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Annual Meeting now
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rates increase after
February 15.

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Cold Storage Costs: Comparison Pricing for Photographic Collections

Cold storage has long been recommended for the preservation of unstable film and color photographic media. This article discusses the relative costs of various cold storage options, including:

- Walk-in cold vault or storage room, with relative humidity (RH) control
- Walk-in cold vault or storage room without RH control
- Using vapor-proof packaging as containers (to maintain RH) and open shelving
- Using sealed, microclimate storage cabinets (to maintain RH)
- Free-standing, frost-free freezer units using vapor-proof packaging as containers
- Leased commercial storage space from a reputable company

Due to space limitations in this article, important issues relating to the safe implementation of cold storage, such as specific protocols for vapor-proof packaging, handling, and maintenance, are not discussed. A longer version of this article, including detailed cost tables, will be published in the forthcoming issue of AIC/PMG's *Topics in Photographic Preservation*, Vol. 12.

Determining Space Needs for Cold Storage

Each collection presents various formats, housings, and containers that influence its total space requirements. The actual number of items that will fit into one cubic foot (CF) may vary depending on the types of enclosures and containers, thickness and format of the photographs, distortions, mounts, etc. Likewise, the actual usable capacity of a cold storage unit can vary from 30–70 percent due its internal dimensions and shelving configurations. For freezers, a 20-CF household freezer may only have an actual usable space of 15 CF because approximately 5 CF are occupied by shallow door shelves/bins.

For the purpose of this article, the cold storage options were limited to leasing commercial space, a few vault sizes and climates, and a 20.3-CF household auto-defrost freezer. To simplify the cost calculations for packaging, shelving, and total cubic feet of records storage, only one collection sample type was used to calculate these estimates: this one-cubic foot sample consisted of four standard 5" H x 6" W x 12" D "shoeboxes." It was assumed that each box will hold 250 (4x5) negatives in paper envelopes (1000 negatives/CF). Additional assumptions included:

- 40 boxes (10 CF, 10,000 negatives) can fit in one standard, unmodified 20.3 CF freezer
- 70 boxes (17.5 CF, 17,500 negatives) can fit in one open 7-shelf unit or sealed cabinet.

Vaults

A constantly cooled storage room or vault, with or without relative humidity control, is often cited as a possible storage solution for larger collections. Considerations in calculating the cost for this type of storage solution assumed that the vault would be placed in an area with office-type conditions, did not require additional space modification and had ready access to utilities. Fire suppression systems and gaseous air filtration were not estimated, although desirable.

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AIC NEWS

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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 non-members; the minimum charge is \$75. The cost of advertising in Supplier's Corner is \$175 for 100 words. 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@aic-faic.org.

AIC NEWS STAFF

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Letter from the President

What a wonderful time to be AIC President! Our organization has grown to the largest membership ever recorded – 3,504 – and continues to grow. Financially, AIC is healthy enough to hire two new staff members, which will result in more efficient member services and will lead to additional membership benefits. And, last but certainly not least, AIC members continue to volunteer unprecedented amounts of time and expertise to further the goals of the organization, to expand the professional literature, and to educate the public about the importance of conservation of cultural materials.

During its November meeting, the AIC Board of Directors and staff began updating AIC's three-year strategic plan that covers the years 2008 through 2010. An online survey of the membership conducted between October 26 and November 3, 2007, and a portion of the November Internal Advisory Group meeting were devoted to strategic planning. Attendees were asked what they would like AIC to do for them and for the field of conservation. The results of the survey, along with staff and IAG discussions, helped the board chart the future during a two-half-day strategic planning session. Reflecting on the changes that have been made during the last three years – including a near 100% turnover and expansion in office staff, 800 new or returning members, new association offices, streamlined procedures for almost every activity from publications to financial tracking – leads the Board to believe that AIC is truly positioned to take advantage of its solid organizational infrastructure, a highly motivated staff, and the passion of its members to begin initiating new programs and expand existing ones.

As the new year begins, AIC is poised to launch three projects that will have dramatic consequences for our organization. First will be a debut of a new and expanded website and membership database, which will be previewed at the annual meeting in Denver. This will become the primary mode for communicating with members, providing efficient services, and reaching out to educate the public. The web has insinuated itself in all of our lives, so instead of resisting it, the Board plans to embrace and integrate web technologies as fully as possible in every AIC activity. Member services, education, publications, grants, outreach, advertising, marketing, and fundraising will all become available online.

AIC has been talking about certification for as long as I have been a member – 30 plus years. Finally, after much discussion and study, we have come again to a vote on implementing a certification program. AIC members have repeatedly said certification is needed, but the Board is concerned that a certification program will not attract enough conservators to be financially sustainable and that certification will detract from other critical AIC activities. Please respond to the next certification survey, coming in February. Only by knowing what programs you will invest in can we move forward.

Our third project is to build an energetic FAIC Board and significantly expand FAIC's fundraising capacity. AIC has always had more ideas and projects than financial resources, but AIC's financial health is dependent on two sources of revenue: membership dues and the annual meeting. The Board hopes to energize the FAIC so it can help provide additional revenue needed to help fund scholarships, outreach, research, and publications.

All in all, I believe 2008 will be an exciting year for AIC and it is truly a pleasure to lead such a dynamic organization.

Happy New Year!

—Martin Burke, President
Terrapin Neck Conservation, LLC
martinburke@frontiernet.net

AIC News

November 2007

IAG Meeting Highlights

The 2007 AIC Internal Advisory Group meeting was held on November 9, 2007 at the Greater Washington Board of Trade in Washington, DC. Thank you to the AIC board, committee chairs, and specialty group chairs who took time away from their work to attend this day-long meeting. Some of the topics discussed included:

- Member surveys and online voting
- 2008 general session update and future general session topics
- Update on future annual meetings
- Annual meeting sponsorships
- Website and membership database update
- The results of the hard work of our two current task forces
- Certification implementation progress
- Membership benefits and what AIC should seek to accomplish in the future

The brainstorming and strategy session on AIC's future was excellent, and many of the ideas that came from this discussion are being incorporated into the AIC 2008-2010 Strategic Plan. The meeting also gave an opportunity for specialty groups officers to express concerns about increased annual meeting costs. In 2008, staff will be reviewing the cost structure of annual meetings overall, including formulas for determining costs charged to specialty groups.

Learn more about the IAG discussions by reading the meeting notes posted in the news section on the AIC website, www.aic-faic.org.

Certification Survey Results

Thank you to everyone who completed the 2007 Certification Needs Assessment Survey. The survey received over 650 responses. Your input is critical to the success of any future AIC certification program. For complete results of the survey, please visit the certification section of the AIC website, www.aic-faic.org

AIC is in the process of applying the survey results to our analysis of workable certification programs. Because the results of the October survey were not an overwhelming mandate to move

forward, AIC will be sending out a follow-up online survey in February. Please watch your email and take a few minutes to complete the survey. We would like to hear from every member before AIC makes important decisions regarding the feasibility of starting a certification program. If you do not have an email address, please call AIC at 202-452-9545 to request a survey be mailed to you.

AIC Strategic Planning Survey Highlights

Many thanks to all those who responded to the online strategic planning survey conducted in early November. The information gathered is an important part of the planning process. AIC members identified what they felt priorities should be in the coming years, and provided a snapshot of our growing and changing membership.

The survey results showed that the most important AIC activities remain publications, professional standards, and continuing education. When asked what AIC should accomplish in the next three years, implementing a certification program; promoting jobs, salaries, and funding for conservation; and promoting public education and advocacy for conservation were recurring themes.

The AIC Board of Directors will incorporate the survey results into the strategic planning process for 2008-2010, which also has involved input from the Internal Advisory Group and Board retreats and discussion.

—Eric Pourchot

Professional Development Director
epourchot@aic-faic.org

Congratulations to Recent AIC Contest Winners

2008 Preview Rate Registration Contest – **Sue Murphy** will receive a complimentary 2008 Annual Meeting registration. October Certification Needs Survey Contest – **Olivia Primanis** will receive a \$100 AIC gift certificate. November Strategic Planning Survey Contest– **Jan Suberman** will receive a complimentary 2008 Annual Meeting registration.

Slate of 2008 AIC Board Candidates Offered by the AIC Nominating Committee

The AIC Nominating Committee is pleased to present the following slate of candidates for the AIC board of directors for the year 2008.

Secretary (2-year term): **Lisa Bruno**

Treasurer (2-year term):

Brian Howard

Director, Specialty Groups (3-year term): **Ralph Wiegandt**

Director, Professional Education (3-year term): **Karen Pavelka** (2nd term)

The Nominating Committee sincerely thanks those who have agreed to run for office, those who considered running, and all of those who offered guidance and helpful suggestions. Remaining in office through May 2008:

Martin Burke,

President (through 5/09, 1st term)

Margaret Loew Craft,

Vice President (through 5/09, 1st term)

Paul Messier,

Director, Communications (through 5/09, 2nd term)

Catharine Hawks,

Director, Committees & Task Forces (through 5/09, 1st term)

The AIC Nominating Committee encourages the AIC membership to submit additional nominations for qualified individuals as candidates for the 2008 AIC Board elections. The AIC Bylaws require that candidates for president and vice president be Fellows and candidates for director may 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, subgroups, or in other capacities.

The Bylaws require that the Nominating Committee chair receive completed nominations by January 23, 2008 (three months prior to the April AIC Business Meeting in Denver, CO).

All completed nominations or queries regarding submission of a nomination are to be sent to: Bev Perkins, perkins.b@ca.rr.com.

AIC Committee Vacancies

Health & Safety

The AIC Health and Safety Committee is currently accepting applications for two new members, and hopes to have positions filled by the upcoming AIC annual meeting! Appointments to the Health and Safety Committee are for four-year terms. Committee members participate in committee business via email, a day-long annual meeting in the fall, and a shorter, breakfast meeting held at the AIC annual meeting. Other activities include participation at the AIC annual meeting, such as the H&S Exhibition booth and various workshops, including the annual Respirator Fit Testing Workshop. All members take part in review of Health and Safety manuscripts for publication in AIC News. Each member typically undertakes coordination of a major project such as coordination of our display booth, respirator fit testing, production of an AIC News H&S Guide, a workshop, or acts as the Committee's representative for a publication written by an outside consultant. Members may also respond to information requests from AIC members or non-members that deal with health and safety issues. Committee members are required to be members in good standing of AIC throughout their term(s) of service. If you are interested in working on issues that are of crucial importance to the health and safety of the membership, please send a letter to the AIC Board explaining your interest. Please also send a copy of the letter and your CV to current committee chair, Patricia Silence. Any questions regarding the committee and its work may be directed to Patricia Silence at

psilence@cwf.org, Colonial Williamsburg Foundation, PO Box 1776, Williamsburg, VA 23187, (757) 220-7078.

Bylaws

The AIC Bylaws Committee seeks two new members. The term of service is two years. Due to existing participation by Book and Paper members, candidates from other specialty groups are strongly preferred.

The activity level of the Bylaws Committee is dependent on the number of requests from the AIC Board and other committees. During the past three years, a total of three requests have been made. Each request requires an examination of the relevant portions of the Bylaws, other documents as needed, and email communication over the course of about two to four weeks. The Bylaws Committee is expecting slightly increased activity due to AIC's progress toward certification.

Interested candidates should submit a letter of interest to Susan Russick, Bylaws Committee chair, at 3751 W. Giddings Street, Chicago, Illinois 60625 or at susanrussick@mac.com.

Ethics and Standards

The Ethics and Standards Committee will be seeking two new members for three-year terms to begin with the Annual Meeting in April 2008. In an effort to reflect a variety of specialties, we hope to find new members from among the following specialty groups: Architecture, Electronic Media, Objects, Photographic Materials, Research and Technical Studies, or

Wooden Artifacts, but all inquiries are welcome. We have an opening for one Fellow and one Professional Associate, and we encourage interested PAs who may be relatively new to the profession to apply. A brief article in the AIC News, September 2007, describes the Committee's work. For further information, contact Jan Paris, Ethics and Standards Committee Chair, at jparis@email.unc.edu.

Nominating Committee

The Nominating Committee is seeking nominations of qualified individuals as candidates for the Nominating Committee election to be held at the 2008 AIC Business Meeting in Denver, CO. The committee, composed of three members serving one three-year term each, has one vacant position each year. The 2008 candidate must be a Fellow of AIC.

Nominations may be made in writing to Martin Burke, AIC President (c/o AIC, 1156 15th Street, NW, Suite 320, Washington, DC 20005-1714), no later than February 29, 2008, or from the floor at the Business Meeting. A signed willingness-to-serve statement, available from the Nominating Committee chair, must accompany written nominations.

The Nominating Committee is pleased to discuss any aspect of the nominating and election process with potential candidates and anyone interested in nominating candidates.

*-AIC Nominating Committee:
Beverly Perkins, perkins.b@ca.rr.com;
Jessica Johnson, johnsonjs@si.edu;
Teresa Moreno, tkmoreno@email.arizona.edu*

Staff Transitions

AIC is pleased to announce Brett Rodgers as the new Publications Manager. Brett comes to us with five years experience producing print and electronic publications. In addition, he has worked supporting the Image Library at the Metropolitan Museum of Art in New York, gaining valuable experience in photographic conservation and archiving. Please welcome him to AIC. He can be reached at brodgers@aic-faic.org.

As we welcome Brett, we would also like to thank Sloan Carroll for her work as Publications Manager and wish her the best of luck as she moves onto new professional endeavors.

