News" in the left-hand navigation anywhere on www.conservation-us. org, or by accessing www.conservation-us.org/news.

This page offers up-to-date information on news relating to the field of conservation, AIC membership information, meetings and events, new publications, and more. It also features RSS-feed functionality, allowing users to sign up to follow news in any of the categories.

AIC members and visitors to the blog can participate by commenting on postings. In order to do so, visitors must first sign up for free registration on the blog page. Note: this is different than your registration on the main AIC site.

Questions and submissions can be submitted to Brett Rodgers, brodgers@conservation-us.org.

Stories in Conservation

Are you working on a project that you would like to share with the public and your colleagues? If so, please consider submitting a brief write-up for posting on the Stories in Conservation page of the AIC website. New stories will be also featured on the website's home page, making this a terrific way to highlight your private practice, institution, or new exhibition. As new submissions are posted, previous ones will remain available on an ongoing basis on the website's Stories page at www.conservation-us.org/ stories. Story submission guidelines are flexible:

- Approximately 400-800 words submitted electronically in Word, Word Perfect, or Rich Text format
- Images, links, and video clips are encouraged. Images can be submitted at full resolution and will be resized as needed. They must be at least 72 dpi.
- Of particular interest are projects that will be of interest to the general public.

Examples include items with interesting histories, projects that involved collaborations with peers or communities, as well as those that elucidate a general principle of conservation such as ethical concerns about cleaning or restoration. Questions and submissions should be sent to AIC E-editor Rachael Perkins Arenstein, rachael@amartconservation.com.

AIC Wiki Update

As of printing, the wiki launch has been slightly delayed. Final work on converting specialty group catalogs is underway, and launch is expected soon. The site will be announced as soon as it is complete.

Renew Online Today!

You can now renew your AIC membership quickly and securely online! Visit www.conservation-us. org/members and follow the links to renew.

FAIC News

FAIC Strategic Planning Update

An integral part of the strategic planning process has been to gather information from conservators and end users of conservation services through a series of surveys. The Conservation Professionals Needs Survey has been completed and the summary results are on the website at www.conservation-us.org/needs. A Compensation Survey, the first we've conducted since 1995, was sent out at the end of July. With permission of IMLS, we also sent a short end-users survey to IMLS Connecting to Collections participants. A more detailed end-user survey will be sent out shortly. The results of these surveys will help inform future initia-

Three of the four planned strategic planning summits have taken place. A fourth, focusing on strengthening conservation research and dissemination will be held in September. In addition to these more formal sessions, smaller meetings will take place with representatives of such groups as appraisers, the insurance industry, and media outlets. Summit discussions have also identified additional organizations with which we will meet to discuss information sharing and potential partnerships.

CoOL - Conservation Online

On June 10, Stanford University Libraries announced that they could no longer support CoOL. Just prior to the public announcement, AIC received a call alerting us to the situation. A board conference call quickly followed and we proceeded to create a proposal, crafted by Paul Messier, for AIC to assume responsibility for CoOL. In conversations with Stanford University Libraries and a variety of

2009 IAG Meeting

The Internal Advisory Group (IAG) meeting will be held on Saturday, November 14, in Washington, D.C. This year the meeting hotel is the Doubletree at 1515 Rhode Island, NW. If you have any questions, contact Amanda Knowles at aknowles@conservation-us.org or 202.661.8063. An agenda and additional meeting information will be sent in advance of the meeting.

other stakeholders, we heard that AIC was considered in a good position to host CoOL and we received many offers of assistance. Our proposal was accepted by Stanford University Libraries on June 19 and planning for the transition began.

The CoOL team was quickly established: Walter Henry (now on contract to FAIC), John Burke (donating his services), Paul Messier (committed board member), Brett Rodgers, and Eryl Wentworth (AIC staff members). A trusted ISP was contacted and plans made for the transition. With permission to borrow the servers granted, the physical transfer of the servers began on July 23. While work is proceeding and listservs continue uninterrupted, reconfiguring CoOL and all of its associated resources is a step-by-step process. Updates will be provided periodically on the AIC website and the DistList.

Early in the discussions about hosting CoOL, it became clear that a stakeholders meeting would be helpful in learning more about the expectations of the field for CoOL's future. The Getty Conservation Institute has provided a stipend toward this meeting, and additional funds are being sought. In addition to the in-person meeting, a survey will be developed to seek suggestions and comments from all CoOL stakeholders. Look for this survey to appear later in the year.

CoOL is a tremendous resource and responsibility. As Walter Henry noted, the Conservation DistList comprises 9,696 people from at least 91 countries. Conservation OnLine contains, roughly, 120,000 documents, and possibly many more. While a huge undertaking, AIC and FAIC are committed to making CoOL's resources available to the field, and we are excited by the opportunities it presents.

—AIC Staff

Deadlines for FAIC Grant and Scholarship Applications

September 15-Deadline for receipt of applications for the following FAIC grants and scholarships:

Small Meeting Support Grants Individual Professional Development Scholarships Workshop Development Grants Regional Angels Grants Lecture Grants

November 1–Deadline for receipt of applications for FAIC Samuel H. Kress Conservation Publication Fellowships

November 1–Deadline for receipt of applications for Tru Vue® Optium® Conservation Grants

December 15–Deadline for receipt of applications for FAIC George Stout Memorial Awards

February 1–Deadline for receipt of applications for the following FAIC grants and scholarships:

Christa Gaehde Scholarships Carolyn Horton Scholarships Carolyn Rose "Take A Chance" Grants

February 15–Deadline for receipt of applications for:

Individual Professional Development Scholarships Workshop Development Grants Regional Angels Grants Lecture Grants

Guidelines and application forms are available at www.conservation-us. org/grants or from the AIC office. All materials must be received by the published deadlines for consideration. Electronic submissions are encouraged, if prepared according to the guidelines published with each

Why CoOL Lives with FAIC

While AIC and its Foundation are integral to each other, they are separate legal entities with different purposes and goals. These differences clarify why CoOL is more appropriately an FAIC initiative.

In December 1972, AIC was incorporated as a 501(c) 6 entity, a membership organization in support of conservation professionals. FAIC was incorporated in June 1973 as a 501(c) 3 entity, existing for educational, scientific, and charitable purposes. It is common for a membership organization to have a related foundation to help support its goals. FAIC is, for instance, able to submit grant proposals to federal agencies and foundations that promote AIC goals. FAIC holds the Professional Development Endowment, something AIC cannot do. Operating in AIC office spaces and sharing staff, FAIC also pays a portion of AIC operating costs and feeds funds into AIC.

CoOL is, of course, a tremendous resource for AIC, but it represents the conservation world beyond AIC membership. It's a broad education and outreach tool for which FAIC will be raising funds in order to sustain progress. With your help as members and donors, we will provide a good home for an invaluable source of information for the world-wide conservation community.

—Eryl Wentworth

grant category. Letters of support may now be sent electronically, but only if signature is included. Text-only emails and faxed materials will not be accepted. For more information, contact Eric Pourchot at epourchot@conservation-us.org or (202) 452-9545, ext. 5.

FAIC NEH Individual Professional Development Scholarships Awarded

Eleven scholarships were awarded earlier this summer for individuals

The Samuel H. Kress Publication Fellowship Deadline

Applications for FAIC Samuel H. Kress Conservation Publication Fellowships are due November 1. Guidelines and applications are available on www.conservation-us. org or from the AIC office.

The fellowships are designed to give conservation professionals release time from their professional responsibilities in order to complete book-length manuscripts. The maximum fellowship length is eighteen months, so candidates normally need to have all basic research completed prior to the start of the fellowship. Successful applications typically include a detailed outline of the work as well as one or more completed sample chapters. Applicants must be AIC Fellows or Professional Associates.

Thirty-four fellowships have been awarded since the program began in 1994. Of the twenty-four manuscripts completed to date, twelve have been published, and at least seven authors are currently working with publishers. The projects have spanned a wide variety of topics and have added greatly to the breadth and depth of published materials available in the field of conservation.

For more information about the publication fellowships, contact Eric Pourchot, Institutional Advancement Director, in the AIC office: epourchot@conservation-us. org; (202) 452-9545 ext. 5.

attending FAIC workshops funded by the National Endowment for the Humanities (NEH). A portion of the NEH grant supports scholarships to help cover travel costs and registration fees.

Melissa Buschey, Water and Paper Soyeon Choi, Bleaching Techniques J. Claire Dean, Plastics Eva Grieten, Plastics Jamye Jamison, Water and Paper

Kathleen Kiefer, Plastics Terry Marsh, Bleaching Techniques Renate Mesmer, Water and Paper Beverly Perkins, Water and Paper Stephanie Watkins, Water and Paper Rachel Wetzel, Water and Paper

The Samuel H. Kress **Conservation Publication** Fellowship: Insights Into Working with Publishers

Since the inception of the FAIC Samuel H. Kress Conservation Publication Fellowship in 1994, thirty-four authors have received the award. As a result, twelve books have appeared in print and a number of manuscripts are currently in process of publication. In order to encourage future applicants to the Kress Fellowship and to help demystify the process of publication, we contacted the published authors for their advice on choosing and working with a publisher.

To no surprise, three prominent publishers within the field of conservation were utilized most: Butterworth-Heinemann (an imprint of Elsevier) http://books.elsevier.com/, Getty Publications www.getty.edu/ conservation/, and Archetype Publications www.archetype.co.uk/. Single works are in process or have appeared with Alta Mira Press (part of the Rowman & Littlefield Publishing Group) www.altamirapress.com/, Oak Hill Press www.oakhillpress. com/, and with the Organ Historical Society www.organsociety.org/. Some publishers post guidelines for manuscript submission on their websites. Self-publishing or print-on-demand are options that are worthy of exploration. Even though no concrete plans have been developed, discussions within AIC have begun to examine future possibilities of taking a stronger role as a publisher.

Authors chose particular publishers with several considerations in mind, including target audience (for example, conservation vs. more general museum professionals or another, more highly specialized group), national and

international distribution, marketing, as well as use of illustrations and overall design of the book.

It is important to begin the dialogue with a potential publisher early on, after initial research and close to manuscript completion, as important choices about format, illustrations, and other special requirements are made early on in the process. It was also suggested that knowing your publisher during manuscript production can help clarify issues of standard variations for chemical nomenclature between the U.S. and Europe, and use of American English versus British English.

Important questions that need to be clarified during contract negotiation are: who is responsible for peer review, image use, indexing, and editing. Some publishers may require the authors to bear these costs, and there may be other extra costs, which are not covered by the Kress grant and will require more fundraising by the authors. The use of a lawyer for contract review should be considered, as important concepts such copyright protection of intellectual content, author's rights in cases of reprints and second editions need to be defined.

The timeframe for the entire process, from approaching a company until the final product becomes available, varied greatly and ranged from one to several years. These differences might be explained by the complexity of some works, editorial changes, or other changes within the publishing house. "Beware of project creep" was another warning raised by one of the authors.

