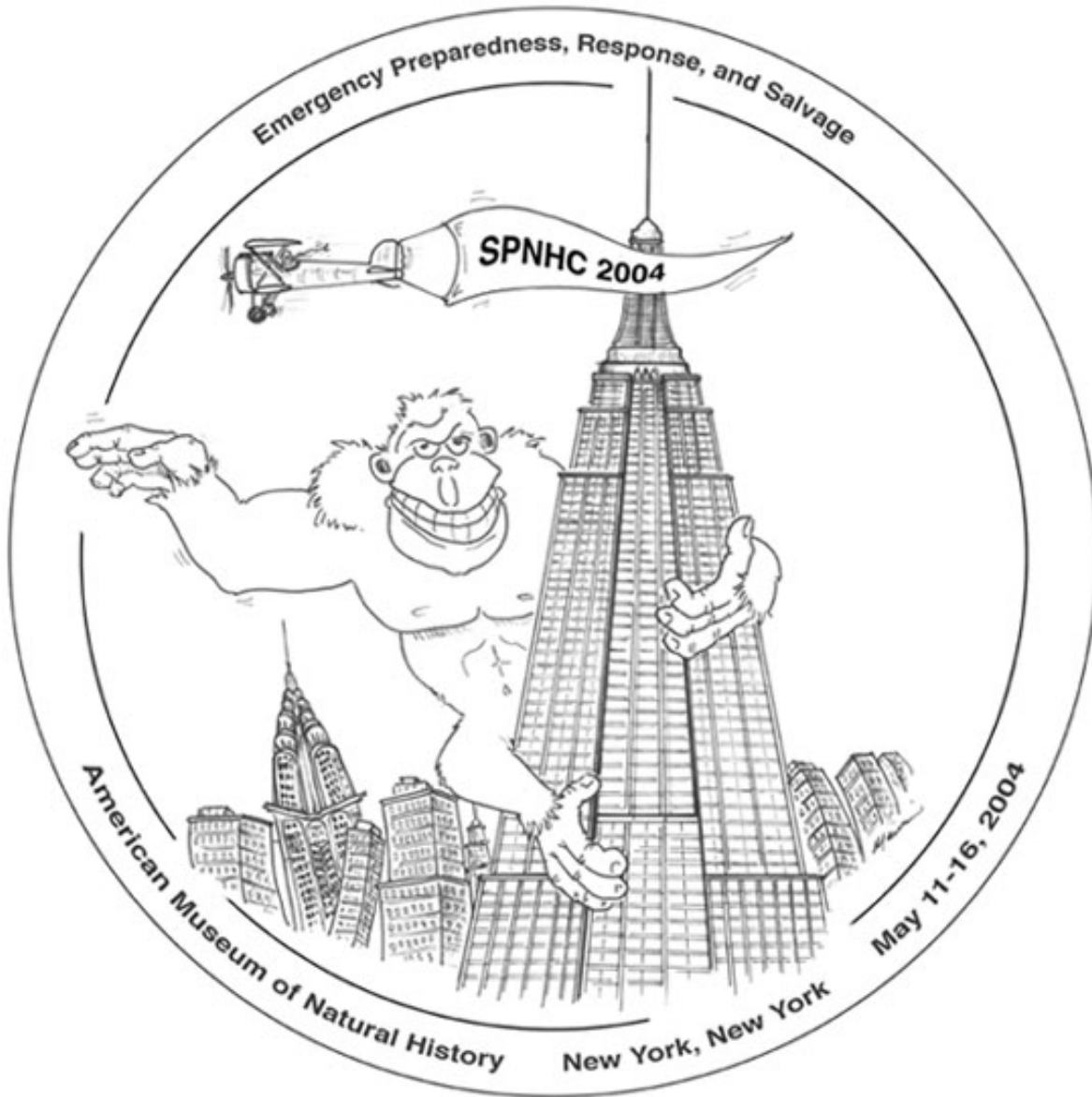


PROGRAM

SPNHC 2004



Program-at-a-Glance

Museum SOS: Strategies for Emergency Response and Salvage

Tuesday, May 11:

- Registration: 8 am – 5 pm
- SPNHC Committee Meetings: 8 am – 4:30 pm
- Outgoing Council Meetings: 6 pm – 9 pm
- Tour of New York Botanical Garden Herbarium & Library – 2 pm

Wednesday, May 12:

- Registration: 8 am – 5 pm
- Tours of AMNH collections: 9 am – 5 pm
- Joint SPNHC/International Society for Biological and Environmental Repositories (ISBER) Biomaterials session, Kaufman Theatres: 8:15 am – 11:50 am
- SPNHC/ISBER Icebreaker – AMNH Northwest Coast Indian Hall: 6 pm – 9 pm

Thursday, May 13:

- Registration: 8 am – 5 pm
- ISBER Session Repository data base design, Kaufman Theatre, 8:30 am – 10:15 am
- SPNHC Field Trip: Yale Peabody Museum of Natural History, 7:30 am – 10:00 pm
 - Tour of Class of 1954 Environmental Science Center
 - Presentations by ESC Space Planners, Architects & Engineers
 - Evening function

Friday, May 14:

- Registration: 8 am – 5 pm
- Special Session: *Museum SOS: Strategies for Emergency Response and Salvage*, Kaufman Theatre: 9 am – 5 pm
- Poster Session - Northwest Coast Indian Hall: 9 am – 5 pm
- Exhibitor Trade Show – Northwest Coast Indian Hall: 9 am – 5 pm
- Evening Banquet - Harbor cruise

Saturday, May 15:

- Registration: 8 am – 5 pm
- General Technical Sessions, concurrent sessions – Linder & Kaufman Theatres: 8 am – 5 pm
- Poster Session - Northwest Coast Indian Hall: 8 am – 12
- Exhibitor Trade Show – Northwest Coast Indian Hall: 8 am – 5 pm
- Special Interest Groups Lunch: 12:30 – 2:00 pm
- Annual General Meeting – Kaufman Theater: 5:30 – 7 pm
- Incoming Council Meeting: 7 pm – 10 pm

Sunday, May 16:

- Workshop: *Emergency Response and Salvage Techniques* – Library Reading Room: 8 am – 5 pm

PROGRAM

Tuesday, May 11

SPNHC Committee Meetings

8:00 am – 9:00 pm

8:00 -9:00	Archives Committee
8:00 -9:00	Finance Committee
8:00 -9:00	Resources
9:10-10:50	Conservation Committee
11:00-12:00	Membership Committee
11:00-12:00	Documentation Committee
12:00-1:00	Lunch
1:00-1:55	Conference Committee
1:00-1:55	Elections Committee
2:00 *	Tour of the New York Botanical Garden (NYBG) Herbarium & Library
2:05-3:20	Education Committee
2:05-3:20	Publications Committee
3:30-4:30	By-Laws Committee
3:30-4:30	Recognition and Grants
6:00-9:00	Outgoing Council Meeting

*Those attending any of these meetings will meet at the **77th street entrance, in front of the ‘canoe’** to be escorted to their meeting room. We will not list meeting places in the program since access to these areas is limited and we feel this would confuse things.

* New York Botanical Garden Tour

Meet at the main garden gate and please check in (1:45-1:55 pm) with Linda Hollenberg at the gate. (Linda can be reached at hollenberg.linda@nsmnh.si.edu or 202-357-2537 until Monday morning 5/10.) The NYBG is in the Bronx. You can take the Metro-North Harlem Local train to the Garden from Grand Central Station at 1:23 pm, arrive at 1:45 pm, and depart on the 3:34 pm train. If you want to walk around outside (garden is open from 10 am to 6 pm), you can leave later at 3:59, 4:32, 4:57pm, 5:29, 6:04 pm, etc. See http://as0.mta.info/mnr/schedules/sched_form.cfm for train schedules. The Botanical Garden Train Station is across a parking lot and road from the NYBG’s entrance. See <http://www.nybg.org/bsci/herb/getto.html> for additional information on getting to the Garden. See the main NYBG website <http://www.nybg.org> for general information, if you plan to walk around the garden.

Wednesday, May 12th

ISBER Session I: Design of Tissue Collection Facilities

Sponsored by the International Society for Biological and Environmental Repositories (ISBER)

Kaufman Theatre

8:15 am – 11:50 am

8:15 am – Opening and Welcome

Robert Hanner, ISBER President

Rob Huxley, SPNHC President

Rob DeSalle, AMNH Curator

8:30 am – 10:30 am: Moderator – Bill Grizzle

Russell Bierbaum

Design and organization of a small repository design from the perspective of a reproductive cryobank

Phil Baird, Richard Frome

Large scale repository design

Bryan Wakeford

Building a new wildlife tissue repository for the National Wildlife Research Centre of Environment Canada

Rebecca Pugh

The National Biomonitoring Specimen Bank

10:30 – 10:50 am: Coffee break, visit exhibits and posters

10:50 – 11:50 am

Keynote address: Jim Vaught

Managing Large Biorepositories: Are there smarter ways to collect and store specimens?