Annual Meeting News

2008 Tours

Make sure to take a look at the exciting tours lined up for this year's Annual Meeting in Denver. Titles include:

- "Red Rocks and Dinosaur Ridge"
- "The Best of Boulder"
- "Art & Architecture"
- "Behind the Velvet Curtain: An Insider's Tour of the Denver Performing Arts Complex"
- "Cherry Creek & Santa Fe Drive Art Walk"

Complete tour information and schedules are available at <http://aic.stanford.edu/meetings/tours.html>

Specialty Group Officers' Breakfast Meeting

Please join us on Tuesday, April 22, at 7:30 a.m. for breakfast and a chance to interact with board members and staff about any topics of interest!

Committee and Task Force Members' Breakfast Meeting

Please plan to join us on Wednesday, April 23, at 7:30 a.m. for breakfast and a chance to discuss topics of interest with board members and staff.

FAIC News

Samuel H. Kress Fellowships Approved

FAIC recently received approval from the Samuel H. Kress Foundation to continue to offer the FAIC Samuel H. Kress Conservation Publication Fellowships. The grant will fund five \$30,000 Fellowships, to be awarded by FAIC over the next three years. In making the award, the Kress Foundation noted its continued support for "this successful initiative that promotes increased professionalism in conservation via the publication of specialized texts by authorities and scholars."

The next deadline for submission of Fellowship applications is November 1, 2008. Guidelines and forms are available on the AIC-FAIC website or from the AIC office.

JAIC News

JAIC Author Recognition for 2007

With the closing of 2007 and the beginning of 2008, I want to take the time to thank and acknowledge the JAIC editorial staff, associate editors, reviewers, and authors who worked together to produce three wonderful issues in 2007. The Fall/Winter issue has been or will be delivered shortly. Writing and reviewing a journal publication is an arduous task that can sometimes even seem thankless. We at the JAIC recognize that the Journal could not be as successful as it is without the dedication and hard work of these individuals and we are grateful for their efforts. As the editorial list is available in each issue and the names of the JAIC article reviewers shall remain anonymous, I have compiled a list of the JAIC authors and book reviewers from 2007. Please join me in commending all who worked on the Journal issues this past year

JAIC Author Recognition list for 2007

Karlis Adamsons
Mauro Bacci
Timothy Barrett
John Baty
Anikó Bezúr
Thomas Braun

Irene Brückle
A. Elena Charola
Soyeon Choi
Sandra A. Connors-Rowe
Sherry N. Defreese Emery
Jacki Elgar
Lisa Ellis
Anna Embree
Wing Fai Lai
Karen Gausch
Diane Kunzelman
Dan Kushel
Deborah La Camera
Hannah R. Morris
Vanessa Muros
Eleonora Nagy
Kimberly Nichols
Marcello Picollo
David A. Scott
Christine Smith
Johanna Maria Theile
Amanda Thompson
Giorgio Trumpy
Masahiko Tsukada
Man Wai Tang
Jeffrey Warda
Sebastian K.T.S. Wärmländer
Paul M. Whitmore

JAIC Book Reviewer Recognition list for 2007

Paula Artal-Isbrand
Nancy Ash
Lisa Ellis
Penley Knipe
Dale Kronkright
Jane McAusland
Kimberly Machovec-Smith
Gianfranco Pocobene
Rebecca Rushfield

—Michele Demick, *Editor-in-Chief, JAIC*
mdemrick@mfa.org

New Publications

Samuel H. Kress Conservation Publication Fellowship Publications

So far, ten publications have appeared in print as the result of the 31 Samuel H. Kress Conservation Publication Fellowships awarded since 1994. Most of these works have filled significant gaps in the conservation literature covering a wide variety of topics and approaches, enriching the profession in many areas. Seven additional

manuscripts are close to a release date, with anticipated arrivals in the next year and a half.

Congratulations are due to the authors and deep appreciation to the Samuel H. Kress Foundation for supporting this important progress in the field of conservation. We hope that this impressive list will inspire more people think seriously about book-length projects and that many will applaud their colleagues for their efforts.

The ten volumes are currently available through their publishers as well as through other book vendors. Provided below are purchasing information and brief abstracts, based on those provided by the authors or publishers.

Conservation Treatment Methodology, by **Barbara Appelbaum**, offers a systematic approach for decision making for conservation treatments, applicable to all cultural property, independent of object type or material. Use of the methodology, illustrated with many examples, will enable conservators to be more confident in their treatment decisions. It emphasizes the equal importance of the physical and cultural aspects of objects for decision making. The author also discusses how the history of an object and the meaning that it holds for its owner contribute to determining its treatment. 468 pages. \$32.95. Published by Elsevier, 2007. Available at <http://books.elsevier.com>.

In *Human Remains: Guide for Museums and Academic Institutions*, by **Vicki Cassman**, conservators, archaeologists, and biological scientists present a new perspective on the ancient dead in which conservation and respect for the deceased are top priorities in planning fieldwork. Underlying the studies is concept of cultural resource management, which has a far broader mandate than rescuing sites and artifacts from the bulldozers, and includes such issues as which sites are to be excavated, which destroyed, and which saved in their entirety. 336 pages. \$62.95. Published by Alta Mira Press, 2006. Available at www.rowman-littlefield.com.

Infrared Spectroscopy in Conservation Science, by **Michele R. Derrick**,

Dusan C. Stulik, and **James M. Landry**, provides practical information on the use of infrared (IR) spectroscopy for the analysis of materials found in cultural objects. Designed for scientists and students in the fields of archaeology, art conservation, microscopy, forensics, chemistry, and optics, the book discusses techniques for examining the microscopic amounts of complex, aged components in objects such as paintings, sculptures, and archaeological fragments. Chapters include the history of IR spectroscopy, the basic parameters of IR absorption theory, IR instrumentation, analysis methods, sample collection and preparation, and spectra interpretation. The authors cite several case studies, such as examinations of Chumash Indian paints and the Dead Sea Scrolls. 320 pages. \$75.00. Published by the J. Paul Getty Trust, Getty Conservation Institute, 1999. Available at www.getty.edu/conservation.

Fungal Facts: Solving Fungal Problems in Heritage Collections, by **Mary-Lou E. Florian**, aims to provide collection managers, conservators, and museum and gallery personnel with biological information on fungi and strategies for both preventing infestation and controlling/eradicating an infestation once it has occurred. Throughout the text, the author addresses the safety issues and the major concerns of health hazards caused by fungal infestations, issues that are covered more specifically in the chapter on monitoring for air quality and surface contamination. The effects of fungal infestation on paper, textiles, leather, wool, and wood are outlined, with emphasis placed on the methods of recovering objects that are infested, preventive conservation methods, risk assessment and disaster preparedness. *Fungal Facts* provides a basis for understanding and solving fungal problems in objects and collections. 152 pages. \$45.00. Published by Archetype Publications, 2002. Available at www.archetype.co.uk.

Pollutants in the Museum Environment: Practical Strategies for Problem Solving in Design, Exhibition and Storage, by **Pamela Hatchfield**, focuses on pollutants in the museum

environment, their sources, how they can harm works of art, and what to do about it. It is aimed at people who care for cultural artifacts: conservators, collections care specialists, curators, collectors and registrars. The book is useful for people who make decisions concerning building materials, furnishings, ventilation, cleaning and maintenance operations: designers, architects, engineers, managers, carpenters, and painters. 204 pages. \$47.50. Published by Archetype Publications, 2002. Available at www.archetype.co.uk.

The second edition of *Material Characterization Tests for Objects of Art and Archaeology*, by **Nancy Odegaard** and **Scott Carroll**, which provides crucial information for materials identification of objects, of compounds that are associated with them, or the characteristics of the materials used to package or store them, includes modifications to several of the procedures described in the first edition—tests for metals, inorganic compounds, organic and synthetic materials as well as several tests that help to characterize materials. The tests are applicable to a wide range of object classes including metal, textile, leather, paper, plastics and architectural materials. In addition to presenting the detailed methodology for carrying out each test, the authors have evaluated the effectiveness of each test in order to assist the reader in selecting the most applicable test and interpreting the results. 230 pages. \$47.50. Published by Archetype Publications, 2000. Available at www.archetype.co.uk.

Since its original publication in Germany in 1938, Max Schweidler's *Die Instandsetzung von Kupferstichen, Zeichnungen, Büchern usw.* has been recognized as a seminal modern text on the conservation and restoration of works on paper. To address what he saw as a dearth of relevant literature, the noted German restorer composed a technical manual covering a wide range of specific techniques, including instructions on how to execute structural repairs and alterations that, when skillfully done, are virtually undetectable. *The Restoration of Engravings, Drawings, Books, and Other Works on Paper*, by **Roy Perkinson**, based on the authoritative revised German edition

of 1949, makes Schweidler's work available in English for the first time, in a meticulously edited and annotated critical edition. The editor's introduction places the work in its historical context, while some two hundred annotations elucidate the text itself. An appendix presents technical reports on eleven old master prints that underwent repair or other treatment using techniques similar to those Schweidler describes; it complements Schweidler's own text in aiding curators, conservators, and collectors to detect such repairs; it also provides a glossary. 304 pages. \$50.00. Published by J. Paul Getty Trust, Getty Conservation Institute, 2006. Available at www.getty.edu/conservation.

Pigment Compendium: Optical Microscopy of Historical Pigments, by **Nicholas Eastaugh, Valentine Walsh, Ruth Sidall, Tracey Chaplin**, is the first definitive manual dedicated to optical microscopy of historical pigments, and is illustrated throughout with full color images reproduced to the highest possible quality. Based on years of painstaking research into the visual and optical properties of pigments, groundbreaking and comprehensive, the *Pigment Compendium* is a major addition to the study and understanding of historic pigments. 456 pages. \$205.00. Published by Butterworth-Heinemann, 2004. Available at <http://books.elsevier.com>.

Pigment Compendium: A Dictionary of Historical Pigments, by **Nicholas Eastaugh, Valentine Walsh, Ruth Sidall, and Tracey Chaplin** is a comprehensive information source for scientists, art historians, conservators and forensic specialists. Drawn together from extensive analytical research into the physical and chemical properties of pigments, this essential reference to pigment names and synonyms describes the inter-relationship of different names and terms. The Dictionary covers the field worldwide from pre-history to the present day, from rock art to interior decoration, from ethnography to contemporary art. It draws on hundreds of hard-to-obtain documentary sources as well as modern scientific data. Each term is discussed in detail, giving both its context and composition. 521 pages. \$225.00. Published by Butterworth-

Heinemann, 2004. Available at <http://books.elsevier.com>.

Pigment Compendium: CD-ROM, also by **Nicholas Eastaugh, Valentine Walsh, Ruth Sidall, and Tracey Chaplin**, offers a large store of information about each of the many pigments stored on its database. Conservators and conservation scientists especially can use this CD to enhance their work. The database works on numerous levels; it includes all the background information about each pigment: Basic data (composition, associations and notes) – Morphology – PLM data – how pigment looks under microscope, essential for identification – Other data references including abstracts – Images – thumbnail and full size – giving text information of where the image is from Searches can be refined down to the smallest detail; for example pigments can be identified by optical properties. \$390.00. Published by Butterworth-Heinemann, 2005. Available at <http://books.elsevier.com>.

Lacquer: Technology and Conservation: A Comprehensive Guide to the Technology and Conservation of Asian and European Lacquer, by **Marianne Webb**, is an invaluable tool when examining the options available for treatment of lacquer. It covers the technology and methods of treatment for lacquer, and assesses current practices that enable the conservator to make more informed decisions. Controversial issues are also debated, such as whether Asian lacquer should be restored in the Asian manner, using non-reversible materials, or using western methods that are theoretically reversible. As the book describes production technology and decorative techniques it will also be a useful aid for both art historians and collectors alike in identifying and dating lacquer ware. Lacquer has long been misunderstood, particularly because the word itself has been used to characterize many different materials. For centuries the term has been used to refer to the Asian and the European materials. At present it is used to describe any glossy coating, from cellulose nitrate to modern plastic finishes. 200 pages. \$112.00. Published by Butterworth-Heinemann, 2000. Available at <http://books.elsevier.com>.

Stone is one of the oldest building materials, and its conservation ranks as one of the most challenging in the field. Alkoxysilanes in stone conservation can be traced back to 1861, when A. W. von Hoffman suggested their use for the deteriorating limestone on the Houses of Parliament in London. Alkoxysilane-based formulations have since become the material of choice for the consolidation of stone outdoors. *Alkoxysilanes and the Consolidation of Stone*, by **George Wheeler**, the first volume to comprehensively cover alkoxysilanes in stone consolidation, synthesizes the subject's vast and extensive literature, which ranges from production of alkoxysilanes in the nineteenth century to the extensive contributions from sol-gel science in the 1980s and 1990s. Included are a historical overview, an annotated bibliography, and discussions of the following topics: the chemistry and physics of alkoxysilanes and their gels; the influence of stone type; commercial and noncommercial formulations; practice; lab and field evaluation of service life; and recent developments. 160 pages. \$40.00. Published by J. Paul Getty Trust, Getty Conservation Institute, 2005. Available at www.getty.edu/conservation.

People

Barbara Appelbaum's Kress-funded book, entitled *Conservation Treatment Methodology*, has finally been published. She wants to thank all of the AIC members through many many years who have so freely discussed their treatment dilemmas personally, in print, and in numerous AIC meeting sessions. She hopes the book will, at least, clarify the issues involved and make decisions seem less painful.

Kathleen Dardes was appointed head of GCI Education. A textile conservator by training, Kathleen has worked at the Metropolitan Museum of Art and the Boston Museum of Fine Arts before joining the GCI's Training Program in 1988.