People have likened the process of producing a book to having a child: an intense, personal experience and with chances for complication, pain, and ultimately joy. It might be your turn next. Pick up your pen, dial that number, and add your valuable research to our bookshelves!

—Susanne Gänsicke and Ellen Pearlstein, Publications Committee

Annual Meeting

Electronic Poster Archive

Plans are being developed to create an online archive of next year's Annual Meeting poster submissions. Once the poster submission deadline has passed, the AIC office will contact presenters and give them the option of providing a PDF version of their poster for the archive. The posters and abstracts will then be made available on the AIC website after the poster sessions at the next meeting.

Allied Organizations

HERITAGE PRESERVATION

With Guidance from Conservators, Small Museums Plan for Emergencies

Fourteen museums in Mississippi, Ohio, and Texas have recently completed a pilot program that culminated in the development of emergency plans to protect the museums, their collections, and visitors. Through Heritage Preservation's Risk Evaluation and Planning Program (REPP), staff at each museum worked with emergency management and conservation professionals to identify hazards at the facility, minimize risks, and then develop the emergency plan.

Heritage Preservation administers the REPP with a grant from the Institute of Museum and Library Services (IMLS). REPP addresses a national need identified in 2005 by the Heritage Health Index, a comprehensive study of the condition of U.S. collections in museums, libraries, and archives. The study found that 86% of small museums and historical societies do not have an emergency plan that adequately protects collections.

The pilot phase of the REPP demonstrates that even in times of economic stress, small museums with limited resources can successfully protect their collections. In addition to developing an effective emergency plan, each institution has built new

Workshop Ideas and Proposals Sought

Ideas for workshops to be offered in 2010 are currently being sought. From a simple title, to a fully-developed proposal, we want to hear from you! FAIC presents a wide variety of workshops around the country and online on conservation topics, and AIC presents short workshops in conjunction with its Annual Meeting. Suggestions are always welcomed, but October 1 is the deadline for most 2010 events. Please contact Eric Pourchot by October 1 at epourchot@ conservation-us.org or (202) 452-9545, ext. 5.

relationships with local emergency managers and firefighters and taken steps to implement simple and costeffective mitigation strategies.

To see the list of program participants, go to www.heritagepreservation. org/REPP/pilotparticipants.html. For

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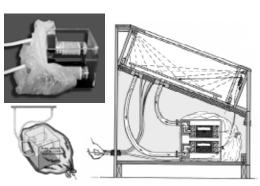
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a forty hour work week, over 50 weeks a year for a 40-year working lifetime. Limits published by the EPA are typically intended to protect the most vulnerable members of a population—usually children, the infirm or the elderly—for 24 hours per day over a 70-year lifetime.

For many agents or characteristics, the risk levels have been translated into occupational exposure levels (OELs), environmental regulations, guidelines, or other resources that provide guidance for daily exposures. These requirements or guidelines are usually based on established information from a mix of applicable scientific disciplines including epidemiology, toxicology, ecology, and other health sciences.

Most public health guidelines will differentiate between permissible levels over different time periods. For instance, one level may be set as the concentration that an average worker may tolerate without adverse effects over the span of a typical work shift (an 8-hour time weighted average or TWA). There are also Short-Term Exposure Limits for acutely irritating or hazardous substances that set a concentration to which one should not be exposed longer than a certain time frame (typically 15-minute duration). Finally, there can be ceiling or one-time maximum concentrations to which one must not be overexposed for any length of time without severe adverse consequences. None of these standards are construed as absolute lines between safe and unsafe exposures, but should be part of the overall exposure assessment. Some OELs, such as permissible exposure levels (PELs), published by the Occupational Safety and Health Administration (OSHA), have regulatory and legal requirements for compliance. Other OELs, such as the Recommended Exposure Limit (REL), published by National Institute for Occupational Safety and

Health (NIOSH), and the Threshold Limit Values (TLVs), published by the American Conference of Governmental Industrial Hygienists (ACGIH), are based on more current scientific studies, but do not carry the regulatory or legal requirements of the PELs.

For non-occupational exposure, there are guidance levels published by EPA regions, such as Region 3's Risk Based Concentrations (RBCs), and other guidance from agencies like the World Health Organization (WHO). Again, the non-occupational risk levels, such as the RBCs, are typically based on lifetime risk levels to the most sensitive members of the population and may not be appropriate for use in all situations.

The evaluation of risk takes into account the specific type of harm caused by the studied toxicants. Effects may be acute or chronic, systematic or localized. Traditionally, government agencies consider cancer and non-cancer effects. The non-cancer effects that might be evaluated are quite diverse and chemicals can be classified based on the type of harm they do, such as asphyxiants, nervous systems toxicants, or respiratory hazards. Carcinogens are often related to specific types of cancers, such as the relationship between benzene and certain forms of leukemia. Chemicals may also be classified as mutagens (an agent that is capable of causing a gene-change) or teratogens (an agent that causes a structural abnormality following fetal exposure during pregnancy).

Perception of Risk

For many years both occupational and environmental regulations in the U.S. have had to consider the risk and benefit of new regulations. A question that risk assessment professionals often face is: what is an acceptable number of individuals that might be harmed by a specific product. With respect to chemical products, most U.S.

agencies try to control occupational risks in the range of a few per 1,000. For environmental risks, most U.S. agencies try to control risks in the range of a few per 100,000.

Within risk management, some individuals are dedicated to a discussion of "how safe is safe"? In The Perception of Risk, Paul Slovic discusses the fact that the public as a whole is willing to take risks "from voluntary activities (eg. skiing) roughly 1,000 times greater than it would from involuntary activities (eg. eating food with preservatives) that provide the same level of benefit." In addition to "voluntariness," other factors such as perceived control, familiarity, and immediacy played important parts in individual attitudes towards risk. These same factors apply to conservators when they make choices about chemical use.

An important distinction needs to be made between toxicity and hazard. The term toxic means capable of causing injury or death. It does not describe the potential of causing this harm in a particular environment, and the mere fact that something is toxic does not mean that a meaningful dose of the product is present. Theoretically, all agents are potentially toxic and it is the dose and route of exposure that can determine the potential of that agent to cause harm.

Hazard, or risk, is the probability that a certain substance will cause harm in a specific situation. A toxic chemical that is in a sealed container has inherent toxicity, but presents little or no hazard. When the chemical is removed from the container and used in a closed space without appropriate ventilation or protective equipment, a hazard may exist.

Hazard Control and Risk Management Process

A hazard control and risk management process can be

implemented by various operations (labs, fieldwork stations, shops, etc.) and can focus on overall activities, specific processes, or new operations. The British Health and Safety Executive simply defines risk management as "a process that involves assessing the risks that arise in your workplace, putting sensible health and safety measures in place to control them and then making sure they work in practice." The hazard control and risk management process is a continuous improvement cycle with these basic steps:

- Identify the hazards
- Decide who might be harmed and how
- Evaluate the risks and decide on precautions when appropriate
- Record your findings and implement them
- Review your assessment and update if necessary

Hazard Identification

Hazard identification begins with a thorough workplace evaluation with a close look at the operational steps, a review of equipment used and inherent hazards, a review of the materials or products used in the immediate workplace (including Material Safety Data Sheets), adjacent areas, and the ambient environment, and a careful observation of how the workers actually conduct the work. If it is determined that there is something potentially hazardous in a workplace through the hazard identification, appropriate hazard controls should be implemented. The major steps of a job hazard analysis are listed in box 1.

Interpreting Results

If there is an OEL, environmental regulation, or other guideline level, these can be used for comparison to the concentration of the stressor in the particular environment. The factors that lead to the development of the standard should be considered when evaluating the applicability of the standard to a particular situation. For example, a work place OEL would not be used to evaluate exposure to the public.

There are also some situations for which there are no guidelines to rely on for data interpretation. A good example is the situation of mold or fungi. Fungi are generally evaluated with respect to two factors—concentration and the types of organisms present. Indoor concentrations should be at levels near or below outdoor levels. Indoor levels in excess of outdoor levels or the presence of a significant number of different types of organisms in comparison to outdoors, suggest an indoor source of fungi contamination. In the case of fungi or chemicals in which there has been limited or no research, data interpretation requires a more specialized approach. In some cases, a full risk assessment or research effort may be required. The lack of an appropriate limit does not permit concluding that the agents or characteristics do not pose a potential health risk.

For situations where there is no obvious or regulatory-driven guidance on acceptable exposure, conservators should work with various parties involved in the project or at the institution to determine how to establish an acceptable exposure level. These situations may require advice from specialists, such as industrial hygienists, occupational physicians, legal representatives, risk or insurance representatives, public affairs personnel, and other appropriate parties.

There may also be airborne concentrations of certain agents or characteristics that are acceptable or desirable for collections, objects, or museum materials that will not be the same as those from the occupational exposure and

Box 1. Major Parts of a Job Hazard Analysis

- 1. List the major tasks of the operation in question.
- 2. Determine the possible injury or illness hazards, and judge the degree of risk posed by the hazard in relation to the frequency and duration of worker exposure during the task, versus the severity of the injury or illness posed by the hazard.
- 3. If the stressor is one that can be measured quantitatively (e.g., chemical, biological, ergonomic), employee exposure or environmental assessments should be performed.

environmental health fields. Some of these studies have been published in various journals and publications from the fields of conservation and museum studies. *Pollutants in the Museum Environment*, by Pamela Hatchfield, lists many concentrations of chemical compounds that are believed to be damaging to various museum materials.

Controls

Effective methods for reducing unacceptable exposures include replacement of hazardous materials with safer substitutes, engineering controls (a more permanent and physical barrier method), administrative methods (safe work practices, worker rotation, training, preventive maintenance), and the use of respirators and other PPE. Many workplace hazards will require a combination of controls, not only to maximize the hazard reduction. but also to offer redundant controls in case of system failures. These controls are described in box 2.

Many conservators and museum professionals assume that engineering or administrative controls are not viable options. However, these should be considered prior to acceptance of PPE as the only alternative to reducing or eliminating

Box 2. Hierarchy of Controls

When implementing controls, this is the preferred order of approach:

- Engineering Controls Including substitution with less hazardous materials, as well as ventilation, isolation, guarding, and other methods. Engineering controls are recommended as the primary means of control with the idea that reducing or removing hazards from the workplace will be the best method to reduce the potential for overexposure. Engineering controls are considered a more permanent solution to reduce or remove hazardous exposures.
- Administrative Controls Including actions that can be directed to reduce
 or remove hazards. Administrative controls don't necessarily remove a hazard
 from a workplace, but do theoretically reduce the duration or magnitude of
 exposure. Administrative controls can be implemented as a matter of policy
 and require the acceptance of those that will be using these methods to control hazards.
- Personal Protective Equipment (PPE) Chosen to protect from specific
 hazards and should be considered the last resort for protection or used when
 engineering and administrative controls are not feasible. PPE may also reduce
 individual's exposures but they require correct use and maintenance and are
 not effective when individual behaviors or habits circumvent the protection.
 The effectiveness of PPE is contingent upon the acceptance of the wearer and
 the degree that the PPE is effective and fits the wearer.

hazards in the workplace. Many engineering and administrative control solutions are easy to implement and carry out, especially in a museum or conservation laboratory setting.