12:30 pm – 2:00 pm: Lunch – roundtables with speakers and vendors

ISBER Session II: Contributed Papers

Kaufman Theatre

2:00 pm – 3:30 pm

2:00 pm - 2:15 pm

John M. Baust, MJ Vogel, RG Van Buskirk, JG Baust

Involvement of mitochondrial-associated pathway of apoptosis in cryopreservation of human fibroblasts

2:15 pm – 2:30 pm

Christina Walters

Predicting temperature dependency of deterioration in storage

2:30 pm – 2:45 pm

Colin McKerlie, SL Adamson, D Davidson, RM Henkelman, J Rossant

Real-time integration of digital pathology repositories with medical imaging, gene expression, and lab data for mouse models of human disease

2:45 pm – 3:00 pm

Kristi K. Snyder, JM Baust, RG Van Buskirk, JG Baust

Hypothermic storage of mammalian cardiomyocytes: Assessment of multiple markers of viability

3:00 pm – 3:15 pm

Todd M Preuss

Collection and preservation of great ape brain tissue

3:15 pm – 3:30 pm

Mike Hogan, B Iverson, R Eggers, S Josula, D Kopperud, P Thompson

Solid-state protein archiving: GenVault technology

3:30 pm – 4:00 pm

Coffee break

ISBER session III: concurrent workshops

Kaufman Theatre

4:00 pm

Dan Byrne

Workshop A: Cost analysis of cryopreservation systems, backups systems

Kathi Shea:

Workshop B: System Limitations

Robbin Weynant

Workshop C: Safety

Ted Mifflin

Workshop D: Repository Automation

Thursday, May 13th

SPNHC Field Trip: Yale Peabody Museum of Natural History

Depart AMNH at 7:30 am

Return to AMNH At 10:30 pm

A visit to Yale's new Class of 1954 Environmental Science Center, home to about 60 percent of Peabody's collections and 16 faculty members from Peabody's allied departments (Anthropology, Geology & Geophysics, Ecology & Evolutionary Biology and the Yale Forestry School), three research centers from the Institute for Biospheric Studies.

The trip will include presentations from the Jeff Weatherson.....

ISBER Session IV: Repository data base design

Kaufman Theatre

8:30 am – 10:15 am

Gordon Jarrell

Sharing Data versus Sharing Databases: the Merits of Centralized Systems

Cheryl Michels, Kevin Meagher

Relational Database management system (RDBMS) design requirements for repositories

Tom Moritz

Digital archives and meta data standards

Matt Dean

Voice entry databasing

10:15 – 10:30

Coffee break, visit posters

ISBER Session V: Information Networking

10:30 am – 12:00 pm

Meredith Lane

Building a biodiversity Information Infrastructure

Mike Frame

The National Biological Information Infrastructure (NBII) – Technologies & Standards for Biodiversity Data

Hideaki Sugawara

Evolution of WFCC-MIRCEN World Data Centre for Microorganisms (WDCM)

ISBER Session VI: Contributed Papers

1:30 am – 3:00 pm

1:30 pm – 1:45 pm

Julie M Gastier-Foster, M France-Dyckes, R Neville, Y Moyer, E Fagan, M Hartitz, C Wilhelm, M Stuart, SJ Qualman

Challenges in developing a pediatric leukemia reference lab management and banking system

1:45 pm – 2:00 pm

Lisa M Kuchrski, D Drzayich Jankus, J Foulds, CC Whalen, WH Boom

Data management of a multi-site international specimen repository

2:00 pm – 2:15 pm

Nina Holland, A Ho, E Weltzien, P Duramad, A Kemper, K Birch, S Jaramillo, J Chen, B Lubin, B Eskenazi

Strategies to address the challenges of multiple locations and databases in a large epidemiologic study

2:15 pm – 2:30 pm

Debra L Garcia, L Ayers, S Silver, J Orenstein, S Lamers, MS McGrath

AIDS and cancer specimen resource: A resource for HIV reservoir research

2:30 pm – 2:45 pm

Julien S Murphy, K Rasmussen

Ethical issues in biobanking for hospitals' IRBs: Informed consent and genetic privacy

2:45 pm – 3:00 pm

John Shon, J Davis, M Eggers

Ethical and Regulatory Annotation of Tissue Specimens in XML: Specimen Ethical and Regulatory Markup Language (SERML)

3:00 pm

Coffee break, visit posters, authors in attendance

ISBER Session VII: Concurrent Workshops

4:00 pm -

A: Dan Byrne: *Cost analysis of cryopreservation systems, backups systems*

B. Kathi Shea: *System Limitations*

C: Robbin Weynant: *Safety*

D: Ted Mifflin: *Repository Automation*

FRIDAY, MAY 14TH

**SPNHC SESSION I: MUSEUM SOS: STRATEGIES FOR EMERGENCY RESPONSE
AND SALVAGE**

KAUFMAN THEATRE

9:00 AM TO 12:10 PM

Moderator: Chris Norris

9:00 am – 9:15 am

Welcome Address

Dr. Michael Novacek

Provost and Senior Vice President of Science, American Museum of Natural History

9:15 am – 10:00 am

Keynote Speaker: Lawrence Reger, Heritage Preservation, National Institute for Conservation