Kristin Kelly, is now a principal project specialist with the Getty Conservation Institute.

continued on page 10

- Vaults are more cost effective in larger sizes. Taller vaults with high-tiered shelving may have an even lower cost/CF with only a small increase in initial cost.
- Mobile shelving adds significantly to the cost compared to fixed shelving, but lowers the average cost/CF by nearly doubling the capacity. Use of mobile shelving also increases thermal load and may decrease energy requirements accordingly.
- Very low-temperature vaults are more expensive than equivalent warmer vaults. However, a 35°F vault without RH-control costs about the same to install and operate as a similar 25°F vault for both 8x12 and 16x24 sizes. Institutions with contemporary, composite, mixed-media collections, or less-vulnerable media may opt for warmer vaults (45–60°F), which will still significantly improve the life expectancy of some collection materials.
- Humidity control adds significantly to the initial cost—about 30% (~\$15,000) for 8x12; it increases equipment complexity, maintenance requirements, and doubles ongoing energy costs. These systems often include recommended backup equipment, which increase expense.
- One advantage of RH-controlled vaults is that item-level access of collections is possible since containers are not encumbered with vapor-proof packaging. However, careful handling is required at low temperatures and during initial warm up due to cold-induced brittleness and potential localized condensation from warm fingers. Some level of moisture protection from leaks or mechanical failure is still desirable in RH-controlled vaults.
- A temperature/RH-controlled vestibule is a very expensive feature (~\$31,500) given that it requires precise RH/temperature control of set points specific to the vault and ambient use conditions in order to function as an acclimation chamber or allow for more comfortable inspection of collections. It is not required for safe warming of materials.

Freezers

Freezers can be a cost-effective option for small collections. Institutions with limited resources can acquire freezers and the necessary packaging as funds allow, implementing cold storage for the highest-risk materials first. This approach may ensure the preservation of the most vulnerable items, such as deteriorating films, until they can be duplicated or cold vaults constructed. Freezers also can be used to complement vaults where only a small proportion of the collection require very cold temperatures and the remaining less-vulnerable collections of mixed media or composite works are safe in RH-controlled cool vaults (45–60°F).

All calculations for freezer storage were made using a Sears Kenmore auto-defrost 20.3 CF household freezer as the baseline unit, along with the Onset HOBO data logger with auto-dialer and remote alarm. Household models tend to be reliable (when rated by consumer groups), readily available, easily replaced and serviced.

- The nominal capacity of 18 freezers is 360 CF (1440 boxes), which is similar to that of an 8x12 vault outfitted with open shelving. The total cost of 18 freezers with vapor-proof packaging (\$24,000) is approximately one half that of an 8x12 RH-controlled vault outfitted with new open shelving (\$49–52,000) and ~30% less than the vault itself (~\$37,000);
- The actual capacity of 18 freezers is 180 CF (720 boxes). The actual capacity of a shelved 8x12 vault is 245 CF (980 boxes) for fixed shelving or 315 CF (1260 boxes) for mobile open shelving; 25 or 32 freezers would be required to match the 8x12 shelved vault capacity and would require a space larger than 16x24 (and cost \$34–43,000).
- The actual capacity of 18 freezers is similar to that of an 8x12 vault lacking RH control, outfitted with sealed cabinets (630 boxes for fixed and 840 boxes for mobile configurations). The cost of an 8x12 vault with new sealed cabinets (\$42–53,000) is approximately twice that of 18 freezers with packaging and about the same as the vault with packaged boxes on new open shelving (\$43–48,000). RH control for this size vault would add ~\$13–15,000

more to the base cost of ~\$23,000.

- Freezers featuring flat door panels provide up to one third more storage space. Bulky door panels also can also be replaced with flat sheets of polystyrene (this low-cost modification may void the warranty).
- Freezer units are not energy efficient in very large multiples. The amount of energy required to run multiple freezers may exceed that of a vault when more than 18 units are used. Extra room cooling may also be needed to compensate for the heat generated if many units are operating in a confined space, although this issue is moot if units are dispersed throughout a facility to more conveniently serve different departments.
- Freezers offer a reliable and low-maintenance option: if one unit malfunctions, only the materials within the problem unit are affected.

Leasing

Several record storage companies provide cold storage as a leasing option. Although cost effective at the CF level (\$25–96/CF/year depending on quantity discounts and storage climate), leasing is expensive over time due to the recurring cost and additional fees for handling and shipping. However, leasing space may be cost effective for large collections when there are no upfront resources for vault construction, space, and/or experienced staff to operate a vault. Leasing can also be useful as a temporary solution to preserve rapidly deteriorating materials until an institution can implement permanent cold storage.

Microclimate Protection

Materials stored in freezer units and vaults without RH control require protection from extreme fluctuations and condensation if the containers are not airtight (such as well-sealed plastic and metal film cans). RH protection also can be accomplished with either vapor-proof packaging (bagging) of materials or the use of sealed cabinetry in vaults. To maintain a stable microclimate in a gasket sealed cabinet, Henry Wilhelm and Mark McCormick-Goodhart recommend using conditioned silica gel or desiccated paperboard inside as a humidity buffer.

Vapor-proof Packaging

Estimated costs were evaluated for a vapor-proof package using a low-cost, heavyweight (6 or 8 mil) re-sealable polyethylene outer bag and an inner flush-cut bag of translucent polyethylene/polyester laminate with a metallic deposit, both sized for the standard 4x5 "shoebox," 2-inch wide tape to seal over the flush-cut bag and one RH indicator card per package. The costs for desiccated paperboard inserts between bags were not included due to the greater expense and labor.

- For institutions with small collections where staffing or personnel funding is available, vapor-proof packaging can be cost effective when compared to installing RH-controlled vaults (see vault section above).
- Based on the actual number of boxes that can be shelved in a vault, the initial cost of packaging 1,100 boxes is \$9,000, about 40% less than the cost of adding RH control to an 8x12 vault. This cost increases significantly as the number of boxes increases. For example, the cost for 3,500 boxes (~\$30,000) is 1-2 times greater and for 6,300 boxes (~\$54,000) the cost is 3 to 4 times greater, than installing RH control in a 16x24 vault (\$13-21,000 depending on temperature).
- Determining the cost benefit of packaging vs. RH-control or sealed cabinetry can be complicated. Labor costs and availability dramatically influence whether packaging is a feasible option for medium size collections.

Shelving and Cabinetry

Furniture estimates were provided by suppliers of museum-quality open shelving and sealed cabinetry, and included fixed and mobile units, delivered and installed. Re-use of any existing shelving or cabinetry is the least expensive option, but will incur labor costs for disassembly and re-installation that were not estimated into the vault costs.

- Where a similar number of open shelving units (14-18) or sealed cabinets (9-12) are purchased new for an 8x12 vault lacking RH control, the cost of packaging and new shelving (\$19-26,000) is comparable to the cost of sealed cabinets (\$19-30,000). But open shelving

offers greater storage efficiency (an average of 275 CF or 1,100 boxes vs. 184 CF or 735 boxes for cabinets). This decreases the cost/CF of packaging and new shelving to approximately half as much as sealed cabinetry (~\$78/CF vs. ~\$143/CF). Both options cost more than installing RH control (see above). Packaging alone costs ~\$9,000 for 1,100 boxes.

- For a 16x24 vault lacking RH control, when purchasing a similar number of shelving units (50 fixed) or cabinets (55 mobile), the cabinetry will cost about 2.5 times more (~\$132,000) than installing shelving and packaging (~\$55,000), about 4.5 times that of packaging alone (~\$30,000), and almost 9 times more than RH-control (~\$15,000). Where a 16x24 vault is fully outfitted with mobile open shelving (90 units, 1575 CF, 6300 boxes) or cabinetry (55 units, 963 CF, 3850 boxes), packaging with mobile open shelving costs the same as cabinetry (~\$132,000) but twice as much shelving is being purchased and more boxes packaged. The cost/CF is \$84/CF for mobile open shelving vs. \$137/CF for mobile sealed cabinetry.
- The use of sealed cabinetry may be feasible where institutions already have these cabinets available for re-use in a new vault, the resources to purchase the moisture buffering material, and the expertise and staff to condition and recondition the material as needed to ensure the correct RH is maintained.

Summary

The type(s) of cold storage that an institution might select depend on many factors, including the costs to implement, maintain, provide security, and protect from fire or other hazards. Institutions must weigh the advantages of one option over the other based on:

- The urgency of need and the time it will take to implement cold storage.
- Appropriate space, and the impact of its location on- or off-site.
- Budgets or grants for freezers, or for vault construction and furniture purchases.
- Availability of experienced staff to specify, contract and oversee a vault construction.
- For vaults, experienced in-house staff

or HVAC service contracts for routine maintenance and associated costs.

- If vapor-proof packaging is used, availability of in-house staff, contract labor, or volunteers, and funds for supplies.
- Ability to monitor certain types of equipment and respond correctly and promptly to malfunctions before collections are endangered.
- Long-term energy costs.
- Ongoing budgets for long- or short-term leasing, especially for the shipping/handling fees associated with high-use materials vs. all of the above.

No single cold storage option is appropriate for all circumstances because institutions have different staffing, operational and capitol budgets that can influence the funding of upfront costs vs. financial commitment to ongoing expenses. Prices will vary among vendors and regions, and there are often additional costs not considered here. Cold storage, especially the use of vaults, requires a commitment to active oversight and maintenance that varies considerably with the chosen storage options.

Acknowledgments

Financial support to assist in this research was generously provided by The Andrew W. Mellon Foundation. Much of the information in this article was previously presented in 2003 and 2006 at two Mellon Collaborative Workshops in Photograph Preservation held at the Library of Congress and focused on preventive conservation. Constance McCabe provided excellent editorial assistance for this article, shared her knowledge of cold storage practices and assisted in cost analysis. George Charlsen of the Gieseler Corporation provided vault quotes and much helpful assistance. All other vendors asked to remain anonymous. This article could not have been possible without the pro bono estimates provided by the vendors.

—Sarah S. Wagner
sarahwagner@att.net

Taina Meller has taken a position as associate conservator of Photographs at The Advanced Residency Program in Photograph Conservation at George Eastman House and Image Permanence Institute in Rochester, New York.

Jemima Rellie joined the Getty Conservation Institute as the new assistant director of Communications and Information Resources. Jemima came to the Institute from Tate in London where she had been head of Digital Programs since 2001.

Howard Wellman has left the Maryland Archaeological Conservation Laboratory to focus full-time on private practice. Howard Wellman Conservation LLC provides conservation services including collections assessments, documentation, and treatments to the full range of archaeological materials, as well as historic tools and objects. A new specialty of the firm is the assessment and conservation of cemetery monuments and related materials.

Ralph Wiegandt has been named as assistant director of conservation education for The Advanced Residency Program in Photograph Conservation at George Eastman House and Image Permanence Institute in Rochester, New York.

The George Eastman House and Image Permanence Institute in Rochester, New York are pleased to announce that the Andrew W. Mellon fellows for the 5th Cycle of the ARP are: Caroline Barcella, Valentina Branchini, Mirasol Estrada, Chie Ito, Alejandra Mendoza, Anna Michas, Mari Miki, and Hyejung Yum.

Allied Organizations

HERITAGE PRESERVATION

Annual Meeting to be Held Next Spring

Heritage Preservation's 2008 Annual Meeting will be held on Monday, April 21, 2008, in conjunction with the AIC meeting in Denver. Both Heritage Preservation and other interested AIC members are invited to participate. The meeting, at the Hyatt Regency Denver at 4 p.m., will include a briefing on the IMLS initiative Connecting to Collections: A Call

to Action and updates on Heritage Preservation programs and federal funding for collections care will be provided. A reception will follow the meeting. For additional information, check www.heritagepreservation.org. Online registration will begin in mid February.

Regional Forum Takes Place in Atlanta

As part of its Connecting to Collections national initiative, IMLS in cooperation with Heritage Preservation, is sponsoring **Preserving America's Diverse Heritage**, a forum at the High Museum of Art in Atlanta, Georgia, on January 31 and February 1, 2008.

Collections that tell the story of America's diverse cultures face many challenges, including the handling of culturally sensitive objects, caring for oral history archives, and difficulties in attracting funding. Preserving America's Diverse Heritage will provide both information and inspiration to help participants care for significant collections and mobilize support in their communities. This forum, like all aspects of the Connecting to Collections initiative, gives particular focus to the needs of small to medium-sized museums, libraries, and archives.

A second forum June 24 and 25 in Denver, at the Denver Public Library and the Colorado Historical Society, will focus on Collaboration in the Digital Age. Both forums are open to the public, and AIC members are especially welcome. Additional information and on-line registration is at www.imls.gov/collections/tour.

COLLEGE ART ASSOCIATION

"Learning to Look" Workshop

On Thursday February 21, 2008, AIC will sponsor a workshop and session of papers at the 96th annual meeting of the College Art Association that will focus on the material aspects of Abstract Expressionist painting, to take place in the Dallas Museum of Art. Conservator Inge-Lise Eckmann and Dallas Museum of Art curator Charles Wylie will conduct a workshop

"Learning to Look: Abstract Expressionist Painting." The workshop will be limited to 12 participants. Later that day, a session of papers on the topic "Abstract Expressionist Painting: Looking Closely" will be held. The speakers will be conservators Corey d'Augustine (Museum of Modern Art), Inge-Lise Eckmann, and Bradford Epley (Menil Collection), art historian David Anfam, and art dealer Jason McCoy. Their talks will focus on the materials and techniques used by Yves Klein, Jackson Pollock, Arshile Gorky, Barnett Newman, and Clyfford Still. This session is open to all interested parties. For further information, please contact Rebecca Rushfield at wit-tert@juno.com or (718) 575-2702.