A job hazard analysis, as well as interpretation of the results and implementation of controls, can be performed by conservators as well as those in more industrial operations. In the U.S., many operations run by conservators technically are considered laboratories, and the requirements for laboratories spelled out in the OSHA Laboratory Standard are fully applicable.

Who ultimately decides if something is too "risky" and whom are you trying to protect?

While the conservator may play an important role in risk assessment, risk management may not ultimately be the sole responsibility of the conservator. In some institutions, legal counsel, public relations, human resources staff, or claims management/insurance staff may play a role in risk management. Protection may be needed for outside researchers or visitors, and

these other entities may need a say in the decisions about how to control risks. If hazards are associated with only conservators or museum staff, then OELs and workplace standards may be applicable. In these circumstances, how a job is performed or the appropriate use of PPE may be dictated by an analysis of the job being performed within a particular space. For these cases, risk assessment may dictate the solutions posed, such as increased buildingwide ventilation or restricted handling of certain products. If the hazards are associated with the public, environmental risk standards may be more applicable. Where the parties may be mixed or not easy to define (such as visiting researchers or objects that will be shown to children) the application of existing risk levels may not be appropriate.

Finally, the evaluation of risk, the management of the risk, and the development of risk reduction strategies are only ultimately effective when the risk is communicated to staff in order to elicit their participation in preventive policies. Failing to effectively communicate information about risks or lack

of risks, associated with particular projects or products, can cause serious alarm and concern, which in some cases may be completely unwarranted. The same is true of the potential risks of a material or activity with which conservators may be involved during the course of their work. Risk assessment and risk management are important components of a comprehensive health and safety program. Understanding the potential risks and solutions to hazards in the workplace is achievable and essential for protecting workers, visitors, the public, and museum collections.

—Dennis C. Ertel, Jr., CIH, CSP, REM, Former Member of AIC Health and Safety Committee and Chief Operating Officer, Sandler Occupational Medicine Associates, Inc., Gaithersburg, MD, dertel@somaonline.com

2009 Annual Meeting Summary Addendum

Philip Klausmeyer of the Worcester Art Museum (WAM) and Mark Mudge of Cultural Heritage Imaging (CHI) presented a newly developed surface imaging technology known as Reflectance Transformation Imaging (RTI) as part of the general session at the 2009 AIC Annual Meeting in Los Angeles. Funded by the Andrew W. Mellon Foundation, they designed and fabricated a domed lighting array for use with small objects to produce interactive digital image files containing three-dimensional information in addition to color. This technique produces images that represent the surface textures of works of art with remarkable clarity and are of great benefit and interest to conservators, curators, scholars and the general public.

Our apologies that mention of this important project was not included in the July issue of *AIC News* (vol. 34. no 4.).

information, contact project coordinator Mary Rogers at mrogers@heritage-preservation.org.

Preservation Professionals Spearhead Alliance for Response Programs

Heritage Preservation's Alliance for Response initiative has reached hundreds of individuals from collecting institutions and historic sites across the country. Launched in 2003, Alliance for Response is a series of one-day, invitation-only Forums designed to link cultural heritage and emergency response leaders. Through follow-up initiatives, it fosters cooperative disaster planning, provides essential training, and helps to integrate cultural heritage into local emergency plans.

Four new Alliance for Response Forums will take place in 2009 in Denver, Colorado; Raleigh, North Carolina; Savannah, Georgia; and Woodstock, Vermont. More information is available on Heritage Preservation's Alliance for Response Web site at www.heritagepreservation.org/AfR/index.html.

Attention CAP Assessors

CAP recently sent all CAP assessors the updated Handbook for Assessors. This document combines the former Best Practices for General Conservation Assessments, The Conservation Assessment: A Tool for Planning, Implementing, and Fundraising, and a wealth of additional documents and resources for CAP

Mark your calendar for November 17, 2009 when Heritage Preservation holds its Annual Meeting in Washington, D.C. The meeting will feature briefings on new developments in federal support for preservation and conservation as well as on new and continuing programs at Heritage Preservation. If you are not a Heritage Preservation member but would like to receive more information on the meeting's developing program, e-mail Lauren Hunley at lhunley@heritagepreservation.org.

assessors.

CAP also recently emailed the Assessor Update, an e-mail newsletter with reminders and notices about program updates. In the newsletter there is a link to a survey for assessors, which we encourage all CAP assessors to fill out. If you would like to receive the link to this survey again, please contact the CAP office at cap@heritagepreservation.org.

AMERICAN ASSOCIATION OF MUSEUMS (AAM)

Reinventing Accreditation: Diagnostic Phase Results

AAM is in the process of evaluating how best to reinvent its accreditation program to better support the museum community, be more relevant and accessible, and expand participation and benefits. Through generous funding by the Kresge Foundation and IMLS, AAM hired McKinsey & Company to do the diagnostic phase of this process. Throughout March and April, AAM surveyed 12,000 institutions nationally and received more than 1,200 responses; we also conducted in-depth interviews with 14 museum service providers and representatives of specific constituent groups. The responses informed an understanding of how organizations perceive accreditation, brought to light needs and priorities, and provided reactions to alternative accreditation models.

-From AAM's AVISO, July 2009

New Publications

Advances in the Protection of Museum Collections from Earthquake Damage, Papers from a Symposium Held at the J. Paul Getty Museum at the Villa on May 3-4, 2006, edited by Jerry Podany, is intended to reach a mixed audience of conservators and technicians and inform them of steps that can be taken to mitigate damage due to earthquakes. 208 pages. \$75.00. Published by Getty Publications, 2006.

Building Stone Decay from Diagnosis to Conservation, edited by R. Prikril and B. J. Smith, aims to strengthen

JAIC Submission Deadline

November 1 is the next manuscript submission deadline for JAIC. To submit a manuscript, first check the guidelines for authors available on www.conservation-us.org/jaic. For more inforation, contact the AIC publications manager at brodgers@conservation-us.org.

knowledge about dealing with the causes, consequences, prevention and solutions to stone decay problems. 330 pages. Published by the Geological Society, Special Publication 271, 2007.

Decolonizing Conservation: Caring for Maori Meeting Houses Outside New Zealand, edited by Dean Sully, examines conservation activities at Maori marae—meeting houses—located in the U.S., Germany, and England and contrast them with changes in marae conservation in New Zealand. 256 pages. \$65.00. Published by Left Coast Press, 2008.

UTIMUT: Past Heritage - Future Partnerships, edited by Mille Gabriel and Jens Dahl, is the outcome of an international conference on repatriation of cultural heritage that was held in Nuuk, Greenland February 13-15, 2007. The book identifies a need to move beyond discussions of ownership, power, and control of lost cultural heritage and ancestral human remains in favor of exploring new kinds of partnerships between museums and the peoples or countries of origin—partnerships based on equitability and reconciliation. 216 pages. 26 Euro. Published by the Greenland National Museum & Archives and IWGIA, 2008.

Zinc Sculpture in America: 1850–1950, by Carol A. Grissom, is an essential aid for anyone seeking to replace missing parts, determine suitable paint treatments, or engage a qualified conservator. The book includes information from oral histories of manufacturers, historic trade catalogues, and other ephemera, as well as a catalogue of more than 800 statues organized by type. 705 pages, 554 illustrations. \$65.00. Published by the University of Delaware Press, 2009.

Diagnostica per i beni culturali:

tecnologia e metodologia applicata all diagnosi e studio delle opera d'arte, by Massimo Ceroni and Giuliana Elia, surveys the scientific methods, both non-destructive and destructive, used to analyze works of art. 325 pages. Published by Alinea, 2008.

Plant Biology for Cultural Heritage: Biodeterioration and Conservation, originally published in Italian in 2005 by Nardini Editore as La biologia vegetale per i beni culturale: biodeterioramento e conservazione and edited by Giulia Caneva, Maria Pia Nugari, and Ornello Salvadori, is a collection of scientific contributions from the field of plant biology and microbiology as they relate to biodeterioration and conservation of art, architecture, and archaeological sites around the world. 408 pages. Published by the Getty Conservation Institute, 2008.

Scientific Examination for the Investigation of Paintings: A Handbook for Conservator-restorers, edited by Daniela Pinna, Monica Galeotti, and Rocco Mazzeo, is one of the outcomes of the Eu-ARTECH project. Published by Centro Di, 2009.

In 2009 the British publisher Donhead added the following titles to its list of classic reprints on building and construction topics: Practical Masonry: A Guide to the Art of Stone Cutting, by William R. Purchase (originally published in 1896); Plastering Plain and Decorative, 4th ed., by William Millar and George P. Bankart (originally published in 1927); and Geometry of Construction, 2nd ed., by T. B. Nicholls and N. P. Keep (originally published in 1954).

—Harriet Stratis, JAIC Book Review editor and Sheila Cummins, Research Associate for Collection Development, Getty Conservation Institute

Worth Noting

Integrated Pest Management Working Group Update

The Integrated Pest Management Working Group (IPM-WG) gratefully acknowledges the recent donations from PSG, WAG, and BPG to support the upgrade and redesign of www.museumpests.net. These groups join OSG, CIPP, and seven

other organizations and institutions in supporting this community-driven, collaborative effort to develop and make IPM information accessible for the benefit of the preservation community. The AIC specialty groups have been critical partners in helping us meet the fundraising goals. For a full list of sponsors please visit the website. The new, more user-friendly design is now online and we are continuing to migrate, update, and add content as well as functionality over the next months. Feedback from the community is always valued and there are many easy ways to participate. For further information please contact IPM-WG Co-chair Rachael Perkins Arenstein at rachael@amartconservation.com.

The Iraq Cultural Heritage Project—A Collaborative Partnership to Create a Conservation and Preservation Training Institute

The Walters Art Museum, Winterthur Museum and Country Estate, and the Department of Art Conservation at the University of Delaware have been working collaboratively to further the mission of the Iraq Cultural Heritage Project. The strengths of the three institutions—museum, training program, and university—as well as the considerable experience of the individuals representing them have created a dynamic and dedicated partnership. This project was launched in October 2008 by the U.S. Department of State with nearly \$13 million in grant funding from the U.S. Embassy in Iraq. It is a multiyear undertaking implemented by International Relief and Development, a charitable non-profit that directs assistance "in regions of the world that present social, political and technical challenge." A central objective of this project is to assist Iraq in rebuilding the professional capabilities of its museums and its heritage and archaeology organizations, and to promote national unity by preserving its rich cultural heritage.

