campaign. From simple activities like fire extinguisher demonstrations to more complex activities such as disaster scavenger hunts, this year's participants proved that preparing for emergencies can be easy and fun.

Heritage Preservation encourages institutions to keep the spirit of MayDay alive—the 2012 Atlantic hurricane season began on June 1 and does not officially end until November 30.

ASSOCIATION FOR LIBRARY COLLECTIONS AND TECHNICAL SERVICES (ACTLS)

At previous meetings of the American Library Association (ALA), discussions by Preservation and Reformatting Section (PARS) members indicated great interest in the continued collection, analysis, and publication of preservation statistics. As background, The Association of Research Libraries (ARL) ceased collection of preservation statistics in 2008 from its research library members. At present, ARL has no immediate plans to continue the ARL Preservation Statistics program.

The PARS Executive Board, in conjunction with ALCTS, is interested in assuring that preservation statistics be collected and shared. We believe that most libraries, archives, museums, and other cultural heritage institutions still record preservation statistics for annual reporting purposes within their own institutions and consortiums. The loss of this shared data leaves the preservation community without a way to assess and analyze its collective current practices, staff and budget resources, and strategic direction. It is hoped that a recently conducted survey among those in the preservation community will help define these needs.

—Holly Robertson. Member-at-Large, Preservation and Reformatting Section (PARS) /Association for Library Collections and Technical Services (ALCTS) American Library Association (ALA)

INTERNATIONAL NETWORK FOR THE CONSERVATION OF CONTEMPORARY ART – NORTH AMERICA (INCCA-NA)

Having hosted two successful and lively Artist Interview Methodology Workshops in February and April this year, INCCA-NA also launched its new website: www.incca-na.org. Designed to be easily navigable and informative, the site offers a clear and direct portal to INCCA-NA's diverse programs: Artist Interview Methodology Workshops, Artist Research Project and Voice of the Artist Panel Discussions. As well as an opportunity to be part of an ever-growing group of supporters and participants, visitors can gain access to the blog using an RSS reader, or by connecting with INCCA-NA on Facebook and also subscribe to the new monthly e-newsletter. By subscribing online, members will be kept up-to-date on the highlights of contemporary art conservation and forthcoming INCCA-NA events, talks and workshops.

Health & Safety

Not Your Mother's MSDS

On March 26, 2012 OSHA published the revised Hazard Communication Standard, 29CFR 1910.1200, commonly referred to as Hazcom 2012. This revision of the standard aligns the U.S. Hazard Communication system with the Globally Harmonized System for the Classification and Labeling of Chemicals (GHS). These changes affect every industry that uses chemicals in the workplace, providing new labeling formats on the Materials Safety Data Sheets. Training for all employees on this new format must be completed by December 2013, although the specifics of this training are currently unclear. The major changes are outlined below.

Major changes to the Hazard Communication Standard

- Hazard classification: Provides specific criteria for classification of health and physical hazards, as well as classification of mixtures.
- Labels: Chemical manufacturers and importers will be required to provide a label that includes a harmonized signal word, pictogram, and hazard statement for each hazard class and category (see Table 2.) Precautionary statements must also be provided.
- Safety Data Sheets: Will now have a specified 16-section format.
- Information and training: Employers are required to train workers by December 1, 2013 on the new label elements and safety data sheets format to facilitate recognition and understanding.

Why the change?

OSHA anticipates that the modifications to the Hazard Communication Standard (HCS) will result in increased safety and health for the affected employees and reduce the numbers of accidents, fatalities, injuries, and illnesses associated with exposures to hazardous chemicals. The GHS revisions to the HCS standard for labeling and safety data sheets will enable employees exposed to workplace chemicals to more quickly obtain and more easily understand information about the hazards associated with those chemicals. In addition, the revisions to HCS are expected to improve the use of appropriate exposure controls and work practices that can reduce the safety and health risks associated with exposure to hazardous chemicals. Following are examples of the new pictograms and hazards. Please note that the diamond-shaped pictogram borders will be red in an effort to increase recognition and comprehensibility.

Table 1: Schedule for change from MSDS to GHS

Effective Completion Date	Requirement(s)	Who
December 1, 2013	Train employees on the new label elements and safety data sheet (SDS) format.	Employers
June 1, 2015* December 1, 2015	Compliance with all modified provisions of this final rule, except: The Distributor shall not ship containers labeled by the chemical manufacturer or importer unless it is a GHS label	Chemical manufacturers, importers, distributors and employers
June 1, 2016	Update alternative workplace labeling and hazard communication program as necessary, and provide additional employee training for newly identified physical or health hazards.	Employers
Transition Period to the effective completion dates noted above	May comply with either 29 CFR 1910.1200 (the final standard), or the current standard, or both	Chemical manufacturers, importers, distributors, and employers

*This date coincides with the EU implementation date for classification of mixtures

Table 2: HCS Pictograms and Hazards

Health Hazard	Flame	Exclamation Mark
		
• Carcinogen • Mutagenicity • Reproductive Toxicity • Respiratory Sensitizer • Target Organ Toxicity • Aspiration Toxicity	• Flammables • Pyrophorics • Self-Heating • Emits Flammable Gas • Self-Reactives • Organic Peroxides	• Irritant (skin and eye) • Skin Sensitizer • Acute Toxicity (harmful) • Narcotic Effects • Respiratory Tract Irritant • Hazardous to Ozone Layer (Non Mandatory)
Gas Cylinder	**Corrosion**	**Exploding Bomb**
		
• Gases under Pressure	• Skin Corrosion/ burns • Eye Damage • Corrosive to Metals	• Explosives • Self-Reactives • Organic Peroxides
Flame over Circle	**Environment (Non Mandatory)**	**Skull and Crossbones**
		
• Oxidizers	• Aquatic Toxicity	• Acute Toxicity (fatal or toxic)

Sometimes Disposable is Okay

Rainbows. Sunsets. Toilet paper. Some things in life are not meant to last forever. Please remember that personal protective equipment (PPE) such as Tyvek suits, most gloves, and N-95 respirators are disposable. Reuse of these PPE leads to cross-contamination and reduces their efficacy. To avoid excess waste, plan tasks ahead and use disposable PPE only when necessary. If you do use disposable PPE, start with a fresh one each day (or each use), and when in doubt, THROW IT OUT!