Health & Safety

High Altitude Tips for the Denver Meeting!

Denver is really one mile high! By an amazing stroke of good luck, there is actually a step on the State Capitol Building that is exactly 5,280 feet above sea level. No one is sure which step corresponds to this measurement, but the distance itself takes some getting used to.

In Denver's rarified air, golf balls go ten percent farther and so do cock-tails. Alcoholic drinks pack more of a wallop than at sea level. The sun feels

Seek out Sponsorships

Sponsorships are a vital means to stretch your Specialty Group's annual meeting budget. If your Specialty Group and AIC work together we can assist you in increasing your sponsorship levels. Let AIC know ahead of time which organizations your group plans to approach for sponsorship, so that we can ensure that a potential sponsor is not being approached by many different parts of AIC at once. Be sure keep Ruth Seyler, Membership and Marketing Director, involved throughout the cultivation process and inform your sponsors that they need submit any payments to AIC directly. By keeping AIC in the loop, we can make sure the sponsor receives recognition.

warmer because you are closer to it, but your coffee is cooler because water boils at 202 degrees. Denver is also extremely dry, so it is a good idea to drink more water than normal. With less water vapor in the air at this altitude, the sky really is more blue in Colorado. But there is 25 percent less protection from the sun.

Drink plenty of water before your trip to Denver and while you are there. You will need to drink about twice as much water as you would drink at home.

Hold back on alcohol and sedatives, and exercise moderately. The effects of drugs are magnified at altitude, and breathing may seem more difficult when you first arrive.

Bring sun protection such as sunglasses, sunscreen, and lip balm because Denver receives over 300 days of sunshine per year (more than San Diego or Miami).

Altitude: The air is just thinner. Many people with respiratory problems move to Denver for the dry air. But the change in altitude may make you feel different for a few days. The effects of exercise are more intense so, if you normally run ten miles a day at home, you might try six miles in Denver. Be aware that this may change your respirator fit testing experience, but those who are assisting you with the test will be there to help!

—From *www.denver.org* and the AIC Health & Safety Committee.

New ANSI Standard for Fall Protection

According to the Bureau of Labor Statistics, falls remain the number one killer in the construction industry and high on the list in other industries. The American National Standards Institute (ANSI) and the American Society of Safety Engineers (ASSE) have collaborated to develop a new standard that takes a more comprehensive and detailed approach to fall protection.

Z359-2007 received final ANSI approval on May 31, 2007 but took effect in October. There are five different standards within the code:

- Z359.0-2007: Definitions and Nomenclature Used for Fall Protection and Fall Arrest

- Z359.1-2007: Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components
- Z359.2-2007: Minimum Requirements for a Comprehensive Managed Fall Protection Program
- Z359.3-2007: Safety Requirements for Positioning and Travel Restraint Systems
- Z359.4-2007: Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components

More specific than the old standard (ANSI Z359.1-1998), the new one includes detailed information on how to set up an effective fall protection program and more clearly defines “competent person” and “qualified person” by establishing credentials for these roles. It also emphasizes safety requirements for fall protection devices such as lanyards, harnesses, connectors, self retracting lifelines and assisted rescue.

For more information on the new fall protection standard or for a copy of the standards, go to www.ansi.org.

Paying for Personal Protective Equipment: Employers' Responsibility

Eight years after it was first proposed, a standard that requires employers to pay for employee personal protective equipment (PPE) has been published in the Federal Register. The standard does not require employers to provide PPE where none has been required before. Instead it stipulates that the employer must pay for the PPE required by current regulations, with the following exceptions:

- Non-specialty safety-toe protective footwear, including steel-toe shoes or boots, and non-specialty prescription safety eyewear if the employer permits such items to be worn off the job site.
- If the employer provides metatarsal guards but allows employee to use shoes or boots with built-in metatarsal protection, the employer is not required to reimburse employees for the shoes or boots.
- Logging boots.
- Everyday or ordinary clothing, such as long sleeve shirts, long pants,

street shoes, and normal work boots, or skin creams and other items used solely for protection from the weather such as winter coats, jackets, gloves, parkas, rubber boots, and hats.

- Lost or intentionally damaged PPE does not have to be replaced at the employer's expense.

According to OSHA, with the exception of footwear, employers for “nearly all industries” already pay for more than 90 percent of their employees' PPE. But now, it is the law. The law becomes effective February 13, 2008. After that, employers have until May 15, 2008 to be in compliance.

BNA-OSHR, 37(45), 11/15/07, p. 1007 & 72 FR 64341-64430, 11/15/07

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Grants and Fellowships

2007-2008 Rome Prize Competition

Jana Dambrogio, a conservator at the Document Conservation Laboratory at the National Archives and Records Administration (NARA) is a recipient of the Booth Family Rome Prize for the 2007/2008 year. She will be working on "A Technical Study of Northeastern Italian Monastic Legal and Accounting Documents and Bindings at the Vatican Secret Archives."

The Rome Prize, administered by the American Academy in Rome, is awarded to 30 artists and scholars representing a variety of disciplines. Winners of the Rome Prize reside at the Academy's 11-acre center in Rome and receive room and board, a study or studio, and a stipend. For more information, visit the <http://www.aarome.org>.

Deadlines for FAIC Grant and Scholarship Applications are February 1 and 15. Guidelines and application forms are available at <http://aic.stanford.edu/faic> or from the AIC office. Feb. 1: “Take a Chance,” Christa Gaehde, and Carolyn Horton grants.

Feb. 15: Lecture, Regional Angels, and Workshop Development Grants and Individual Professional Development Scholarships.

Please see the AIC website for other grant opportunities and deadlines. Visit <http://aic.stanford.edu/faic>

Conference Review

Decorated Surfaces on Ancient Egyptian Artifacts: Technology, Deterioration and Conservation Conference

One of the more rewarding recent meetings, “Decorated Surfaces on Ancient Egyptian Artifacts: Technology, Deterioration and Conservation,” was held at Cambridge University, England from September 6-9, 2007. Attendance was substantial: over 100 people from 16 countries—conservators, students, scientists, administrators, and Egyptologists—and there was a free-flowing exchange of ideas.

The tone of the meeting was established during a day of professional development workshops preceding the conference proper and reinforced at various points throughout the four-day event. ‘Extra-curricular’ events included a private viewing and reception to celebrate the exhibition of the beautiful, recently conserved papyrus Book of the Dead of Ramose at the Fitzwilliam Museum, and on the following evening at Cambridge University’s annual Stephen Glanville Memorial Lecture, presented this year by eminent Egyptologist, Professor Barry Kemp. Professor Kemp spoke about his decades of work at Amarna (Akhenaten’s mud-brick city) and keyed his talk on the challenges of site preservation. This topic nicely segued into a presentation and film on the rescue the Tarharqo temple wall painting at Qasr Ibrim on the next day. Also available on Sunday were tours of the Fitzwilliam Museum galleries, storage, and conservation spaces and a fun and informative workshop on mummy wrapping. These events enabled

informal discussions among participants in a relaxed but stimulating atmosphere.

The day of professional workshops at the Fitzwilliam afforded a fabulous and rare opportunity to examine ancient Egyptian objects up close. Participants were willing and eager to engage in discussions to reaffirm and/or expand on their knowledge of materials used by ancient Egyptians. Topics presented included woods, pigments, ‘bronzes,’ mummy portraits, animal mummies, cartonnage and basketry. The workshops were well planned and accompanied by printed material available to participants.

The two-day conference started off with a comprehensive literature review given by conservators from the Museum of Fine Arts, Boston including Susanne Günsicke, Pamela Hatchfield and Gwynne Ryan. Although the authors found textiles, papyrus, mummies, and encaustic paintings to be fairly well published, they suggested that a cohesive body of literature was lacking for other types of Egyptian materials, especially organics. This was followed by two case studies: Gwynne Ryan gave a highly informative description of an ongoing conservation project to treat polychrome wooden models and Renée Stein and Peter Lacovara’s paper provided a comprehensive overview of materials used on coffins ranging from the 11th to 30th dynasty eras.

A highlight of the conference was fascinating discussion of recent research on Egyptian pigments. A detailed account of pigments was presented in the paper by Sandrine Pagès-Camagna and Hélène Guichard. Based on the results of their analyses, which the authors stressed were not comprehensive, they provided some general guidelines about what pigments were used during which eras. David Scott’s talk on the characterization of various Egyptian green pigments continued in the same vein by reviewing in detail the thorny problems in identification.

Following the discussions on pigments, Phil Parkes and David Watkinson of Cardiff University offered a valuable synopsis and comparison of examination techniques using visual assessment, x-radiography, and computerized tomography in the examination of a 21/22 dynasty coffin.

Three papers on decorated objects

involving metals followed. The first was a review of gilded wood by an Egyptian team, presented by Dr M.M. Rifai, which highlighting the results of extensive analytical work. Ann Heywood presented her findings on an intriguing object: a wooden statue with a lead metal cladding (now lost). Various possible explanations for the lead, whether it was a symbolic material or an underlay for some other surface treatment, were advanced. Fleur Shearman discussed the concept that Egyptian bronze statues may have looked much more like wooden polychromes through the use of a variety of alloys and/or patinations. Much of this subtle detail may have been lost when the 18th, 19th and early 20th century taste for a “noble patina” caused the metal to be ‘restored’ to an overall dark color. The day concluded with a study of Egyptian black bronze by M.A. Abd-El-raouf and W.A. Mohamed. The authors’ analytical work was based on objects of the Cairo Museum that were unlikely to have received post-excavation treatments that would hinder useful analyses.

The second day of talks started off with a lively presentation by Dr Nadia Lokma of the Supreme Council of Antiquities in Egypt. Her presentation wowed attendees with an account of her team’s successful efforts, working under extremely difficult conditions, to rescue the severely compromised coffins found in Tomb KV63 in the Valley of the Kings, Luxor. Neatly contrasted with this account of work in the field, a paper on the treatment of an 18th Dynasty painted coffin by conservators from the Brooklyn Museum of Art presented an excellent case study for an object that had been extensively restored and now needed improved stabilization and restoration in preparation for a traveling exhibit.

Then followed a group of unrelated, but nevertheless informative and well presented, papers. Sophie Rowe, Ruth Siddall and Rebecca Stacey, presented the results of a collaborative project involving analysis and treatment of a gold Ptolemaic mask. Their study included a fascinating account of microfossils found in the gesso layers which could perhaps lead to identification of the source of the gesso. Veronika Vlkova Antoniou discussed the challenges, and

opportunities, presented to conservators in an atmosphere of changing exhibit philosophy, a theme further explored in some of the conference posters. Barbara Wills presented a remarkably comprehensive and fascinating review of the range of Egyptian basketry methods and materials as well as examples of treatments.

The final sessions of the conference gave rise to productive discussions about technology, deterioration, and treatment of mummy portraits and mummy shrouds. Lin Spaabaek offered a means of categorizing types of deterioration found on mummy portraits. Her work generated a general consensus that a database should be established to centralize information about this particularly vulnerable type of artifact. Jane Williams presented a case study on the treatment and mounting of an important group of portrait paintings at the Hearst Museum of Anthropology at the University of California – Berkeley. Her premise was that the value of this group of paintings resided in their secure provenance, the fact that they were a coherent group, and that had received little previous treatment.

Current work on mummy shrouds was illustrated in the last two talks of the conference. Roberta Cortopassi, presented a collaborative research project based on an Egyptian painted shroud of the Roman period. The paper was a cautionary tale about the problems caused by a series of early 20th century treatments of a fragile painted textile and the steps taken to reverse earlier treatments

without causing further difficulties. Finally, Marie Svoboda and Marc Walton gave a lecture on the investigation of the J. Paul Getty Museum's red shroud mummy, in which they discussed the full use of the analytical techniques available through the Getty Conservation Center. A surprising European source for some of the pigments analyzed was advanced.

In addition to the papers presented over two days, attendees had the opportunity to see and discuss a number of extremely impressive posters during breaks; there was so much to see that it was hard to find sufficient time. Luckily, the organizers plan to include the poster material in the postprints.

The organizing committee for the conference, led by Julie Dawson and Susi Pancaldo, did a magnificent job in arranging a terrific program, presenting it seamlessly, and putting together splendid practical information packages for the participants. This conference was the third in an occasional series on the conservation of Egyptian antiquities; the publications of the previous programmes have become "must-haves" for any laboratory dealing with this material. No doubt, all participants eagerly look forward to the next in the series.

*Revised and reprinted from ICON News
Nov. 2007 with permission.*

Worth Noting

Tuition Remission and Book Allowances at Buffalo State

The Buffalo State College Art Conservation Department is pleased to announce that effective Spring 2008, students will no longer be required to pay tuition. This new tuition remission program, established by Buffalo State College President Muriel Howard, will enable students to focus on their studies and to begin their professional careers as conservators as debt-free as possible. In addition, President Howard has agreed to provide book allowances for all first- and second-year students. The Department is thrilled to be able to offer all students ample fellowship support to cover living expenses. For more information, see www.buffalostate.edu/depts/artconservation/.

Monitoring Environmental Conditions: a Regional Loan Program

There are a few general truths of collections storage environments that we all recognize—water is bad, cold is good, and so on. The difficulty is in the details—how much is too much, how do I measure the conditions, and what do they mean? Technology has provided new and innovative tools for the monitoring and recording of collections environments, but affordability can still be a challenge. Over the past year, the Preservation Committee of the Western

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New York Library Resources Council (WNYLRC), with the support of a state grant, has piloted a program to help offset the cost of this equipment, while at the same time providing the expertise to analyze and interpret the recorded environmental conditions.