A major initiative of the Iraq Cultural Heritage Project is the

The Preservation Research and Testing Division of the Preservation Directorate of the Library of Congress will be hosting a Summit on Research and Technology Transfer for Cultural Heritage (SORTT) September 29-30, 2009. Approximately two dozen scientists from federal and other public laboratories will discuss advances in forensic, analytical, and polymer science research; industrial, earth resource, and aerospace technology; and cultural heritage preservation, focusing on micro, non-destructive, and lifetime predictive testing, standardized protocols and procedures, and scientific reference sample collections. For further information visit www.loc.gov/preserv/ symposia/researchtech.html or contact AIC member, Fenella France, frfr@loc.gov.

establishment of the National Training Institute for the Preservation of Iraqi Cultural Heritage, located in Erbil, a historic city in northern Iraq. The institute has two programs, a Collections Conservation and Management Program with an emphasis on museums and artifacts, and an Archaeology and Historic Preservation Program, with U.S. National Park Service oversight, concentrating on historical and archaeological sites, monuments, and buildings. The focus of the U.S. conservation partners is the design and development of the Collections Conservation and Management Program. The partners also are consulting on conservation issues and strategic planning for the Iraq National Museum in Baghdad and working closely with the Iraq State Board of Antiquities and Heritage.

There has been strong support from officials in Baghdad and Erbil for this initiative. The Prime Minister of the Kurdish Regional Government and the governor of Erbil province have provided a facility for the training institute (the former Erbil public library building) and sponsored its renovation. In collaboration with the engineering staff of Erbil province, the partners

have designed laboratories, classrooms, computer and documentation spaces, dormitory facilities, and a conservation and historic preservation library. Equipment for training in the preservation of archaeological materials has been specified and consideration has been given to future needs, such as the preservation of manuscripts.

The principal goal of this international initiative is to create a successful, professional program that will be managed by Iraqi stakeholders at the conclusion of the cultural heritage project. The collections conservation and management partners are very pleased to announce that Jessica S. Johnson, previously Senior Objects Conservator at the Smithsonian's National Museum of the American Indian, has been selected as the program's new director. Jessica has many years of experience in museums, and her extensive background in preventive and archaeological conservation and her strong teaching skills make her ideally suited for this new challenging position. Working with Jessica is Brian Lione, Project Coordinator for the Erbil programs and formerly Deputy Preservation Officer for the Department of Defense. Jessica and Brian are in Erbil working in consultation with the U.S. and Iraqi partners on renovating the Institute facility, finalizing the curriculum, and identifying instructors for the program. The first classes for the institute will begin in late September. Jessica has also recently traveled to Baghdad to carry out training and consultation at the Iraq National Museum with Gordon Davis, overall director of the grant project.

The Institute's primary areas of focus are to serve preservation and training needs throughout Iraq, to assist with the establishment of a professional environment within the Iraq National Museum and support its core objectives of preservation and scholarship, and to provide opportunities for professional development and capacity building for Iraq's museum and antiquities staff. A professional library as a resource for training is essential for meeting these goals. Initial publication lists have been created for the Institute library, and selected books have been identified for translation into Arabic.

Helping to build a conservation library is one meaningful way the AIC membership can collectively contribute to this important project. See box at right for more information on getting involved.

> —Terry Drayman-Weisser, Lois Olcott Price, Debbie Hess Norris, and Vicki Cassman

Collaborative Electronic Records Project

The three-year Collaborative Electronic Records Project (CERP) of the Smithsonian Institution Archives and the Rockefeller Archive Center concluded in December 2008. Among the project outcomes, the CERP Email Parser was produced and is now available to the archival and related communities as an open source software tool for the preservation of email accounts. The Email Parser (http://siarchives.si.edu/ cerp/parserdownload.htm) migrates an email account and its messages into a single XML file using the Email Account XML Schema developed in collaboration with the North Carolina State Archives and the EMCAP project.

The CERP Email Parser migrates an email account in MBOX format into XML, using the schema to preserve the full body of messages, together with their attachments, and keeps intact the account's internal organization (e.g., an Inbox containing subfolders labeled Policies, Special Events, and Projects). The CERP team has successfully preserved email accounts from a variety of applications including Microsoft Outlook, AppleMail, LotusNotes, and Netscape. All email messages retain their full header content, in contrast to some tools produced in earlier research

The parser runs on a workstation in a virtual machine environment compatible with Windows, Macintosh, Linux, and some Unix platforms. CERP testing was limited to the Windows XP environment. The CERP Email Parser is licensed as open source software so that it may be used, supported, and enhanced by all organizations that adopt it.

Publications Needed for Conservation Training Institute in Iraq

AIC members Jessica Johnson, Ruth Norton, and other partners have put together an initial list of books for the library and are soliciting donations. The University of Delaware, one of the partners with the Institute, is collecting the books for shipment. Each book will have a bookplate added indicating who donated the book in English, Arabic, and Kurdish. Please consult the book list available on the AIC website and then check your personal libraries for any of these books you are willing to donate. Once you have identified a volume that the program needs, you can contact Vicki Cassman at the University of Delaware and send the books there. More information, the list of books needed, and where to ship them is available at www.conservation-us. org/bookdrive.

The Email Parser is designed to address the task of preserving bodies of email, such as an account, without requiring access to the original email systems. Still, email accounts from active email systems may also be preserved using this tool.

For more information and to download the parser, visit http://siarchives.si.edu/cerp/parserdownload.htm. For more on the Collaborative Electronic Records Project, visit http://siarchives.si.edu/cerp/. Please direct email inquiries to FerranteR@si.edu.

—Riccardo Ferrante, IT Archivist and Electronic Records Program Director, Smithsonian Institution Archives, FerranteR@si.edu, published in part from the EMG-Membership mailing list

People

Jessica Johnson has recently relocated to Erbil, Kurdistan, Iraq to serve as the program director of Collections Conservation and Management at the new National Training Institute for the Preservation

of Iraqi Cultural Heritage (see page 12 for more information). The Training Institute is a part of the larger Iraq Cultural Heritage Project (ICHP), funded under a grant by the U.S. Department of State and implemented by International Relief and Development (IRD), a U.S.-based non-governmental organization. In addition to a number of other U.S. partners, the Walters Art Museum, Winterthur Museum and Country Estate, and the Department of Art Conservation at the University of Delaware are supporting the project. In the near future, Jessie and her colleagues will be blogging about their experiences. For now, she can be reached at jsjconservation@gmail.com.

Alan Phenix, scientist at the Getty Conservation Institute (GCI) was recently appointed as the new Editor in Chief for Studies in Conservation, the principal peerreviewed journal of the International Institute for Conservation of Historic and Artistic Works (IIC).

The Andrew W. Mellon Foundation announced that Angelica Zander Rudenstine will retire from her position as Program Officer for Museums and Art Conservation in March 2010. First as Senior Advisor and since 2001 as Program Officer, Mrs. Rudenstine has been responsible for the Foundation's grant-making in this program since 1993.

Patricia Rubin has been appointed as the new Judy and Michael Steinhardt Director of the Institute of Fine Arts, New York University. Michele Marincola, who has had an exciting and challenging year as Interim Director of the IFA will focus on teaching in fall 2009 and go on sabbatical during 2010. Hannelore Roemich will remain Acting Chairman of the Conservation Center until Michele returns in January 2011.

ANAGPIC

Conservation Center of the Institute of Fine Arts, New York University

Since its inception in 1960, the Institute of Fine Arts' Conservation Center has been dedicated to graduate teaching and advanced research in the conservation and technology of works of art and historic artifacts. We prepare students for careers in the field through a rigorous four-year program that combines practical experience in conservation with art historical, archaeological, curatorial, and scientific studies of the materials and construction of works of art. Our future holds new direction with the appointment of Patricia Rubin, formerly from the Courtauld Institute of Art in London. as director of the Institute of Fine Arts.

In September, we welcomed the class of 2012. This exceptional group comes from diverse backgrounds such as anthropology, fine arts, biology, and Japanese studies. This class is the first to experience the Center's new core curriculum, which places a greater emphasis on coordination between science and technology classes, elimination of redundancies, and addition of new material. It also emphasizes a renewed commitment to objectbased instruction and reinforces the Institute's traditional emphasis on producing graduates with excellent written and verbal communication skills.

We were delighted to add two renowned conservators, Carol Stringari, Chief Conservator at the Guggenheim, and Steven Weintraub from Art Preservation Services, to our faculty. Carol offered a seminar open to art historians and conservators on the preservation of contemporary art and Steven co-taught Preventive Conservation, one of the two new courses added to the Center's core curriculum.

The Center's faculty and students continued to produce valuable scholarly research in the past year. Professor Margaret Holben Ellis and thirdyear paper student Eliza Spaulding

undertook analytical research of a Titian drawing in the Morgan Library and Museum's collection. Their research was presented in a paper entitled "The Application of Imaging Techniques to a Drawing Attributed to Titian, 'Landscape with St. Theodore Overcoming the Dragon'," in Florence last fall at the international conference Die Techniken der Renaissancezeichnung: vom Material zum Stil.

We held a rigorous series of lectures and workshops over the past year, including Dyed Pulp Infills with Alan Buchanan from the U.K. and Modular Cleaning Program with Chris Stravroudis; the latter was made possible through a grant from FAIC. Mark S. Tucker, Vice Chair of Conservation and Senior Conservator of Paintings at the Philadelphia Museum of Art, delivered the 2008 Kress Lecture in Paintings Conservation in November. Entitled "The Recovery of Pictorial Ideas," his lecture explored how alterations of appearance, configuration, or context to paintings can diminish the work's capacity to represent the ideas that drove its original creation.

This year also marks the start of our Leon Levy Visiting Fellows in the conservation of archaeological materials program and we welcomed our first, Alma Bardho from Albania. She will receive training in the essential competencies of conservation through a specially designed one-year program. The Fellowship will be available to other qualified individuals annually over the next four years.

This August, we were pleased to offer a four-week summer training program in surveying historic collections at the Park Avenue Armory. The project, coordinated by institute lecturer Leslie Ransick Gat, includes student participants from NYU, University of Delaware/Winterthur, and Institut National du Patrimoine in France, among others.

For more information about the program and upcoming events, we encourage you to visit our redesigned website at ifa.nyu.edu.

—Anuja Batala

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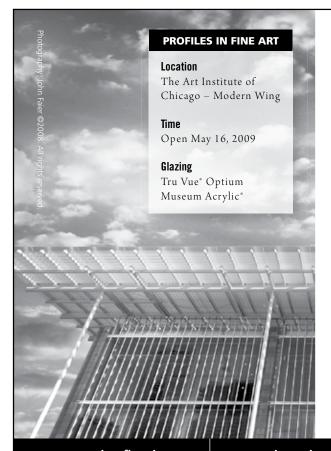


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SPECIALTY GROUPS



ARCHITECTURE

AIC 2101 Annual Meeting: Tony Rajer, in conjunction with AIC Membership and Meetings Director Ruth Seyler, is organizing a Frank Lloyd Wright Architectural tour of Racine, Wisconsin for the meeting which will include Johnson Wax, Wingspread, and other sites of interest. If anyone has any recommendations regarding restaurants, other possible events, or panel discussions please contact Joshua Freedland.