OSHA anticipates that, in addition to safety and health benefits, the revised HCS will result in three types of productivity benefits:

- Chemical manufacturers, because they will need to produce fewer SDSs in future year
- Employers, in providing training to new employees as required by the existing OSHA HCS through the improved consistency of the labels and safety data sheets (SDS)
- Firms engaging in, or considering, international trade.

Finally, from a financial standpoint, OSHA estimates that the revised HCS will result in the prevention of 43 fatalities and 585 injuries and illnesses (318 non-lost-workday injuries and illnesses, 203 lost-workday injuries and illnesses, and 64 chronic illnesses) annually. The monetized value of this reduction in occupational risks is an estimated $250 million a year on an annual basis. The revised HCS are expected to result in savings of $475.2 million from productivity improvements for health and safety managers and logistics personnel, $32.2 million during periodic updating of SDSs and labels, and $285.3 million from simplified hazard communication training.

AIC's Health and Safety Committee will keep you abreast of the changes as more details about training become available. Until then, please be advised that your current MSDS will be officially out of date by June 2016 (see Table 1.) We suggest replacing your current sheets with the new format whenever new chemicals are received. For more information and frequently asked questions regarding this change, please visit http://www.osha.gov/dsg/hazcom/index.html.

—Reprinted in part from http://www.osha.gov/dsg/hazcom/index.html.
Prepared by Dawn Bolstad-Johnson, Joanne Klaar Walker and the AIC Health and Safety Committee

New Publications

The Artist's Process: Technology and Interpretation, edited by Sigrid Eyb Green, Joyce Townsend, et al. London: Archetype, 2012. This volume publishes the proceedings of the fourth symposium of the Art Technological Source Research Working Group of ICOM-CC. It includes 23 papers, plus 13 shorter papers from poster presentations. (ISBN: 9781904982739)

Catalogue of Glass and Limoges Painted Enamels, by Suzanne Higgott. London: Trustees of the Wallace Collection, 2011. The Wallace Collection's holdings of glass and Limoges painted enamels are published here in full. Catalogue entries for a number of the enamels include the results of technical analysis. (ISBN: 9780900785856)

Colorful Realm: Japanese Bird-and-Flower Paintings by It Jakuch (1716-1800), by Yukio Lippit, Ota Aya, Oka Yasuhiro, and Mayakawa Yasuhiro. Washington, DC: National Gallery of Art, 2012. This exhibition catalogue presents the thirty-scroll set of bird-and-flower paintings titled Colorful Realm of Living Beings, by Ito Jakuchu. The catalogue essays draw upon new information concerning the artist's materials and techniques revealed by recent conservation of the scrolls. (ISBN: 9780226484600)

Conservation and Care of Museum Collections, by Richard Newman et al. Boston: MFA Publications, 2011. This book features 51 objects from the collections of the Museum of Fine Arts Boston. Their histories illustrate basic principles of art conservation and scientific investigation. (ISBN: 9780878467297)

Integrated Pest Management for Collections: Proceedings of 2011: a Pest Odyssey, 10 years Later, by Peter Winsor et al. Swindon: English Heritage, 2011. This collection of papers highlights lessons learned by collections managers over the decade following the first Pest Odyssey conference in 2001. (ISBN: 9781848021143)

Letters to Miranda and Canova on the Abduction of Antiquities from Rome and Athens, by Quatremère de Quincy; introduction by Dominique Poulot; translation by Chris Miller and David Gilks. Los Angeles: Getty Research Institute, 2012. A volume in the series *Texts & Documents*, this book publishes the first English translations of two sets of letters by Quatremère de Quincy on the role of museums vis à vis the protection of European archaeological and artistic heritage. (ISBN: 9781606060995)

Medieval Colours: between Beauty and Meaning, edited by Maria Adelaide Miranda, Maria João Melo, and Mark Clarke. The proceedings of this interdisciplinary symposium on the study of color in medieval manuscripts have been published as the first online number (2011) of the *Revista de História da Arte—FCSH* at http://revistadehistoriadaarte.wordpress.com/

Scientific Research on Ancient Asian Metallurgy, Paul Jett, Blythe McCarthy, and Janet G. Douglas, eds. London: Archetype, 2012. The proceedings of the fifth Forbes Symposium at the Freer Gallery of Art commemorate the work of R. J. Gettens, who was the first to use scientific methods to study works of art at the Freer. This volume also presents recent studies on ancient Chinese and Southeast Asian bronzes, and on West Asian coppers alloys. (ISBN: 9781904982722)

People

Francesca Bewer, Research Curator at the Straus Center for Conservation and Technical Studies, Harvard Art Museums, received the 2012 College Art Association/Heritage Preservation Award for Distinction in Scholarship and Conservation. This award is presented annually to recognize an outstanding contribution by a person who has enhanced understanding of art through the application of knowledge and experience in conservation, art history, and art. As a technical art historian, Bewer's research and teaching have specialized in the materials and techniques of European Renaissance and Baroque bronze sculpture. She authored *A Laboratory for Art: Harvard's Fogg Museum and the Emergence of Conservation in America, 1900-1950*, published in 2010.