Using the Preservation Environment Monitor (PEM) and Climate Notebooks software developed by the Image Permanence Institute (IPI), the Committee designed an loan program, with IPI's approval, in which WNYLRC purchased the monitoring equipment—six PEMs and the Climate Notebook software—and is making it available to their constituency. For a small fee, organizations in the WNYLRC's service area can borrow a PEM for one year. The environmental data collected over the course of that year is then analyzed and interpreted by WNYLRC staff, and the organization receives a copy of the report, with explanations as to why certain conditions may be occurring, and suggestions as to how to resolve problems.

The goal of the program is to provide small organizations with access to tools and expertise that may not otherwise be available to them, seeking to effectively increase awareness about the impact of storage conditions on the preservation of collections. The data and suggestions, it is hoped, may additionally provide organizations with the information they need to seek out funding to improve their storage facilities—and thus

the preservation of our heritage.

Other states have similar programs, generally through field services offices. To see if one is located in your state, visit www.aaslh.org/fsa. If you have questions about this program or the IPI tools, contact Jeremy Linden, head of archives and special collections, State University of New York at Fredonia, at jeremy.linden@gredonia.edu or at (716) 673-3183.

-Jeremy Linden, head of Archives and Special Collections, State University of New York at Fredonia

Peruvian Earthquake Damage – Conservation Help!

The catastrophic earthquake that struck the south coast of Peru on Aug. 15, 2007 damaged numerous museums and archaeological and historic sites in the region. The major towns of Ica, Pisco and Chincha and the surrounding villages were the most heavily affected.

Assistance with damage assessment, the repair of adobe structures and collections care is most urgently needed, along with materials for collections storage. Irene Velaochaga, the director of the national system of museums in Peru, and Vanessa Wagner, the senior cultural specialist at the U.S. embassy in Lima, are coordinating donations of supplies and volunteers.

The following museums and sites are in particular need of assistance:

- Huaca Malena Site Museum in the

town of Asia and the 16th-century church at Coayllo. Contact Rommel Angeles Falcón, museum director and membership secretary for ICOM-Peru, at rommelangel@hotmail.com.

- Ica Regional Museum. Contact Susana Arce, director.
- Archaeological sites in Chincha and Ica, including the Paracas Site Museum on the Paracas Peninsula, the Inca Palace at La Centinela and Cerrillos. Contact Rubén García, INC regional patrimony director.
- The Inca site of Uquira. Visit the website of National Cultural Institute (INC) in Lima for a list of current officials.

The International Council of Museums (ICOM), as part of its Disaster Relief for Museums Fund, has created a dedicated account to accept monetary donations for Peru. To donate to the Peruvian fund, contact Piet Pouw, interim secretary general, at secretariat@icom.museum. Donations to the general fund are also being accepted.

In light of the recent release of the Red List of Peruvian Objects at Risk, soon to be posted on <http://icom.museum/redlist>, ICOM strongly supports the efforts to assist Peruvian museums and feels that this is another important step toward preserving the cultural heritage of this area.

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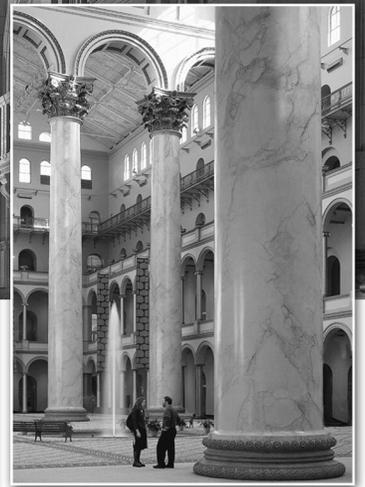
AIC 36TH ANNUAL MEETING APRIL 21-24, 2008 DENVER, COLORADO

*For registration information, schedules,
exhibitors, accommodations, and more visit:*

<http://aic.stanford.edu/meetings>

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SPECIALTY GROUPS



ARCHITECTURE

2008 AIC Annual Meeting:

The 2008 Annual Meeting will be held in Denver, Colorado, April 21-24, 2008. The theme of the meeting is "Creative Collaborations." The ASG's session is on Thursday, April 24, and will fill the entire day. The day's session will incorporate the general theme of collaboration on several levels: researchers collaborating with field practitioners, conservators collaborating with design professionals, and conservators collaborating with all parties involved in construction. The business lunch will also be on Thursday and, as in previous years, it is free for ASG members. The annual ASG dinner will be held on Wednesday night. We plan to organize tours for both Tuesday and Wednesday. 2008 marks the 20th anniversary of the establishment of the Architectural Specialty Group. The conference will include events to celebrate this milestone.

Professional Associates: The ASG officers want to encourage all qualified members of the ASG to become Professional Associates. Qualifications and applications can be downloaded from the AIC website. The cost to become a PA increases in January so get your application in ASAP!

ASG Website: James Cocks recently made some cyclical updates to the ASG website. He is still exploring the feasibility of adding podcasts to site. If you haven't visited it recently, the address is <http://aic.stanford.edu/sg/sg/index.html>. James would like to think about passing these editorial duties to someone else in the next year. Being the webmaster has been an excellent opportunity for him during his time as

a pre-program intern and then as a graduate student. If anyone is interested in volunteering for this job, please contact me at the address below.

Architectural Paint

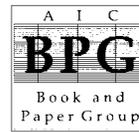
Conference: The 3rd International Architectural Paint Research Conference will be held in New York City from January 17-19, 2008. Topics to be discussed at the conference include: cultural significance, paint materials, wallpapers, analytical and instrumental techniques, and practical applications. The ASG is supporting the conference postprint publication. For additional information, visit the conference website:

www.aprconference.us.

APTI Conference: AIC-ASG conducted a two day workshop at the Association for Preservation Technology International Conference (APTI) in November. The workshop incorporated lecture, demonstrations and hands-on treatment. Workshop leaders included Judy Jacob of New York, who organized the event; Molly Lambert, Architectural Conservation, Inc. and David Wessel of Architectural Resources Group, Inc., both out of California; Andrzej Dajnowski of Conservation and Sculpture, Incorporated from Chicago; Scott Kreilick of Kreilick Conservation, LLC out of Pennsylvania; and Catherine Dewey of Washington, DC. The workshop began Saturday morning with discussions of conservation ethics and procedures and continued into the afternoon with demonstrations and cold waxing of designated plaques in the city. The following day, the group divided into groups throughout the city that washed and waxed plaques, learned about and performed testing on marble monuments and treated a plaque for the National Park Service, San Juan National Historic Site. The group treated six plaques of varying levels of conservation and was intro-

duced to stone treatments. Everyone had a lovely time in Puerto Rico. We hope to have future interaction with APTI.

—Linnaea Dix Dawson, ASG
Secretary/Treasurer
(323) 669-8229
dixdawson@mindspring.com



BOOK AND PAPER

AIC IAG meeting: As chair of BPG, I attended a meeting of the Internal Advisory Group of AIC on November 9, 2007 in Washington DC. The attendees included chairs from all of the specialty groups and AIC committee, publications, and task force chairs as well as the AIC staff and AIC officers. My perspective of this meeting will be sent to the BPG e-mail list and posted to the BPG website in installments. The first part, sent in December, focused on the 2008 and 2009 AIC annual meetings and meeting planning and costs in general. Please check the website (<http://aic.stanford.edu/sg/bpg/index.html>) if you are not signed up for the e-mail list.

AIC 2008 Annual Meeting: A huge thank you is due to Alexis Hagadorn who has put together an amazing schedule of speakers for the April AIC meeting. A list of the speakers and titles was sent to the BPG e-mail list and is also posted to the BPG website. The Library Collections Conservation Discussion Group (LCCDG) and the Archives Conservator's Discussion Group (ACDG) will hold concurrent sessions on digitization project case studies and environmental monitoring respectively. There will also be a joint session with the Electronic Media Group (EMG) which grew out of last year's discussion session between EMG and LCCDG.

AIC 2007 Annual Meeting: At last year's meeting we went over budget in the refreshment category by almost \$6,000



due to the cost of the coffee breaks. Although the high cost was not due to the high price of coffee (about \$5 per person per coffee break), it was reflective of a higher-than-anticipated number of attendees at the meeting, two full days of programming and the manner of cost sharing devised by AIC. I have shared my concerns about this issue with the AIC office and Eryl Wentworth has communicated to me that she will be reviewing the annual meeting structure and costs over the next year. Beginning in 2009 specialty groups will have to pay for meeting space, in addition to coffee breaks, audio visual equipment and labor. As I mentioned in my previous column, these are all factors that must lead us to cut back our programming at future AIC annual meetings and return to a balanced budget.

Publications Committee: The Publications Committee held its winter meeting in Washington, DC on Saturday, December 1. As you may recall, the publication of the BPG Annual is behind schedule by three volumes. At least two volumes should be at the publishers in January with delivery occurring by the annual meeting. It is important to remember that \$26,000 of our financial reserves will be needed for printing and mailing of these volumes. The Book Conservation Catalog is almost ready to go online with the Paper Conservation Catalog (PCC) not far behind. A new PCC task force has been formed, chaired by Scott Homolka and Stephanie Lussier, to address where to go next with the PCC. You will hear more about this project at the BPG business meeting.

Website: I would like to give a huge thank you to Bruce Bumbarger who has updated the look and navigation of the BPG website. Please take a moment to look at the new site, still at the same address (listed above). It is currently a work in progress, so please bear with us while we work to add new content to the many new sections we have added.

—Emily Jacobson, BPG Chair
(202) 488-0477
ejacobson@ushmm.org



CIPP

Denver Annual Meeting: Jill Whitten is putting together what promises to be a memorable half-day workshop focusing on general business practices. This will take place on Monday, April 21, from 1:00–6:00 p.m., before the opening of the General Session on Tuesday the 22nd. The scheduling for this workshop should allow the savvy CIPP to arrive in Denver Monday morning and attend the workshop without incurring an additional night hotel expense. Pre-registration is required, and the workshop will only be open to CIPP members. Don't forget to sign up when your registration booklet arrives! The fee for this workshop will be an extremely reasonable \$60. Details are still being worked on, but 3 to 4 speakers are being considered, and those attending will be sent detailed questions and information prior to the workshop. An interactive format is planned to allow ample opportunity for exchanging information on business practices. Participation will be required, so plan to bring success stories, tips, and questions. Personally, I am looking forward to having a five-hour block of time to learn from the collective wisdom of CIPP.

Business Meeting: Our annual business meeting will take place on Thursday, April 24, from 5:30–7:00 p.m. at the conference hotel. The event will be free, but you must reserve a ticket when you register for the meeting. A cash bar will be available, and there should be time to interact with fellow CIPP after the business portion of the program is finished.

As always, if you have any suggestions on how to help CIPP serve you better, please don't hesitate to contact me or any board member.

—Jeff Peachey, CIPP Chair
(212) 387-7860
peachey@pipeline.com



ELECTRONIC MEDIA

Elections: Like all AIC specialty groups, EMG is dependent upon active members to build and maintain a vibrant, relevant community. If you've benefited from EMG's programs or services, it is time to give back. EMG is seeking nominations for three board positions:

- Chair (2-year term)
- Webmaster (2-year term)
- Assistant Program Chair (1-year term, followed by 1-year as program chair)

The responsibilities of each position are listed on the Rules of Order section of the EMG website at <http://aic.stanford.edu/sg/emg/about/rules.html>. Please consider nominating interested colleagues or even yourself by contacting a member of the Nominating Committee by January 15, 2008.

The 2008 Nominating Committee includes Hannah Frost (hfrost@stanford.edu); Kate Murray (kmurray@umd.edu); Will Real (RealW@CarnegieMuseums.Org); and Sarah Stauderman (StaudermanS@si.edu).

Business Meeting: The EMG Luncheon & Business Meeting at the Annual Meeting in Denver will take place on Tuesday, April 22, from 12:15–1:45 p.m. EMG has reserved a space at a nearby restaurant and there is no registration fee, but you must register through AIC in order to attend. You will be able to order and pay for your own lunch off the restaurant menu. See the AIC Annual Meeting registration form for details. View EMG's program schedule for more information related to the Annual Meeting at <http://aic.stanford.edu/sg/emg>.

Optical Media Pen: You can now order additional EMG Optical Media Pens with a credit card through the AIC office. Download the order form at



<http://aic.stanford.edu/sg/emg/pen/>.
New EMG members receive a free pen. We are in the process of distributing pens to new members; sorry for the delay getting these out to you.

Membership Renewal: EMG grew to 151 members in 2007, which is great news. Don't forget to renew your membership.

—Jeffrey Warda, EMG Chair
(212) 423-3759
jwarda@guggenheim.org



OBJECTS

The AIC Internal Advisory Group (IAG) meeting was held in Washington, DC, on November 9. The IAG includes AIC board members, specialty group chairs, committee chairs and AIC staff. Highlights included:

Member Get a Member

Initiative: Is there someone in your lab who is not an AIC member? Perhaps you know someone in private practice who was apprentice trained and remains disconnected from the larger conservation world. AIC is asking its members to invite these lone-some souls to become AIC members. You can put them in contact with Ruth Seyler, membership & marketing director rseyler@aic-faic.org.

The AIC Guide to Digital Photography for Conservators (working title):

Coming Soon!! This exciting new publication is a result of hard work by the AIC Digital Documentation Task Force. It is in the final stages of development and will be featured at the Denver Issues Session (the EMG will run two how-to sessions in Denver—look for these!). Developed by six sages, this document is also currently being vetted by conservators who know a lot less about the subject so that it promises to be user friendly even for those of us who struggle in the digital age.