ASG Email Distribution List:

The ASGList is the e-mail distribution list for the Architectural Specialty Group. The ASGList provides a valuable forum for ASG members to post questions, reply to their colleagues' questions, and provide general information related to conservation of the built environment. Postings can focus on research, materials, treatments, resources, RFQs, RFPs, products, consultant referrals, germane professional announcements, etc. All postings should be group-appropriate and brief. Subscriptions are free, but are only open to ASG members in good standing with AIC.

ASG Website: The ASG website is changing! Suggestions, ideas, or submissions regarding the ASG website, its functions, and purposes are requested. The ASG website should function first as a central information site for the ASG membership and to provide resources such as links or event postings of interest. Second, the website should be an educational platform for the visiting public. And third, we can use the site to recruit potential new members. Proposals regarding the website should be sent to Tina Reichenbach at tinar@tina-reichenbach.com.

Volunteering: Take part and help out ASG this year. There are a number of volunteer opportunities:

- The AIC wiki needs input from architectural conservators to include architectural materials and to edit other entries to include architectural applications. If you are interested in helping out, please email Kevin Daly at KDaly@wbmelvin.com.
- You can also participate in any of the ASG committees including the Publication Committee and the Membership Committee. Becoming a PA or Fellow is a great way to raise the profile of the ASG.
- In addition to contributing to the ASG website, we should also be adding to AIC's website. One possibility is to contribute a "Conservation Story" written by conservators about their work. Please see the article on page 4, or contact Rachael Arenstein, the AIC's e-editor. The AIC website now also has a calendar of events, and we need to add ASG-related activities!
- Encourage more student memberships in ASG. This year we approved allocation of money to offset much of the cost of joining the AIC for students who will also join the ASG.
- Find an Angels Project to be held the weekend of the 2010 Annual Meeting.
- Connect with the Emerging Conservation Professional Network (ECPN). A network for those just entering or thinking about entering the field of conservation, this group helps individuals transition from pre-training student, to student, to conservation professional by enhancing the dialogue among conservation students, entry level conservators, and experienced conservators. Become a mentor.

Grants/Scholarships: To get the word out, AIC has a Professional Development program that provides

money for continuing education and more ASG members should apply for these grants. Likewise, students and recent graduates who are AIC members can apply to the Stout Fund for money to attend the annual meeting and other conferences and seminars as well.

Please send me an email if you have any news or information you would like included in the next column.

—Leslie Friedman ASG Secretary/Treasurer friedman.la@gmail.com



BOOK AND PAPER

New Officers: New officers were announced at the BPG Business Meeting in L.A. Jennifer Hain Teper has been elected for a second term as Secretary/Treasurer. Our new Assistant Program Chair is Jo Anne Martinez-Kilgore. As last year's Assistant Program Chair, Jodie Utter becomes Program Chair. You will be hearing from Jodie soon regarding plans for the BPG program for the 2010 AIC annual meeting in Milwaukee, May 11-14, 2010.

We strive to have elections contested so that our membership has a choice, and we greatly appreciate all the highly qualified members who agree to run for office so that this opportunity is maintained. Thanks to Jan Burandt, Jane Stewart Smith, and Ann Frellson for their participation in the recent BPG elections.

The Nominating Committee members this year will be Emily Jacobson, Chair, as well as Laura McCann and Priscilla Anderson. The next slate of candidates will be announced in the spring.

Spending BPG Reserves: You may have noticed in the proposed















October 21





2010 budget that our Secretary/ Treasurer, Jennifer Hain Teper, noted that the Paper Conservation Catalog (PCC) account currently has \$17,000 in reserve. This amount has been accumulating for a number of years, and is primarily the result of proceeds from sales of the PCC. As the AIC Executive Board has encouraged specialty groups to spend down reserves to a level of approximately six months worth of operations budget, the BPG Executive Council and the BPG Publications Committee (Karen Zukor, Chair) are reviewing publications-related projects toward which we can gradually begin to apply these funds. We will be considering programs that address BPG's desire for greater access to information and research in our field, and we encourage your comments and suggestions.

BPG Annual Format: At the BPG Business Meeting in L.A. there was much discussion about the Annual and the concept of going solely electronic with a PDF printable version or to use a print-on-demand version. Many of us prefer being sent the printed bound version of the Annual, though we have to be conscious of resources and waste. Just to assure everyone, there will be no rush to judgment on this issue. The Publications Committee will work to provide information to the membership on the financial implications. We will then poll the membership in a fair and even wav.

New Chair of Education and Programs Committee:

Unfortunately, Glen Ruzicka has had to step down as chair of the Education and Programs Committee. Many thanks to Glen for having served in that role for these past two years.

We are quite pleased to announce that Yasmeen Khan has agreed to replace Glen as Chair. The Executive Council has asked Yasmeen to review the goals and mission of this important committee before determining a plan of action. Based on a review of the BPG guidelines and files, as well as discussions with members of the committee, she will make recommendations to the Council sometime after the first of the year. We hope to have a brief status report in writing for the membership by this spring.

—Sue Murphy, BPG Chair suemurphy2@mac.com



CIPP

2009-2010 CIPP Board Agenda:

For the last few decades, those considered to be in "private practice" were known as trained professionals who worked largely outside formal institutions. Our world is changing dramatically. Many colleagues decide to work outside their cultural institution and more young conservation professionals decide to remain in private practice. Because conservators working within larger institutions focus mostly or solely on their own collections, the care of the remaining myriad of objects falls largely into the hands of those in private practice. For this reason, CIPP must continue to commit to the highest quality of care in our efforts toward saving cultural heritage. We are now utilizing public outreach resources and collaborating with AIC staff in conveying our commitment to the owners and curators of cultural heritage. Please, get involved with these plans. Join us on the cippnews-l@lists.stanford.edu or contact me with comments, opinions, and ideas.

Online Courses: Building on our successful 2008-09 pilot program, we are pleased to announce the continuation of the CIPP online meeting program "Managing a Professional Practice." Sign up for either or both series.

Series A:

September 16 What Is It I Do, Again? November 18 Branded! Guest Expert: Ruthe Farmer, Strategy

	Consultant
January 20	Conservation Space:
	What's In It For You?
	Guest Expert: Ken
	Hamma, Conservation
	Space Project Manager
March 17	Costs -> Prices ->
	Payment
May 19	Contracts for Conser-
	vation Services Guest
	Expert: Jessica Darraby,
	The Art Law Firm
Series B:	

	vation Services Guest
	Expert: Jessica Darraby,
	The Art Law Firm
December 16	Time Management/
	Productivity Software

Contracts for Conser-

Productivity Software and Your Conservation Practice

February 17 Metrics to Market:
Using Website Visitor
Stats to Improve Marketing Techniques
Guest Expert: Amy
Knapp, President,

April 21 Knapp Marketing
Greening Your
Professional Practice
Guest Expert: Patricia
Silence, Chair, AIC
Green Task Force

June 16 How're We Doing?

The online meetings will be held from 12:00-1:00pm EDT/EST. The registration fee is \$40 per series; individual meeting registrations (\$10) may be available a few days before each meeting. Details, including registration information, will be emailed to CIPP members and available on the CIPP website and at the Research and Writing blog (http://bit.ly/YuDPP).

Our highest standards for work should carry over into a high standard for all aspects of our practice. Every conservator with a private practice, whether full- or part-time, should be familiar with the federal, state and local requirements regarding health and safety, accounting and finance, and employment. We encourage all practicing conservators to take advantage of programs offered by the CIPP. Join





















us today! To join us on the CIPP listserve contact webmaster Jan Hessling, hessling@mindspring.com

AIC 2010 Annual Meeting: In keeping with the theme of our upcoming meeting, CIPP plans to allow members to exchange past experiences on what worked and what did not in our conservation practices, including marketing and outreach, employees and business, publishing articles, and making professional presentations. We all need as much support as possible to be able to respond to the overwhelming demands we are facing from the increasing number of collections at risk. Keep in mind the HHI Report at www.imls. gov/collections/about/video.htm

Plan to attend the meeting and take part in the transformation of our professional community.

—Joanna S. Pietruszewski, CIPP Chair joanna@aegisrestauro.com



ELECTRONIC MEDIA

AIC 2010 Annual Meeting: EMG Program Chair, Fletcher Durant, is currently compiling the program for our session at the meeting in Milwaukee, WI, May 11–14, 2010, based upon the theme for the general session.

Website and Listserv Migration:

EMG website director Holly Robertson is working full speed to migrate the EMG website to the new AIC site. By the time this column is published, the migration of the EMG website and listserv will probably be complete. You will receive information electronically when the website is up and running. We will use the occasion of the EMG website migration to extend our bibliography section as well as to implement information about electronic media curricula worldwide

and the education panel transcript from our last meeting in L.A.

EMG Publication: The EMG board is proud to announce its newly formed EMG publication committee: Jeffrey Warda, Gwynne Ryan, and Fletcher Durant. Based on the revenue received from the successful publication *The AIC Guide to Digital Photography and Conservation Documentation*, EMG will now be able to start publishing a periodical publication. The first issue will be based on this year's EMG program.

Additional Programming: During the recent EMG session in L.A., participants repeatedly pointed out that they struggle to define the role of electronic media art preservation within their institutions. This is due, in part, to the dearth of electronic media conservation education as well as the technological nature of the artworks itself leading to an overlap of departmental responsibilities amongst conservators, curators, technicians, registrars, art-handlers, etc. EMG wants to address this need through additional programming and is proposing systematically developed workshops on the preservation and presentation of electronic art. These technical workshops are meant to provide education in our field, basic technological insight, to contribute towards a create growing awareness, and work towards facilitating a common protocol to preserve electronic art. Right now EMG, through FAIC, is applying for a grant to fund a two-day workshop on Video Art.

> —Christine Frohnert, EMG Chair c.frohnert@verizon.net



OBJECTS

AIC 2009 Annual Meeting: The Los Angeles meeting was held in the "White House West," the hotel where

Sonny and Cher filmed their variety show and President Reagan gave press conferences. The service was superb, the food excellent, the prices high, and the nearby mall and grocery store well worth the visit. Two half days of OSG programs and a lunch with tips spread us over most of the meeting time. Our first day, when we were one of only two groups with programs, had the room packed to overflowing with close to 200 in attendance. That session's ethnographic papers were dedicated to Ginny Greene and presented to her with a memory book. Thank you Cap Sease for putting together that effort.

We had fewer attendees for the Friday program; a glitch on the web site had neglected to mention OSG was meeting then. The papers were excellent, with a good variety of materials, new technologies, and new treatment techniques. Thank you to all the presenters for doing such a superb job.

At the Thursday night business meeting we welcomed the new board: Helen Alten is President, Carolyn Riccardelli is program chair, and Megan Emery stays on as secretary/ treasurer. Megan reported that the OSG funds are slowly dwindling as we spend more than we receive each year. At this rate, our excess funds will be used up in about 5 years. Howard Wellman submitted a proposal for how OSG should deal with funding requests in the future. The board will review his proposal and submit it for a vote at next year's business meeting.

In May 2010, Objects will write the lead article for *AIC News*. Send ideas to Helen Alten at helen@collectioncare.org.

AIC 2010 Annual Meeting: Be part of AIC's 38th Annual Meeting, May 11-14, 2010 in Milwaukee, WI. OSG will follow the general meeting theme, but the program will focus on treatments – "Treatments Revisited" – which could be interpreted many ways. Here are just a few examples: re-examining/re-doing old treatments from before your time; re-examining/re-thinking treatments that you've



















done in your career; re-thinking a particular treatment technique. A portion of the OSG program will be devoted to tips. Please send tips (one brief paragraph) to Carolyn Riccardelli. If someone knows they can't attend the meeting, they can submit their tip electronically.

The OSG website is now linked from the main AIC website at www. conservation-us.org. More information will be added this fall.

> —Helen Alten, OSG Chair, helen@collectioncare.org



PAINTINGS

2009 PSG Business Meeting: The minutes from the 2009 PSG business meeting have been posted on the listserv. I also hope to have them posted on the PSG webpage by the time you read this. If you attended the meeting or read the minutes, you know that there was an unresolved issue regarding whether or not to offer an honorarium to the speakers from the PSG portion of the AIC annual meeting. This issue has come up time and time again. In an effort to settle the matter, we will have an electronic vote. The voting period will run from the end of September to the middle of October. Similar to the election last year, you will receive a ballot via email. If you do not receive a ballot by October 1, 2009 or if you do not have email access, please contact Ryan Winfield in the AIC office. We had a very good discussion about this issue at the business meeting in L.A. and I hope it will continue on the PSG listserv before the vote.

2009 Postprints: By this time, all presenters from the 2009 annual meeting in L.A. should have submitted their papers to our Publications Chair, Barbara Buckley. If you have not yet submitted your paper, please do so as soon as possible or it will not be included. Guidelines for authors can

be found the PSG page of the AIC website at www.conservation-us.org/ paintings.

AIC 2010 Annual Meeting: The 2010 annual meeting will be held in Milwaukee, WI, from May 11-14. By the time you read this column the deadline for paper submissions will have closed, but there will still be time to submit proposals for the Poster Session. I was pleased to see so many painting-related posters in L.A. and hope we have a repeat performance in Milwaukee. Also, it is not too early to start thinking about tips for our annual Tips Luncheon. If there is something you would like to share, please email our Program Chair, Bart Devolder at bdevolder@kimbellmuseum.org

PSG webpage: Many of you will have noticed that along with the new AIC website. PSG also has a new webpage. It is now much easier to update the page, so if there is anything you would like to see posted, please feel free to contact me.

Wiki: The AIC office is in the process of creating a wiki for all of the specialty group catalogs. The project is still in the development phase and we will keep you posted regarding the progress.

> —Joanna Dunn, PSG Chair j-dunn@nga.gov



PHOTOGRAPHIC MATERIALS

AIC 2010 Annual Meeting: As you read this, planning and preparation are underway for the meeting and the PMG program. The deadline for submission of abstracts was September 1, 2009, but if you have any questions concerning the PMG program, please contact Monique Fischer, PMG Program Chair at mfischer@nedcc.org as well as Ruth Seyler at abstracts@

conservation-us.org. More details will be coming in the next newsletters and via the aic-photographic listserv.

2009 PMG Business Meeting:

PMG held a Business Meeting as part of the 2009 AIC Annual Meeting. In addition to a report on PMG finances and approval of past meeting minutes, other topics were covered and are briefly reviewed below or will be addressed in future columns.

The new AIC website (www. conservation-us.org) is now live, and Paul Messier and others are currently working to move the PMG pages from their old site onto the new AIC site. We extend our thanks to Paul for all of the time and effort he has poured into the PMG web site, including his initial efforts to set it up, his work in maintaining it over many years, in addition to his many other contributions to the group and to AIC. Lisa Duncan deserves our thanks and acknowledgement of her interest and willingness to take on the duties of maintaining the PMG site when the transition to the AIC site has been completed.

Submissions are being compiled for Topics in Photographic Preservation, Volume 13. Our appreciation goes out to Brenda Bernier, who continues doing an excellent job as editor/ compiler of Topics and overseer of the Publications Committee. Thanks also to Camille Moore, who is helping Brenda as co-complier for this volume. Please contact Brenda at brenda_bernier@harvard.edu if you would like to contribute to this publication. On the subject of publications, it was noted that the respondents to the publications survey sent out last fall indicated that both electronic files and hard copy formats are desired. Further dialog on and planning for these aspects of publications is needed.

An update on the Photographic Materials Conservation Catalog was sent to the aic-photographic listserv in April 2009 by PMCC committee head Stephanie Watkins. In addition to the three existing chapters, there are four chapters in various stages, with





















the chapter on silver mirroring being edited. Those interested in contributing to the PMCC should contact Stephanie Watkins at sbwatkins@mail. utexas.edu for more information and will be directed to the chapter compilers. Thanks also to PMCC committee members John McElhone and Sarah Freeman for their continuing service. Gratitude and appreciation go out to Luisa Casella for all her time and work on the AIC wiki project, and for her on-going efforts in moving the conservation catalogs to this platform. Stephanie's service as the PMG Liaison for the AIC wiki project is also acknowledged. The AIC office and website will let everyone know when the conservation wiki site will be launched.

Funding of Projects: PMG has an on-going program to fund research, publications, or workshops, budgeted annually with a limit of \$1,200 to \$1,500 per individual or project. Earlier this year, Sylvie Pénichon was awarded a stipend to support research for her publication Care and Identification of 20th Century Color Photographs. The book will be produced in association with an exhibition at the Amon Carter Museum in Fort Worth. Sylvie will present her research to the PMG membership in a future meeting or publication.

Photograph Information Record (PIR): The final writable PDF version of the Photograph Information Record (the former Artist's Questionnaire) was launched in July. It has been officially accepted by AIC and PMG and is now available on the AIC website at www. conservation-us.org/PIR. Thanks to Nora Kennedy and Erin Murphy for spearheading this project, and to all of the contributors to this international

2011 PMG Winter Meeting: Mark your calendars for February 10-14, 2011, when the 2011 PMG Winter Meeting will be held in Ottawa, Canada. Both of the locations that had offered to host the meeting - Ottawa,

and Santa Fe, NM – have so much to offer, and were presented well, so the final vote was close. (The electronic ballot for selecting the next PMG Winter Meeting site was sent out to all 339 members in late June, and by the close of the survey almost four weeks later, 27% of the members had responded, which apparently is a good return on any survey or ballot). Both offers to host the meeting are appreciated, as are the efforts of the institutions and PMG members involved.

> —Barbara Brown, PMG Chair bnbrown@mail.utexas.edu



RESEARCH AND TECHNICAL STUDIES

AIC 2010 Annual Meeting: We at RATS hope everyone has had a great summer. The fall brings a number of conference deadlines. Although the abstract deadline for the general and specialty group sessions at the AIC 2010 annual meeting has passed, abstracts for posters will still be accepted at abstracts@conservation-us. org until October 15. Other upcoming conferences with open submissions that might be of interest include the Archaeological Iron Conservation Colloquium in Stuttgart, Germany, June 24-26, 2010 (abstracts are due December 31, 2009; www.iiconservation.org/events/); the ICOM-CC Working Group Glass and Ceramics, Corning, NY. October 3-6, 2010 (abstracts are due September 15, 2009; www.iiconservation.org/events); and the Chemistry for Cultural Heritage Conference, Ravenna, Italy July 2010 (abstracts will be due in April, 2010; details forthcoming at www.euchems. org/Divisions/Heritage/index.asp).

Green Task Force: The RATS group's interest in science makes us natural supporters of the AIC Green Task Force. Check out their growing web page at www.conservation-us. org/green where the GTF is compiling information to help our preservation and museum colleagues examine their practices and access useful resources. We encourage you to submit any resources or 'green tips' you might have regarding conservation treatment and lab practices, materials and supplies, waste disposal, recycling, etc., to green@conservation-us.org.

RATS Website: Lastly, I'd like to remind you to keep an eye on the new RATS website, at www.conservation-us.org/sg/rats, where we'll be adding announcements, resources, and other content as the months progress! Thanks to those in the AIC office for all their help with the web transition.

—Jennifer Wade, RATS Communications Officer, jwad@loc.gov



TEXTILES

AIC 2010 Annual Meeting: Plans are underway for our next annual meeting. The deadline for abstracts has past, but the deadline for posters is October 15, 2009. I am sure that TSG has much to say in relation to the topic sub-heading: Examining the Past/ Envisioning the Future.

We had a great number of papers (19 & one poster) presented this year in L.A. and I personally would like to see that happen again. Milwaukee is a lovely city and we are reviewing a number of great restaurants for our annual dinner.

Many TSG members and committees have been working hard since the meeting in L.A. I want to thank Anne Murray, former TSG Chair, for taking on the task of designing our new web page that will synchronize with the AIC web site as well as linking in our new TSG e-mail address: textiles@conservation-us. org. We look forward to expanding our communication within the group. Once these vehicles are in place, Seta



















Wehbé will monitor the email requests and Anne Murray will keep the web page updated. Details regarding how you may add your input will be forthcoming.

In addition, we have been sending out information via TSG-Announce. If you are not receiving these messages please register by contacting Rebecca Rushfield at wittert@juno.com. This list allows TSG members to communicate with one another.

Other Committee News: The TSG Catalogue committee met in August to coordinate its work and anticipates presenting three new chapters this year. The TSG Postprints committee has received all its submissions for the next publication, and will begin the editing process. This committee welcomes new editorial member Glenn Peterson. The TSG Award Selection Committee presented an update on TSG - Announce. If you did not see this notice and want more information please contact Ann Frisina.

Meg Geiss-Mooney, Board Treasurer, is keeping track of our finances; our 2nd quarterly report looks good.

> —Patricia Ewer, TSG Chair, pewer@citlink.net



WOODEN ARTIFACTS

AIC 2010 Annual Meeting: Since I was the Program Chair for the annual meeting in L.A. this year, I feel a little awkward saying this...but it sure was a great program! During the morning session of the first day, we welcomed a number of people who don't normally make it to our meetings, including Bill Ralston, who makes and restores furniture in Cooperstown, NY, and Emmanuel Maurin, who studies insects in wood at the Historic Monuments Research Laboratory in France. Bill discussed the practical aspects of using

carbon fiber in structural repairs, and Emmanuel talked about acoustic detection and identification of insects in wood. Charles Phillips came over from the Architecture group to tell us about his work using carbon fiber and glass to make some very dramatic restorations at Menokin, the ruin of Francis Lighthorse Lee's house in Virginia. Susanne Grieve (next year's Program Chair) talked about preservation and re-treatment of water-logged wood from the USS Monitor. Arlen Heginbotham and Michael Schilling talked about using laboratory analysis of Asian lacquers to determine the origin of the lacquer. The results indicate a higher degree of interconnectedness between Southeast Asia, Japan and European traders than has previously been understood. All of these talks were unusual and extremely interesting in their approaches and perspectives, and they made for an informative and entertaining morning.