AIC Website Development

Update: The original vendor chosen by AIC has opted out, and AIC is waiting to finalize plans with two other vendors. This has caused a slight delay in redevelopment, but will save money in the long run. OSG has contributed \$2,500 towards the new website.

Electronic Voting: EMG, CIPP and ASG conducted successful email elections this year. Response was better than for elections held by snail mail, and trees, time and money were saved. OSG will adopt electronic voting as soon as possible, however this may require a change to our Rules of Order. If we can't do it in time for 2008, look for it in 2009. For those 10 percent of AIC members without email addresses, mail ballots will still be sent.

Annual Meeting Sponsorship:

Did you know that OSG coffee breaks at the AIC meeting cost several thousand dollars and get more expensive every year? Tough beans, these charges make it possible for AIC to contract with the hotel. What's a caffeine addict to do? Find a sponsor! Do you know of a business that might like to advertise its services to objects conservators? If so, they could do it for the price of a coffee break. A sponsoring business might be based in Denver (2008), Los Angeles (2009) or might have a national scope. Please check with me before soliciting any likely candidates so that I can inform the AIC office in order to prevent multiple solicitations to the same potential sponsor.

OSG-List: Attention wishful procrastinating subscribers-to-be: look out for a blast email from Ruth Seyler at the AIC office. She will send all members a link that you can click for instant subscription. Couldn't be easier, no more excuses!

2008 Annual Meeting: Howard Wellman, OSG program chair, has put together an interesting program around the theme of collaboration for Thursday, April 24. Please plan to arrive in Denver on Wednesday in time for the OSG dinner to be held at the Denver Chophouse and Brewery (a bar with handcrafted ales and seasonal beers and vegetarian option for

entree). Don't delay reserving your ticket, last year's dinner was sold out!

—Ann Boulton, OSG Chair
(443) 573-1754
aboulton@artbma.org



PAINTINGS

2008 AIC Annual Meeting:

Eleven talks on the topic of collaboration in conservation have been chosen for the General Session, and PSG Program Chair Noelle Ocon has put together a great PSG program with papers on a wide range of topics. The issues session will be devoted to a discussion of the redesigned AIC website and the work of the Digital Photographic Documentation Task Force. The Task Force is putting together a guide, tentatively titled the AIC Guide to Digital Photography for Conservators, which it hopes will be available for purchase by the Denver meeting. Also, the Task Force will present two workshop/demonstrations during the EMG Session on digital capture techniques and file management. Both presentations should be very helpful to all of us who are making the switch to digital photographic documentation.

Stretchers and Strainers

Chapter Update: It had been hoped that the Stretchers and Strainers Chapter of the Paintings Conservation Catalog would be printed and sent out by the end of the summer. And when does publication ever go as quickly as hoped? However, Carol Christiansen, Head of the Catalog Editorial Board, reports that the chapter is now being indexed, will be printed in late December, and should be sent to PSG members in late January 2008.

Certification Update: At the annual AIC Internal Advisory Group meeting in November, AIC Membership & Marketing Director Ruth Seyler discussed the most recent certification survey (the results of which will be posted shortly on the certification page of the AIC website).



Cathy Hawks, Certification Implementation Task Force Facilitator, reported that the Task Force is now developing a business model which includes evaluating the cost of certification to both the membership and AIC. Their work should be completed in about six months.

Internal Advisory Group

Brainstorming Session: Much of the afternoon at the IAG meeting was devoted to a brainstorming session led by President Martin Burke. Everyone present was called on to address where they would like to see AIC in three years and what particular benefits they would like to see AIC able to offer. The answers were thought provoking and inspiring. Eryl Wentworth said that she would like to see an FAIC Development Board that would raise the visibility of the conservation profession. Other ideas included AIC web casts on particular topics (similar to the recent Rohm and Haas forum on R & H materials in conservation); more AIC publications for the general public and allied professionals; a really user-friendly AIC website; online training for new AIC and specialty group officers; increased membership in AIC among allied professionals; funding for research sabbaticals; development of conservator-in-residence and mentorship and exchange programs for mid-career conservators; a \$10,000 national conservation award as a way of raising the field's visibility. If there are particular ideas that you have for benefits don't hesitate to contact me, Martin Burke, or Eryl Wentworth.

Remember to Donate to

FAIC: Everyone should have received AIC Treasurer Rick Kerschner's email highlighting all the good work done by FAIC in developing and sponsoring workshops and providing professional development scholarships. If you can, please make a donation to FAIC. Even very small donations help. Granting agencies and foundations look for participation and commitment within an organization like AIC and are impressed if a high percentage of the membership makes contributions.

—Wendy Partridge, PSG Chair
(216) 658-8700
wpartridge@ica-artconservation.org



PHOTOGRAPHIC MATERIALS

FAIC Grant Matching: The PMG program for matching FAIC donations has been continued. PMG will donate up to \$1,000 in matched funds for any donation given by a PMG member. If you have been thinking about donating to FAIC, this is the time to do it!

Special Project Award: PMG is proud to announce that Erin Murphy was awarded a Special Project Award for a research project on the Identification of 20th Century Developer-Incorporated Prints. These prints, as they are not fixed, remain somewhat light sensitive and can darken, fade, or develop staining over time. Erin's project will aim to use non-destructive methods to identify these prints in hopes of establishing better methods for their preservation. This PMG award will aid in the purchase of developer-incorporated paper and chemistry. Thank you to Marc Harnly, former PMG chair, for sitting on the approval committee for the review of this project.

Advanced Residency Program in Photograph Conservation:

The Advanced Residency Program in Photograph Conservation at George Eastman House and Image Permanence Institute in Rochester, New York is pleased to announce Ralph Wiegandt as assistant director of Conservation Education and Taina Meller as associate conservator of Photographs.

The eight fellows of the 4th Cycle of the ARP, Luisa Casella, Rosina Herrera, Karina Kashina Beeman, Gustavo Lozano, Patrick Ravines, Gawain Weaver, Rachel Wetzel, and Katharine Whitman, received their certificates on August 28, 2007. The Andrew W. Mellon fellows for the 5th Cycle of the ARP are: Caroline Barcella, Valentina Branchini, Mirasol Estrada, Chie Ito, Alejandra Mendoza, Anna Michas, Mari Miki, and Hyejung Yum.

Print Sample Sets: PMG is planning on reprinting the Print Sample Set. We would like to thank Doug Munson of the Chicago Albumen Works and Connie McCabe of the National Gallery for all of their hard work on this project. We are very interested in undertaking a second set covering photographic or photomechanical processes but are looking for volunteers to coordinate the planning and printing of them. If you are interested in taking on a Print Sample Set, please contact me.

I hope that you all have a wonderful new year and I look forward to working with all of you in the year to come!

—Adrienne Lundgren, PMG Chair
(202) 707-6736
petitbonheur@gmail.com



RESEARCH AND TECHNICAL STUDIES

Research and Technical Studies Group did not submit a column this issue.



TEXTILES

Happy New Year fellow textile conservators! I wish you all many smiles and good times in the coming year, along with many successful treatments and solutions for the antique (and sometimes modern) textiles in your care. On your list of New Years resolutions, I am hoping that you have included "Attend the Annual AIC Meeting" so that you can catch up with colleagues, meet vendors, and hear some most excellent TSG members speak. Another New Years resolution to think about is taking one of the professional development workshops. I am particularly grateful to Nancy Britton, Jan Vuori, and Chris Paulocik for organiz-



ing the June 13–15 “Digital Inkjet Printing for Textile Conservators.” Surface printing is not done with silk screens anymore. As they have explained in their 2006 TSG presentation, this method has wonderful possibilities for compensation. This is fabulous opportunity for anyone dealing with losses or even netting issues.

And even far afield conservators can benefit from the long-distance learning via AIC’s new courses on line. Check these out! Some of the courses sound really intriguing! Best wishes for an enlightening 2008 filled with wonderful new ideas and lovely old textiles.

—Mary Ballard, TSG Chair
(301) 238-1210
ballardm@si.edu



WOODEN ARTIFACTS

2008 Annual Meeting: WAG Program Chair Tom Heller has organized a diverse program of speakers around the 2008 AIC meeting theme of Creative Collaborations, with speakers from Europe and Asia; the director of a small house-museum; a decorative arts conservator from a major art museum; and more. Tom has scheduled a day-long program for Thursday, April 24, which is the last day of the conference, a WAG tradition. And the WAG dinner will be held the evening before, at a suitably swank supper club with 17 draft beers on tap, which is a five-star restaurant in some circles. But don’t worry, it will have lots of atmosphere and they’ll still let us in. A toast to Tom!

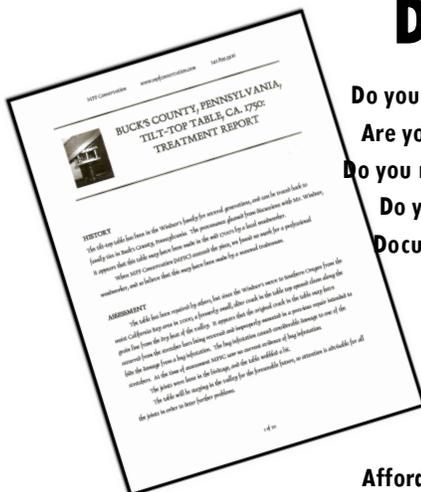
2009 Program Chair: And it’s not too early to be thinking about the 2009 annual meeting, at least to the extent that WAG will likely hold our first online

election in March 2008. WAG is seeking candidates for the office of 2009 program chair for the AIC annual meeting in Los Angeles, CA. Acting as program chair is fun and fascinating, and now that we’ve toasted Tom, please consider contacting him about his experience so far!

WAG Projects Percolate: The first edition of WAG DVD craft demonstrations from the French-American Partnership has sold out, or will sell out imminently and WAG is seeking a wider audience for the DVD’s future market. New topics are under consideration. For example, historic metals in historic furniture remains one of most salient topics for WAG members considering courses or symposia. And study trips continue to be popular, given the extraordinary success of the French American Partnership over the last several years. The idea of an online encyclopedia of historic wood screws continues to be refined and has been joined by the idea of an on-line encyclopedia of cross-section samples of furniture coatings.

—Peter Muldoon, WAG Chair
(202) 633-5167
muldoonp@si.edu

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COURSES, CONFERENCES, AND SEMINARS

CALL FOR PAPERS

July 7–11, 2008. INTER/MICRO
Chicago, IL—Contact: Lauren Logan,
(312) 842-7100, intermicro@mcri.org

GENERAL

January 2008. Modern Materials. The
Getty Institute. Los Angeles, CA—
Contact: modernmaterials@getty.edu

February 10–22, 2008. “Communities and
Memories—A Global Perspective.”
UNESCO International Memory of the
World Conference. Canberra, Australia,
National Library of Australia—Contact:
www.amw.org.au/mow2008

April 9–12, 2008. Museums and the Web
2008. Montreal, Quebec, Canada—
Contact: Jennifer Trant and David
Bearman, mw2008@archimuse.com or
(416) 691-2516

April 21–24, 2008. AIC 36th Annual
Meeting “Creative Collaborations.”
Denver, CO—Contact:
annualmeeting@aic-faic.org

May 27–30, 2008. IPH Congress 2008.
Stockholm, Sweden—Contact: Jan-Erik
Levlin, jan-erik.levlin@iki.fi

May 30–June 5, 2008. 34th Annual
Conference of the Canadian Association
for Conservation of Cultural Property.
Montreal, Canada, McCord Museum—
Contact: Joan Marshall,
joanmarshall@videotron.ca

September 15–19, 2008. “Conservation
and Access.” The 22nd International
Institute for Conservation of Historic and
Artistic Works (IIC) International
Congress. London, UK—Contact: +44
(0)20 7839 5975; iic@iiconservation.org

September 22–26, 2008. “Diversity in
Heritage Conservation: Tradition,
Innovation and Participation.” ICOM-CC
15th Triennial Meeting. New Delhi,
India—Contact: + 39 06 58 55 34 10;
secretariat@icom-cc.org

ARCHITECTURE

January 17–19, 2008. Third International
Architectural Paint Research Conference.
Hosted by the Historic Preservation
Department in the School of Architecture
at Columbia University. New York, NY—
Contact: Mary Jablonski, maj152@columbia.edu; www.aprconference.us

February 1–5, 2008. Terra 2008 10th
International Conference on the Study
and Conservation of Earthen Architectural
Heritage. The Getty Conservation Institute
and the Ministry of Culture of Mali.
Bamako, Mali—Contact: Kathleen Louw,
(310) 440-6216; klouw@getty.edu;
www.getty.edu/conservation/field_projects

BOOK AND PAPER

February 18–21, 2008. International
Conference on “Conservation of Paper
Manuscripts and Documents.”
New Delhi, India—Contact: +91
09868936158; www.namami.org

May 27–30, 2008. IPH Congress.
Stockholm, Sweden—Contact: Jan-Erik
Levlin, jan-erik.levlin@iki.fi

July 4–15, 2008. Collective Workshops
2008. Wellington College, UK—Contact:
info@collectiveworkshops.org

OBJECTS

February 21–22, 2008. “Holding it All
Together: Ancient and Modern
Approaches to Joining, Repair and
Consolidation.” The British Museum.
London, UK—Contact:
science@thebritishmuseum.ac.uk

TEXTILES

September 24–27, 2008. “Textiles as
Cultural Expressions.” The Eleventh
Biennial Symposium of the Textile Society
of America. Honolulu, HI—Contact: Tom
Klobe, Janice Lessman-Moss,
jlessman@kent.edu

COURSE OFFERINGS

The American Academy of Bookbinding
Courses
Contact: (970) 728-3886; staff@ahhaa.org;
www.ahhaa.org

American Association for State and Local
History
Varied locations—Contact: (615) 320-
3203; www.aaslh.org/workshop.htm

Balaam Art Courses
Barcelona, Spain—Contact: Balaam,
Mireia Xarrii, C. Escoles Pies 76, Pral 1,
Barcelona 08017, Spain; +34 93 4171347;
info@balaam-art.com; www.balaam-art.com

Campbell Center for Historic Preservation
Studies
Mt. Carroll, IL—Contact: Campbell
Center; (815) 244-1173; Fax: (815) 244-
1619; registrations@campbellcenter.org;
www.campbellcenter.org

Canadian Conservation Institute (CCI)
Emergency and Disaster Preparedness for
Cultural Institutions (Feb 8–9, 2008).
Canada—Contact: cciicc_edu@pch.gc.ca;
1-866-998-3721; www.cci-icc.gc.ca

Centre for Photographic Conservation
Courses
UK—Contact: Angela Moor, +44
020-8690 3678; Fax: +44 020-8314 1940;
cphotoconservation@cpc-moor.com;
www.cpc.moor.dial.pipex.com

Centro del Bel Libro
Ascona, Switzerland—Contact: info@cbl-ascona.ch;
www.cbl-ascona.ch

COURSES, CONFERENCES, AND SEMINARS



2008 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.aic-faic.org) or from the AIC office: (202) 452-9545, ext. 5.