Friday's session was equally interesting. Bill Adair talked about interesting experiments with reproducing carved gilding for the frame of an engraving of Louis XVI that was given to George Washington. Nancie Ravenel, Rachel Penniman, and Laura Brill talked about their experiments using pemulen, a synthetic polymeric emulsifier, to make gels to remove oil and grease from the Shelburne's carousel. Kathy Gillis talked about her work on a Majorelle Bedroom Suite with Anna Ostrup. Don Williams discussed using fabric and epoxy to make a rigid shell for use in non-intrusive upholstery, and Nigel Bamforth talked about saving the original upholstery and under-upholstery on a Globe Chair at the V & A. Finally, Arlen Heginbotham once again entertained and informed us with his discussion of the identification of black wood in the marquetry of J.F. Oeben. The wood had been dyed yellow with iron sulfide in the process of making it green, and the iron sulfide had blackened. Arlen included beautiful illustrations of the probable original appearance of the marquetry.

Those of you who were at the

conference but were unable to come on the tour of the Gamble House and Hollyhock House on Tuesday, missed something truly special. The Gamble House, built by Greene & Greene for the Gambles in 1907-09, is one of the truly great masterpieces of design in wood ever made in America. The Hollyhock House exemplifies all the genius, presumptuous arrogance and, frankly, incompetence that make up the character of Frank Lloyd Wright - that other master of American Architecture. Thanks so much to Ted Bosley and Peyton Hall at the Gamble House and Geoffrey Herr at the Hollyhock House for sharing their knowledge with us.

Thursday evening a bunch of us headed out to the Versailles Restaurant for some fantastic Cuban food and drink. The food and drink were plentiful and we all had a great time notwithstanding Peter Muldoon's comments about strange Cuban soft drinks!

Thanks: We all owe Peter a huge vote of thanks for his two years as chair of WAG. His advocacy for WAG within AIC has been unstinting, and yet he has always brought a positive approach to the interrelation of WAG and AIC. His mentoring of me when I was program chair was invaluable, and when we (very occasionally) disagreed, we always did so cheerfully. So thanks, Peter, from me and all of WAG, for everything.

> —John Childs, WAG Chair jchilds@historicnewengland.org

Reasons Not to Know CPR:

- 1. I only hire people in good health
- 2. We all weigh exactly what we weighed when we were 18
- 3. No one has high blood pressure, diabetes, high cholesterol
- 4. Only young people work here
- 5. We never have accidents
- 6. We only have healthy clients
- 7. I took life saving when I was in college.

—A reminder from the Health & Safety Committee

COURSES. CONFERENCES. AND SEMINARS

CALL FOR PAPERS

March 3, 2010. 9th International Infrared and Raman Users Group Biennial Conference, Buenos Aires, Argentina—Contact: www.irug9.org. Abstracts accepted until October 31, 2009.

March 23–25, 2010. Multidisciplinary Conservation: A Holistic View for Historic Interiors, ICOM-CC Interim Meeting, Rome, Italy—Contact: Send abstract to relevant coordinator: Wood, Furniture, and Lacquer—margarets@ag.nsw.gov.au; Textiles—elsje.janssen@stad.Antwerpen.be; Sculpture, Polychromy, and Architectural Decoration—k.seymour@sral.nl; Mural Paintings, Stones, and Rock Art—artcare@iprimus.com.au; Leather and Related Materials—mariabianca. paris@tin.it. Abstracts accepted until September 30, 2009.

June 24-26, 2010. Archaeological Iron Conservation Colloquium in Stuttgart, Germany—Contact: www. iiconservation.org/events. Abstracts accepted until December 31, 2009.

July 2010. Chemistry for Cultural Heritage Conference, Ravenna, Italy—Contact: www.euchems.org/ Divisions/Heritage/index.asp. Abstracts accepted until April 2010, details forthcoming.

October 3-6, 2010. ICOM-CC WG Glass & Ceramics Interim Meeting at the Corning Museum of Glass. Corning, NY—Contact: hannelore. roemich@nyu.edu. Abstracts accepted until September 30, 2009.

October 8-9, 2010. Experts' Meeting on Enamel Conservation – Enamel Group of the ICOM-CC Glass and Ceramic WG. The Frick Collection, New York, NY—Contact: Agnès Gall-Ortlik, gallortlik@yahoo.fr. Abstracts accepted until September 30, 2009.

October 11-15, 2010. Call for Posters: Interim Meeting of the ICOM-CC Metal Working Group, Charleston, SC—Contact: 843-744-2974 ext. 20, LNASANE@clemson.edu. Abstracts accepted until December 1, 2009.

November 4-7, 2010. Costume Colloquium 2: Dress for Dance, Florence, Italy—Contact: dressfordance@costume-textiles. com, www.costume-textiles.com. See website for info on abstract submissions.

GENERAL

September 21-25, 2009. 8th International Conference on Lasers in the Conservation of Artworks (LACONA 8). Sibiu, Romania—Contact: lacona8@inoe.inoe.ro or Andrea Bernath, andrea.bern@muzeulastra.ro

September 22-24, 2009. AICCM national Conference, Freemantle, Australia. –Contact: www.aiccm.org. au/public/viewEvent/aspx?id=72

September 24–25, 2009. Symposium on Principles of Conservation. Royal Academy of Arts, London—Contact: Alison Richmond, a.richmond@vam. ac.uk.

September 24-26, 2009. The Best in Heritage 2009, EUROPA NOSTRA, with Dubrovnik Creative Heritage Forum—Contact: www. thebestinheritage.com/event/prijava_eng.php

September 24-26, 2009. Wax Moulanges as Cultural Artefacts: Investigation, Conservation and Restoration, Dresden, Germany— Contact: www.dhmd.de/neu/index. php?id=1523

September 29-30, 2009. Summit on Research and Technology Transfer for Cultural Heritage (SORTT), The Preservation Research and Testing Division of the Preservation Directorate of the Library of Congress, Washington, D.C.—Contact: www.loc.gov/preserv/symposia/ researchtech.html October 12, 2009. Joint Traditional Paint Forum / Society for the Protection of Ancient Buildings Technical Day, London—Contact: http://ctt-news.org/6S6-195O-NBP9W-BXS2-1/c.aspx

October 17-22, 2009. Adhesives and Consolidants for Conservation: Research and Applications, Ottawa, Canada—Contact: Season Tse, season. tse@pch.gc.ca, 613-998-3721.

October 21-23, 2009. The New Zealand Conservators of Cultural Material National Conference 2009, Auckland, New Zealand—Contact: David Ashman, +64 9 375 3366, david.ashman@aucklandcity.govt.nz

October 22-23, 2009. Conservation of modern materials in applied arts and design, Munich, Germany—Contact: www.die-neue-sammlung.de

October 23, 2009. Conservation Symposium: Art Conservation in the Pacific Northwest, Seattle, Washington—Contact: Dana K. Senge, dana@dksconservation.com or (206) 225-0993

October 26-28, 2009. Surface Metrology Applied to Cultural Heritage and Art Conservation, at the International Conference on Surface Metrology, Worcester, MA—Contact: www.surfacemetrology.org/

October, 26-30 2009. Workshop on Low Energy Climate Control in Museums and Archives, Copenhagen, Denmark—Contact: www.padfield.org/

October 30-31, 2009. Crossing Borders: The Conservation, Science and Material Culture of East Asian Lacquer. London, U.K.—Contact: +44 20 7942 2211, www.vam.ac.uk

November 4-6, 2009. 14th International Congress: Cultural Heritage and New Technologies, Vienna, Austria—Contact: www. stadtarchaeologie.at/tagung/einhalt. htm

COURSES, CONFERENCES, AND SEMINARS



2009 PROFESSIONAL DEVELOPMENT WORKSHOPS

The following courses are presented with funds from the FAIC Endowment for Professional Development, which is supported by The Andrew W. Mellon Foundation and by contributions from members and friends of AIC. Full descriptions and registration forms are available on the AIC website (www.conservation-us.org) or from the AIC Office: (202) 452-9545, ext. 8.

REGIONAL WORKSHOPS

- Reading the Paper: The Identification of Paper, Williamstown, MA, October 1-2
- Adhesives for Conservation*, Shepherdstown, WV, October 5-9
- Removal of Pressure-Sensitive Tapes and Tape Stains, Morrow, GA, October 26-30

*Event is funded in part by a grant from the National Endowment for the Humanities. Special scholarship funds available for U.S. residents. FAIC scholarship application deadline is September 15.

CO-SPONSORED WORKSHOPS

- College of Microscopy, IL, 4 courses
- Campbell Center, IL, 4 courses

See www.conservation-us.org for complete course listings and FAIC co-sponsored courses

FAIC ONLINE COURSES

- Laboratory Safety for Conservation, September 10-October 7
- Marketing for Conservation, October 22-November 18

November 4-5, 2009. The Art of Conservation: Materials, Methods, and Ethics, The Wallace Collection, London, U.K.—Contact: art-ofconservation@live.co.uk

November 13, 2009. Traditional Paint Forum 2009 Conference, London— Contact: http://ctt-news.org/6S6-195O-NBP9W-BXS1-1/c.aspx

March 25-26, 2010, 2010 ICON CONFERENCE, Cardiff University, U.K.—Contact: ICON website or HendersonLJ@cardiff.ac.uk.

May 5-6, 2010. 2nd International Mountmakers Forum, Smithsonian Institution, Washington, D.C.— Contact: Shelly Uhlir, uhlirs@si.edu

May 23-26, 2010. "Museums Without Borders," AAM Annual Meeting, Los Angeles, CA—Contact: www.aam-us. org

Spring, 2010. "Out of Sight-Out of Mind?" International Assocation of Book and Paper Conservators Symposium, Prague, Czech

Republic—Contact: Birgit Reissland, birgit.reissland@icn.nl

September 20-24, 2010. IIC Congress 2010: Conservation and the Eastern Mediterranean, Istanbul, Turkey-Contact: iic@iiconservation.org

October 17-22, 2011. Adhesives and consolidants for conservation: research and applications, Ottawa, Canada— Contact: www.cci-icc.gc.ca/

ARCHITECTURE

November 2-6, 2009. Preservation in the City Without Limits, Association for Preservation Technology International, Annual Conference, Los Angeles, CA—Contact: www.apti.org

December 10-12, 2009. "Luminous architecture in the 20th century," Ecole nationale supérieure d'architecture, Nantes, France-Contact: www.cerma.archi.fr/ CERMA/luminousarchitecture

BOOK AND PAPER

September 10-11, 2009. Medieval colours: an interdisciplinary conference on the study of colour in medieval manuscripts, Lisbon, Portugal—Contact: www.dcr. fct.unl.pt/upload/department/ MedievalColoursConference.pdf

ELECTRONIC MEDIA

October 5-6, 2009. International Conference on Preservation of Digital Objects, San Francisco, CA—Contact: www.cdlib.org/i/Pres/ipres20089.html

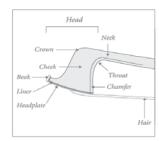
OBJECTS

September 16, 2009. Metals Group Conference: Jewellery and Small Decorative Metalwork; Cleaning and Coatings, Victoria & Albert Museum, U.K.—Contact: www.icon.org.uk

May 24-28, 2010. The 11th ICOM-CC Wet Organic Archaeological Materials Working Group Conference, Greenville, NC—Contact: Kristiane. straetkvern@natmus.dk







THE CONSERVATION, RESTORATION, AND REPAIR OF STRINGED INSTRUMENTS AND THEIR BOWS

Edited by Tom Wilder

Volume I – Theoretical Issues Concerning Stringed Instruments and Bows

Volume II – Stringed Instruments and Techniques for Their Conservative Restoration and Repair

Volume III – Bows and Techniques for Their Conservative Restoration and Repair



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POSITIONS, INTERNSHIPS, AND FELLOWSHIPS

BUFFALO STATE COLLEGE

Director, Art Conservation

Applications are invited for the position of Director of the Art Conservation Department. Twelvemonth appointment as associate or full professor level with tenure. Salary competitive.

Responsibilities: The director will provide vision and leadership to advance and enhance the department's position as a premier graduate program with an international reputation. He/ she will oversee all academic and administrative aspects of the department, including curriculum, facilities, personnel, budget, grant writing and fundraising, and college, community and professional partnerships and outreach. The director will contribute to the intellectual climate of the department through scholarship, teaching and service.

Required Qualifications: A terminal degree in a relevant academic field of study; demonstrated experience in a field of visual art or material culture; experience in management/administration.

Preferred Qualifications: Experience working in a museum and/or academic institution; experience working in conservation or with conservators of art/material culture; evidence of distinction in teaching, scholarship and service; experience in grant writing and fundraising; evidence of collegial relationships.

Review of applications will begin immediately continue until position is filled. We encourage interested applicants to apply for this job posting online at https://jobs.buffalostate.edu. Inquiries should be directed to dirartcon@buffalostate.edu.

Buffalo State College is the largest four-year comprehensive college in the State University of New York (SUNY) system. The campus is located in the museum district of Buffalo, the second largest city in New York State. For more information about the college, visit www.buffalostate.edu. The Art Conservation Department offers an internationally recognized

three-year program of graduate instruction leading to the MA degree and a certificate of advanced study in art conservation, and is currently planning for expansion of the space devoted to the program. For information about the Department, please visit www.buffalostate.edu/depts/artconservation.

Buffalo State is an affirmative action/equal opportunity employer and committed to respect for diversity and individual differences.

DENVER ART MUSEUM Conservator of Paintings

The Denver Art Museum is seeking a full-time, paintings conservator to oversee the conservation needs of its own paintings collection as well as those of the adjacent Clyfford Still Museum. The Denver Art Museum has a comprehensive collection of paintings ranging from ancient to modern and contemporary, spanning seven curatorial departments. The Clyfford Still Museum will be home to Still's personal body of work.

The candidate should have a degree from a recognized conservation training program, or equivalent. A minimum of ten years experience is required. The conservator will perform conservation treatments of museum objects as assigned; assure accuracy and completeness of records and reports; and promote the conservation department through research, lectures, professional publications and teaching.

The conservator will report to the Director of Conservation. Sound work habits, personal initiative and organizational skills, excellent written and verbal communication skills along with the ability to undertake moderate to heavy lifting are essential. Candidate will uphold collegial and collaborative working relationships with conservation staff and other departments.

Applications will be accepted through 5 PM, October 16, 2009. Inquiries may be directed to Sarah Melching, Director of Conservation, 720.865.5029, semelching@

denverartmuseum.org.

The museum offers a full benefit package. Position and salary will be commensurate with successful applicant's qualifications and experience.

To apply, please submit a letter of application, resume and contact information for three references, plus three conservation treatment examples to: Denver Art Museum 100 West 14th Avenue Denver, CO 80204 Attn. HR

Fax: 720.913.2768

hrcoordinator@denverartmuseum.org

HARVARD ART MUSEUM Fellowships in Conservation

The Straus Center for Conservation and Technical Studies, Harvard Art Museum, will offer three fellowships in conservation beginning September 1, 2010 and ending June 30, 2011. Fellowships, divided among the three laboratories, are offered in objects and sculpture conservation, paintings conservation, and paper conservation. Please note that during this period, the museum is undergoing renovation and the labs are located at our new off-site facility in Somerville, MA.

The current pay rate is \$1,200 bi-weekly and a modest travel/research allowance is provided.

Fellows are eligible for Harvard University benefits, including contributory dental and health insurance and access to University resources.

Eligibility: Completion of graduate-level training in conservation; additional courses in material sciences and competence in a foreign language are desirable. Preference is given to those who have completed graduatelevel training in conservation, but third year graduate students will also be considered.

Application Procedure: A complete application includes curriculum vitae, a one page single-spaced statement summarizing the applicant's interests and intent in the fellowship and their chosen specialization, official transcripts of undergraduate and

POSITIONS, INTERNSHIPS, AND FELLOWSHIPS

graduate studies, and three letters of recommendation. All materials must be submitted in English.

Deadline for receipt of application materials and supporting documents is January 15th.

Please send application materials and supporting documents to: Kathleen Kennelly Harvard Art Museum Straus Center for Conservation and Technical Studies 32 Quincy Street, Cambridge, MA 02138-3383

All applicants must also submit their statement of interest and curriculum vitae online. Job postings can be found at http://jobs.harvard.edu/jobs/ search_req. Please search by keyword "conservation."

Inquiries may be directed to kathleen_kennelly@harvard.edu. Telephone: 617.495.2392; fax: 617.495.0322.

THE METROPOLITAN MUSEUM OF ART

Fellowships in Conservation

The Andrew W. Mellon Foundation and the Sherman Fairchild Foundation, through The Metropolitan Museum of Art, award a number of annual conservation fellowships for training and research in one or more of the following museum departments: Arms and Armor, Asian Art Conservation, The Costume Institute, Musical Instruments, Objects Conservation (including sculpture, metalwork, glass, ceramics, furniture, and archaeological objects), Paintings Conservation, Paper Conservation, Scientific Research, and Textile Conservation. Also available through The Metropolitan Museum of Art is a Polaire Weissman Fellowship for conservation work in The Costume Institute. Fellowships are typically one year in duration. Shorter-term fellowships for senior scholars are also available.

It is desirable that applicants should have reached an advanced level of experience or training. All fellowship recipients are required to spend the fellowship in residence in the department with which they are affiliated.

The stipend amount for one year is \$40,000 for senior conservators/scientific researchers and \$30,000 for junior conservators/scientific researchers, with up to an additional \$5,000 for travel and miscellaneous expenses. Senior fellowships are intended for well-established professionals, with advanced training in the field and proven publication record. A typed application (in triplicate) should include: full resume of education and professional experience, statement (not to exceed one thousand words) describing what the applicant expects to accomplish during the fellowship period and how the Museum's facilities can be utilized to achieve the applicant's objectives, tentative schedule of work to be accomplished, official undergraduate and graduate transcripts, and three letters of recommendation (at least one academic and one professional) The deadline for completed applications is January 8, 2010. Applications should be sent to Attn: Marcie Karp, Fellowships in Conservation Program, The Metropolitan Museum of Art, 1000 Fifth Avenue, New York, New York 10028-0198. More information is available on the Metropolitan's Museum's website at http://www. metmuseum.org/education/er_fellow. asp.

THE METROPOLITAN MUSEUM OF ART

Research Scholarships in Photograph Conservation 2010-2012

The Metropolitan Museum of Art seeks qualified applicants for the position of Research Scholar in Photograph Conservation. The Research Scholar will have a two-year term with the possibility of renewal for a third year. The Scholar will work on-site in the photograph conservation lab of the Sherman Fairchild Center for Works on Paper and Photograph Conservation. He or she will report

to the Sherman Fairchild Conservator of Photographs who in turn reports to the Curator in Charge of the Department of Photographs. The stipend will be \$40,000 per year, plus a \$3,000 travel allowance and a \$2,000 contribution to health insurance.

Research Scholars will be expected to have a graduate degree in conservation or equivalent experience and should be completely committed to the conservation of photographs as their area of specialization. The Scholar will be selected by a committee comprised of the Conservator of Photographs, the Curator in Charge of the Department of Photographs, the Associate Director for Administration, and the Senior Manager for Academic Programs.

The Research Scholar's term will follow the academic calendar, with successful candidates beginning in September. Scholars may apply during the second year of their tenure for an extension to a third year.

A typed application (in triplicate) should include: full resume of education and professional experience, statement (not to exceed one thousand words) describing what the applicant expects to accomplish during the fellowship period and how the Museum's facilities can be utilized to achieve the applicant's objectives, tentative schedule of work to be accomplished, official undergraduate and graduate transcripts, and three letters of recommendation (at least one academic and one professional). The deadline for completed applications is January 8, 2010. Applications should be sent to Attn: Marcie Karp, Fellowships in Conservation Program, The Metropolitan Museum of Art, 1000 Fifth Avenue, New York, New York 10028-0198. More information is available on the Metropolitan's Museum's website at http://www. metmuseum.org/education/er_fellow. asp.

For more positions, internships, and fellowships, visit us online at www.conservation-us.org/careers.

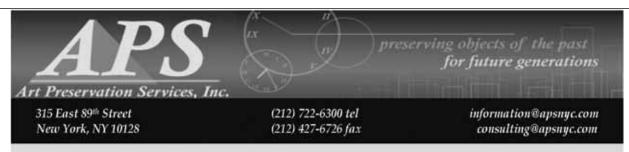
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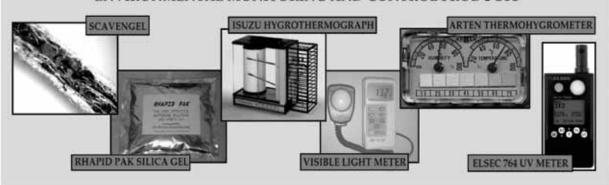
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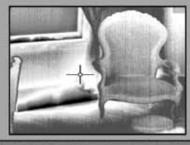
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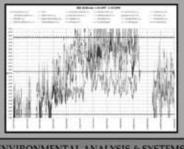


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