April 21. Workshops at the AIC Annual Meeting. Denver, CO
(Annual Meeting registration required)
“Communications: Before, During, and After a Disaster”
“How Everyone Gets their Cake: Collaborative Resolution of Competing Objectives for Historic Buildings and Collections”
“Interview Methodology for Conservators”
“Respirator Fit Testing”
“Setting up an Environmental Monitoring Program”
“The Technology of Digital Imaging of Artwork outside the Visible Spectrum”
May 5 – 9. “Mastering Inpainting.” Shepherdstown, WV
May 15–18. “PLASTICS: Plastics Lifetimes Are Short: They need Identification, Conservation, and Storage.” New York, NY
June 13 – 15. “Digital Inkjet Printing for Textile Conservators.” Philadelphia, PA
Aug 4 – 5 and 7 – 8 (two sessions). “Conservation of Tracing Paper.” Williamstown, MA
Oct 6 – 10. “Adhesives for Conservation.” Omaha, NE

FAIC Online Courses

Jan 17 – Feb 13: “Establishing a Conservation Practice”
Feb 14 – March 13: “Digital Photography 101 for Conservators”
March 27 – April 23: “Marketing for Conservation”
May 1 – May 28: “Estimating Conservation Projects”
June 5 – July 2: “Chemical Hygiene for Conservation”
July 10 – Aug 6: “Mitigating Risk: Contracts and Insurance for Conservation”
Sept 11 – Oct 8: “Professional Responsibility in Conservation”
Oct 16 – Nov 12: “Records and Information Management for Conservation”

College of Microscopy
Westmont, IL—Contact: (630) 887-7100;
courses@collegeofmicroscopy.com

Conservation Center for Art and Historic Artifacts (CCAHA)
Philadelphia, PA—Contact: (215) 545-0613; www.ccaha.org

Conservation Center, Institute of Fine Arts, New York University
Contact: Anuja Butala, (212) 992-5888; ab153@nyu.edu; or Shelley Sass, sks3@nyu.edu

Heritage Conservation Network
Clues to the Cloister: Scientific Investigation and Documentation (April 20–May 3, 2008, Italy); Prairie Preservation at the Hutmach Homestead (May 25–31, 2008, North Dakota).—Contact: (303) 444-0128; info@heritageconservation.net

Illinois Digitization Institute at the University of Illinois Library at Urbana-Champaign, Online Courses
Contact: Amy Maroso, maroso@uiuc.edu

International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM)
Wood Conservation Technology (May 26–July 4, 2008, Oslo, Norway)—Contact: ICCROM, +39 06 585531; iccrom@iccrom.org

International Academic Projects
Chemistry for Conservators (by correspondence, 4 months starting January 1st, March 1st, Sept 1st); Conservation of Glass (Corning, USA) May 19–23; Making High Quality Resin Replicas of Museum Objects (Denmark) May 26 –30; Making High Quality Electroform Replicas (Denmark) June 9 – 13; Indo-Persian Paintings Workshop (London) June 16–20; Digital Photography of Museum Objects

(London) June 24–25; Deacidification of Paper (London) June 25 – 26; Giltwood Frame and Object Restoration Workshop (London) June 30 –July 4; Pigments and the Polarizing Microscope (Somerset, UK) June 30 – July 4th Identification of Paper Workshop (London) July 7–8; Lapis Lazuli – Fact and Fiction workshop, (London) July 8; Mounting Museum Objects for Exhibition (Aberdeen) July 8 – 10; New Methods of Cleaning Surfaces of Books and Paper (London); July 14 – 18; Leather Conservation Workshop (Northampton) July 15 – 17; Practical Insect Pest Management (London) June 17 – 18; Identification of Wood (London) July 21–25; Integrated Pest Management for Libraries and Archives (London) July 22nd; New Methods of Cleaning Paintings (Australia) July 20 – August 1; New Methods of Cleaning Painted Surfaces of 3D Objects (Australia) August 4 – 8; Preservation of Medieval Books (Italy) August 4 – 29; Introduction to Laser Cleaning in Conservation (Liverpool) tbc—Contact: James Black,

COURSES, CONFERENCES, AND SEMINARS

International Academic Projects, 6 Fitzroy Square, London W1T 5HJ, UK; +44 207 380 0800; info@academicprojects.co.uk

McCrone Research Institute

Polarized Light and Forensic Microscopy (Jan 14–18, March 24–28, April 21–25, June 9–13 and Aug 11–15); Advanced Polarized Light Microscopy (June 16–20); Sample Preparation and Manipulation for Microanalysis (May 5–9 and Oct 27–31); Microscope Cleaning, Adjustment and Maintenance (March 3–4 and Nov 17–18); SEM/X-Ray Spectroscopy (April 14–18 and Sept 29–October 3); Practical Infrared Microspectroscopy – FTIR (Feb 18–22 and Dec 8–12); Raman Microscopy (Aug 11–13); Microchemical Methods (Sep 22–26); Microscopy for Art Conservators (Oct 6–10); Fluorescence Microscopy (Nov 5–7). Contact—Lauren Logan, (312) 842-7100; registrar@mcri.org; www.mcri.org

Midwest Art Conservation Center

Contact: Melinda Markell, 2400 Third Avenue South, Minneapolis, MN 55408; (612) 870-3128; info@preserveart.org

National Museums Liverpool

Contact: Martin Cooper, Conservation Technologies, National Conservation Centre, Liverpool, National Museums Liverpool, Whitechapel, Liverpool, L1 6HZ, UK; +44 151 478 4904; martin.cooper@liverpoolmuseums.org.uk

National Preservation Institute

Historic Structures Reports (Feb 27, Phoenix, AZ); Preservation Maintenance: Understanding and Preserving Historic Buildings (Feb 28–29, Phoenix, AZ); NEPA Compliance and Cultural Resources (Mar 3–4, Honolulu, HI); Identification and Management of Traditional Cultural Places (Mar 5–6, Honolulu, HI); GIS: Practical Applications for Cultural Resource Projects (Mar 11–12, San Francisco, CA); Historic

Landscapes, Planning, Management, and Cultural Landscape Reports (Mar 11–12, Oklahoma City, OK); Consultation and Protection of Native American Sacred Lands (Apr 2–3, San Simeon, CA); Decisionmaking for Cultural and National Resources in the Legal Environment (Apr 2–3, Washington, DC); Cemetery Preservation (Apr 7–8, Austin, TX); Green Strategies for Historic Buildings (Apr 10, Greensboro, NC); Conservation Strategies for Archaeologists (Apr 14–16, Mount Vernon, VA); Digital and Traditional Photography of Cultural Resources (May 13–14, Denver, CO). Note: Scholarships available for select seminars through the NEA.—Contact: Jere Gibber, Executive Director; National Preservation Institute, P.O. Box 1702, Alexandria, VA 22313; (703) 765-0100; info@npi.org

Northern States Conservation Center
Online Courses/Online Museum Classes
Contact: Helen Alten,
helen@collectioncare.org

Pacific Northwest Preservation
Management Institute

Seattle, WA—Contact: Lori Foley,
lfoley@nedcc.org

Rutgers University School of
Communication, Information and Library
Studies' Biennial Preservation
Management Institute

Contact: Karen Novick, Rutgers
University, 4 Huntington St., New
Brunswick, NJ 08901-1071; (732) 932-
7169; Fax: (732) 932-9314

SOLINET Courses

Contact: SOLINET, 1438 West Peachtree
St., Suite 200, Atlanta, GA 30309; (404)
892-0943

Textile Conservation Centre (TCC)

Winchester School of Arts, UK—Contact:
Kathleen McCulloch, +44 23 8059 7141;

Fax: +44 23 8059 6901;
k.mcculloch@soton.ac.uk

West Dean College

Chichester, UK—Contact: Liz Campbell,
Administrator, West Dean College, West
Dean, Chichester, West Sussex, PO18
0QZ, UK; Tel: +44 1243 818219;
liz.campbell@westdean.org.uk

ASIAN ART MUSEUM OF SAN FRANCISCO



Conservator, Paintings Specialist

The Asian Art Museum of San Francisco offers an exciting opportunity for an experienced paintings conservator to conserve and restore Asian works of art in this world-renowned collection.

The incumbent will perform skilled conservation work in the preservation and restoration of works of art on cloth and paper including, but not limited to, screens, scrolls, banner paintings, Indian miniatures, Japanese woodblock prints, album leaves, photos, and contemporary artworks from various Asian countries.

In order to perform the highest level of complex treatments on important works of art, the incumbent must have an in-depth knowledge of the physical properties and aging characteristics of the materials, and the effects of past and future restorations.

The nature of this highly skilled work requires manual dexterity, intense concentration, and aesthetic sensibility in addition to excellent organizational skills. The incumbent, serving as a lead professional in the Conservation Laboratory, must have the ability to prioritize work, coordinate with preparators and other museum staff, and sequence projects in order to meet agreed upon deadlines.

For the full listing and/or to apply online, visit our website:
www.asianart.org. EOE

POSITIONS, INTERNSHIPS, AND FELLOWSHIPS

SOLOMON R. GUGGENHEIM MUSEUM

Associate Conservator, Contemporary Art

The world-renowned Solomon R. Guggenheim Museum is seeking an Associate Conservator, Contemporary Art for its Conservation Department. The successful candidate will demonstrate a passion for and understanding of modern and contemporary materials, as well as the underlying concepts inherent in the creation of contemporary art.

Position Summary: As a member of the Conservation Department, the Associate Conservator, Contemporary Art is responsible for the care and preservation of the Solomon R. Guggenheim Museum's art collection of an unconventional nature.

Supervisory Responsibilities: There are no direct reports associated with this position. However, this position may oversee interns on occasion.

Key Responsibilities:

- Conduct treatments on works of art.
- Explore and research a wide range of unconventional materials and technology as needed to implement the conservation of assigned works of art.
- In collaboration with senior Guggenheim staff, establish best practices for the care and maintenance of the Guggenheim's collection of contemporary art.
- Travel to international venues to oversee the installation of collection works, and thoroughly document installation works
- Work with living artists, artists' estates and studios to determine appropriate parameters for preservation of contemporary art
- Other duties as assigned.

Qualifications and Requirements:

- Advanced degree from a recognized conservation program.
- Three to five years of museum experience, or equivalent.
- Understanding of the field of time-based or digital art and a willingness to explore and research wide range of materials and technology.
- Demonstrated ability to collaborate with colleagues and communicate

with professionals outside of area of expertise.

- Knowledge and interest in contemporary art.
- All areas of specialization will be considered, with an emphasis on cross-disciplinary interests.
- Must be flexible and creative, with proven problem solving ability.
- Strong interpersonal and written communication skills are required.
- Ability to travel frequently, and sometimes for extended periods of time, is required.

The Guggenheim offers a competitive salary and excellent medical, life, disability and pension plan coverage. Our staff also enjoys generous vacation, sick leave and personal days, access to a variety of cultural institutions, discounts to museum stores and an interesting work environment.

Qualified applicants please send your resume and cover letter, including salary expectations, to employment@guggenheim.org. Indicate the job title "Associate Conservator – Contemporary Art" in the subject line.

The Solomon R. Guggenheim Foundation is an equal opportunity employer.

MUSEUM OF FINE ARTS, HOUSTON

Assistant Conservator

The Assistant Conservator of photographs position is a three year position funded by the IMLS/ National Leadership Grant. The MFAH houses a comprehensive collection of 22,000 photographs dating from the mid-19th century to the present day and is considered one of the greatest in terms of quality and depth, in the United States. Reports To: Carol Crow, Conservator of Photography.

Date Needed: December 2007

Pay Type: Salaried, nonexempt, full time, 35 hours/week

Salary: Commensurate with experience and education

Benefits: group medical and dental insurance, life and long term disability insurance, pension plan, credit union,

flexible compensation plan, paid time off, reserved time off, and holiday pay
Work schedule: Monday - Friday, 9:00 a.m. - 5:00 p.m.

Work Location: Beck Building, a non-smoking facility

Responsibilities include: Under the supervision of the photographs conservator, the Assistant Conservator will perform all aspects of preventive conservation and individual treatment of photographic objects; planning and carrying out appropriate procedures and techniques for examining, documenting, treating, surveying, exhibiting and housing photographic objects, as well as monitoring exhibition installations and storage environments.

Qualifications: Demonstrate sound knowledge of the fundamentals and techniques of photograph conservation and history; Exceptional manual dexterity and good communication skills; an advanced degree in art conservation from a recognized conservation program with a specialization in photograph conservation and/or equivalent training; a minimum of two years working experience in the photograph conservation field is required.

Send resume to Human Resources, Job 075, P.O. Box 6826, Houston TX 77265-6826; Fax 713-639-7597 or email: jobs@mfa.org or apply at www.mfa.org/employment Please include a cover letter and two professional references.

FINE ART CONSERVATION GROUP LLC

Paintings Conservator

"Fine Art Conservation Group LLC is seeking qualified candidates to fill the position of full time paintings conservator. Minimum requirements: Master's degree from a recognized conservation program or equivalent professional training, at least 3 years of practical experience, the ability to devise and conduct treatment procedures independently, and excellent written and verbal communication skills.

We are an established private studio located in Manhattan, specializing in the conservation of primarily 20th cen-

POSITIONS, INTERNSHIPS, AND FELLOWSHIPS

tury and contemporary paintings. In addition to the treatment of paintings, the position also involves on-site surveys and the preparation of condition reports.

Salary and benefits commensurate with experience.

Please e-mail a letter of interest and resume to info@fineartconservation.com

WILLIAMSTOWN ART CONSERVATION CENTER (WACC)



Conservator of Frames and Furniture

The Williamstown Art Conservation Center (WACC) invites applications from qualified frame/furniture conservators for a full-time position in the department of Furniture and Wood Objects.

Necessary skills include the accurate evaluation of problematic wood structures and their surfaces coatings, woodworking, traditional and non-traditional gilding, solvents and their safety, and the application of modern analytical methods. Collaboration on projects with other departments (paintings, paper, objects, and analysis) is common, and the applicant should have good communication and team skills. Candidates should have a graduate degree from a conservation program, or the equivalent experience.

WACC is a non-profit, multi-disciplinary regional conservation facility, located in the Berkshire Hills in north-west Massachusetts. It serves the conservation needs of 50-plus membership institutions, together with private clients. In March 2008 WACC will move to a new state-of-the-art conservation/museum facility located on the Clark Art Museum campus.

Salary will be commensurate with abilities and experience. The position includes an annual research stipend and a generous benefits package. Applications should include a letter of

interest, résumé, and contact information for three references. Please send applications to Thomas J. Branchick, Director, WACC, 225 South St., Williamstown, MA 01267, USA.

WINTERTHUR MUSEUM & COUNTRY ESTATE

Library Conservator

Winterthur Museum & Country Estate seeks a Library Conservator to care for its research library. Responsibilities include preservation administration and conservation of library collections, collaboration with Library and Conservation staff to achieve institutional preservation goals, teaching in the Winterthur/University of Delaware Program in Art Conservation and supervision of staff and volunteers as needed. The Winterthur Library collections encompass a wide variety of printed, manuscript, and visual materials that promote the interdisciplinary study of American art, material culture and everyday life. The collections support both visiting and residential fellowships as well as the research and exhibition needs of the Winterthur Museum and two graduate programs. Its resources include more than 87,000 volumes of printed books and serials and 2,740 record groups of manuscripts and printed ephemera comprising over a million individual items.

In addition to a thorough knowledge of the history and technology of bound structures, manuscripts and photographs, the candidate should demonstrate superior hand skills, familiarity with a wide variety of treatment options, an understanding of conservation science and analytical techniques as they relate to library materials, and knowledge of library preservation standards and practices. Some teaching experience and familiarity with non-print media and library digital imaging programs is highly desirable.

Minimum qualifications: The applicant must hold a Master's degree in conservation or a Bachelor's degree and equivalent experience with a minimum of 5 years of post-training experience.

An MLS or significant experience in a research library is desirable.

Interested candidates should forward a cover letter and resume to Human resources, Winterthur Museum & Country Estate, Winterthur, DE 19735 or email jobs@winterthur.org. EOE

MUSEUM OF FINE ARTS, HOUSTON

Conservation Assistant

The Museum Of Fine Arts, Houston has recently been awarded a National Leadership Grant by the IMLS to develop an Art Conservation Database (ACD) that will create the first web based database that accommodates both detailed text, image records and supplemental records necessary for comprehensive condition reports and collection care recommendations for each recorded artifact. The ACD will enable conservation practitioners to produce general and detailed condition records, treatment history, exhibition history, conservation recommendations, photographic documentation as well as incorporating all available data correspondence, treatment reports and associated research in a single searchable program. The grant will last for three years.

Reports To: The Decorative Arts Conservator and The Objects & Sculpture Conservator

Date Needed: December 2007

Pay Type: salaried, nonexempt, full time, 35 hours/week

Salary: commensurate with experience and Education

Benefits: group medical and dental insurance, life and long term disability insurance, pension plan, credit union, flexible compensation plan, paid time off, reserved time off, and holiday pay
Work schedule: Monday - Friday, 9:00 a.m. - 5:00 p.m.

Work Location: Rosine, a non-smoking facility

Responsibilities include: Work with both the Decorative Arts and Objects Conservation staff on both treatments and data input as part of the grant.

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Qualifications: Experience in structural repairs, gilding, and upholstery for the decorative arts; knowledge of digital photography and common software programs such as MS Word and Excel are required for assisting to develop the ACD. A graduate degree in Art Conservation or extended apprenticeship is desirable.

Send resume to Human Resources, Job 074, P.O. Box 6826, Houston TX 77265-6826; Fax 713-639-7597 or email: jobs@mfah.org or apply at www.mfah.org/employment

YALE CENTER FOR BRITISH ART

Post-Graduate Research Associateship In Painting Conservation

The Yale Center for British Art is offering a Post-Graduate Research Associateship for Advanced Training in the Conservation of Paintings. The term of the associateship will be two years with the possibility of a renewal for a third year. Candidates must hold a master's degree in conservation awarded within the past 3 years and have the ability to undertake research and the highest quality conservation treatments.

The Yale Center for British Art holds more than 1800 paintings. Together with more than 50,000 works of art on paper and 35,000 rare books, the Center forms the largest collection of British art outside the United Kingdom and offers a superb opportunity to study the history of British painting at a major university. The Center engages in interdisciplinary projects involving many parts of Yale, and the Fellow will have opportunities to work with museum curators and conservators as well as students and faculty.

Painting conservation is the newest department at the center, and the successful candidate will be expected to take an active role in the first systematic technical study of the collection. S/he will be encouraged to expand and refine conservation skills through active treatments while developing a sense of connoisseurship through the study of collections. The Fellow will work

under the supervision of the Chief Painting Conservator in a new, well equipped studio. S/he will undertake research to be shared with the museum, conservation, and scholarly communities, and make full use of the Center and university at large.

Written applications should include: letter describing the candidate's professional interest in the position; curriculum vitae; record of Master's degree in conservation; transcript of graduate course of study (unofficial copy is acceptable); names of three references, with full contact information; three confidential letters of reference sent under separate cover.

Fellowship applications should be sent to:

Mark Aronson
Conservation Department
Yale Center for British Art
P.O. Box 208280
New Haven, CT 06520-8280

Deadline for applications is March 1, 2008. Starting date is negotiable.

Position will include: stipend of \$35,000 per year, travel allowance, Yale University health and vacation benefits (22 vacation days; 18 holidays, recess and personal days; and comprehensive health care). Yale University is an equal opportunity employer.

Informal questions can be directed to mark.aronson @ yale.edu or (203) 432-2805.

NATIONAL MUSEUM OF THE AMERICAN INDIAN, SMITHSONIAN INSTITUTION

Andrew W. Mellon Advanced Training Fellowships in Ethnographic and Archaeological Object and Textile Conservation

The National Museum of the American Indian (NMAI) is offering two fellowships in ethnographic and archaeological object and textile conservation, funded by the Andrew W. Mellon Foundation. These fellowships are for one year with a possible renewal of a second year. Fellowships commence fall 2008 and include a \$32,000 stipend,

\$5000 travel/research allowance, \$2000 for medical insurance, and benefits. Fellows work on the Conservation Department's major projects and research related to the projects and collections. The current projects include the preparation of artifacts for exhibit at both NMAI sites: Washington, DC, and New York City. The fellowships are located in Suitland, MD (outside of Washington, DC).

The fellowships are intended to cultivate practical skills as well as to foster a solid understanding of the contexts of material culture, the philosophies of conservation at NMAI, and the ethics of the conservation profession. Museum programming involves collaboration with Native Peoples in the development of appropriate methods of care for, and interpretation of their cultural materials, this may include community consultations both at NMAI and in the field.

Applicant Qualifications: Applicant should be recently graduated from a recognized conservation training program or have equivalent training and experience. The best qualified candidates are those pursuing conservation careers specializing in material culture of indigenous peoples from North, Central and South America. The applicant should have a proven record of research, writing ability, and proficient English language skills (written and spoken). Fellowships are awarded without regard to age, sex, race, or nationality of the applicant.

Application Procedure: Applicant is responsible for submitting all the following materials in English:

- A cover letter explaining applicant's interests and intent in applying for the fellowship;
- A curriculum vitae including basic biographical information, current and permanent addresses, phone numbers, and e-mail addresses;
- Transcripts of both undergraduate and graduate courses of academic study with an explanation of the evaluation system if it is not equivalent to that of the US;
- At least two examples of pertinent publications, lectures, or other written material;

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- Two letters of recommendation from conservation professionals familiar with the applicant's work and one letter of personal reference.

All material must be received by March 15, 2008 and sent to:

Marian A. Kaminitz, Head of Conservation
National Museum of the American Indian/Smithsonian Institution
Cultural Resources Center, MRC 538

4220 Silver Hill Road
Suitland MD 20746

E-mail address for inquiries only:
kaminitzm@si.edu

Finalists will be invited for an interview and asked to submit a portfolio of completed projects.

All applicants will be notified by May 25, 2008 of the selection committee's decision.

CONSERVATION CENTER FOR ART AND HISTORIC ARTIFACTS

Fellowship in Paper Conservation

The Conservation Center for Art and Historic Artifacts, the regional paper conservation laboratory located in Philadelphia, PA, is pleased to offer a twelve-month fellowship in the conservation of works on paper beginning September 1, 2008. The candidate will have the opportunity to work on a wide range of paper-based materials, in a modern, well-equipped conservation laboratory. The candidate may also have the opportunity to participate in on-site collection surveys and/or treatment projects.

The applicant should have a Master's Degree from a recognized conservation training program or have equivalent experience from a formal apprenticeship. Stipend is based on a salary of \$26,000/year plus benefits, two weeks vacation, two weeks research leave, and a \$1,500 travel allowance. Interested applicants should send resume, three professional references, and three sample treatment reports to Glen Ruzicka, Director of

Conservation, CCAHA, 264 South 23rd Street, Philadelphia, PA 19103. Deadline for applications is March 1, 2008.

THE MUSEUM OF MODERN ART NEW YORK CITY

Andrew W. Mellon Fellowship in Photography Conservation

The Museum of Modern Art is offering a one-year renewable advanced fellowship in the conservation of photographic materials beginning in September 2008. The applicant should be a graduate of a recognized conservation training program. The candidate will be exposed to a wide range of photographic materials, as well as modern and contemporary works from the curatorial departments of Photography, Painting and Sculpture, Drawings, Prints and Illustrated Books and Architecture and Design. The candidate will participate in all departmental activities including analysis, conservation treatment, exhibition and loan preparation, including courier responsibilities and travel. The Fellowship is a fully integrated position at MoMA, working with conservation, curatorial and administrative personnel as needed. Research and technical analysis in modern and contemporary art is encouraged, and the fellow will be expected to produce a publishable paper before the end of the appointment based on research completed during the fellowship. The Conservation Department is located in a newly expanded and renovated building on 53rd Street.

Salary is \$40,000.00 plus generous benefits, including four weeks paid vacation. Applicants should send a letter of interest, resume and a list of references to: Lee Ann Daffner, Andrew W. Mellon Foundation Conservator of Photographs, The Museum of Modern Art, 11 W. 53rd St., New York, N.Y. 10019. Equal Opportunity Employer m/f. The closing date for applications is March 1, 2008.

NATIONAL MUSEUM OF THE AMERICAN INDIAN, SMITHSONIAN INSTITUTION

Pre-Graduate Program Conservation Internship

12 months, commencing Fall 2008. \$16,000 stipend, \$1,000 for research and/or internship related travel, plus partial health insurance. Individuals interested in entering conservation graduate program specializing in Native American ethnographic and archaeological objects: organic and inorganic materials. Undergraduate degree in art, history, anthropology, or other field related to Native American ethnographic and archaeological material and a 3.0 GPA or better required. Organic chemistry highly recommended. Submit curriculum vitae, undergraduate transcripts, post-undergraduate course work; three letters of recommendation, one attesting to candidate's academic work. Include cover letter stating reasons for applying. Deadline: Postmarked no later than February 15, 2008. Notification by April 30, 2008. Send application to: Marian Kaminitz, Head of Conservation, Smithsonian Institution, National Museum of the American Indian, Cultural Resources Center, MRC 538, 4220 Silver Hill Road, Suitland, MD 20746

For more information and application form please follow this link:
<http://www.nmai.si.edu/subpage.cfm?subpage=collections&second=conserv&third=training#ctpi>

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