Alliances for Response = Effective Emergency Response

10:00 am – 10:20 am

Barbara O. Roberts, The Frick Collection

When we put out the SOS – Not Them! - International Planning, Alliances and Response Strategies

10:20 am – 10:40 am

Richard Gould, Department of Anthropology, Brown University

Bringing Order out of Chaos: the Curators Role

10:40 am – 11:00 am

COFFEE BREAK

Moderator: Lisa Kronthal

11:00 am – 11:20 am

Nevra Erturk, Yildiz Technical University; Bilgen Sungay, Bogazici University, Kandilli Observatory and Earthquake Research Institute, Disaster Preparedness Education Program (AHEP), Istanbul, Turkey

Non-Structural Mitigation against Earthquake: a Case Study of Istanbul Museums

11:20 am – 11:40 pm

Dale Gregory, American Folk Art Museum & the Museum Library and Cultural Properties Facility
Group of Greater New York City

Collaborative Emergency Planning: Building Partnerships Outside-In

11:40 am - 12:00 pm

Michal Stehlik, National Museum of Prague, Czech Republic

Catastrophic floods in the Czech Republic in 2002: Rescue activities and Experiences

12:00 pm – 1:30 pm

LUNCH

SPNHC SESSION I: MUSEUM SOS CONTINUED...

1:40 PM – 4:50 PM

Moderator: Tim White

1:30 pm- 1:50 pm

Catherine Sease, Yale Peabody Museum

Emergency Preparedness and Salvage in the Event of Armed Conflict

1:50 pm – 2:10 pm

Wilbur Faulk, Cultural Property Protection Division, Contemporary Services Corp.,

Collections Theft: A Guide to Preventive Measures and Developing a Theft Response Plan

2:10 pm – 2:30 pm

Brett Eaton, Pentagon Renovation Program

Recovery & Renovation of the Pentagon following 9/11: the Phoenix Project

2:30 pm – 2:50 pm

Jennifer Castro, Museums Branch, Marine Corps History and Museums Division

Lessons Learned from the Pentagon: Post September 11

2:50 pm – 3:10 pm

BREAK

Moderator: Robert Hanner

3:10 pm – 3:30 pm

Paul Schuchert, Lisa Kronthal, Kala Harinarayan, Michael Benedetto; American Museum of Natural History

Disaster Recovery at the American Museum of Natural History: an Interdisciplinary Approach Realized

3:30 pm – 3:50 pm

David Tremain, Canadian Conservation Institute

Developing an Emergency Response Plan for Natural History Collections

3:50 pm – 4:10 pm

Andy Wilson, Smithsonian Institution

Assessing Fire Risks and Steps toward Mitigation

4:10 pm – 4:30 pm

Fiona Graham, Canadian Museum of Nature

Lessons Learned from a Fire in a Natural History Museum

SPNHC Banquet: Harbor Cruise aboard World Yacht

6:00 pm to 10:00 pm

Enjoy a 3-hour Harbor cruise on New York's world-famous harbor in World Yacht's MV Empress, enjoying views of the Manhattan skyline and the Statue of Liberty, while eating

gourmet cuisine prepared fresh by an onboard team of chefs. After-dinner entertainment will be provided by a D.J. - the Empress has a hardwood dance floor and a state-of-the-art sound system. Described by Zagat as affording "the best views of New York at night.... a spectacular way to see New York or celebrate an occasion."

The ship sails promptly at 6:30 pm. Don't be late!

SATURDAY, MAY 15TH

SPNHC SESSION II: Contributed Papers

8:50 am – 12:30 pm; Linder Theater

Moderator: Iris Hardy

8:50 am – 9:00 am

Morning Announcements

9:00 am – 9:20 am

Tom Clareson and **Jane S. Long**

Creating Alliances With Emergency Responders

9:20 am – 9:40 am

Tiffany S. Adrain

Disaster Response Training Is Fun!

9:40 am – 10:00 am

Mary Clare Swete Kelly and Sarah Phear

*After The Fire: Salvaging The Stores Of The Department Of Archaeology & Natural History
Australian National University, Canberra*

10:00 am – 10:20 am

Angélique Corthals

*Preserving The Ark: The Ambrose Monell Cryo Collection (AM-CC) At The American Museum
Of Natural History (AMNH)*

10:20 am – 10:30 am

Discussion & Questions

10:30 am – 11:00 am

COFFEE BREAK

Moderator: Robert Waller

11:00 am – 11:20 am

Tania Collas and Vicki Gambill

Earthquake Strapping For Collections

11:20 am – 11:40 pm

Suzanne Twelker

Risk Perception: Are You “Flying Low”?

11:40 am - 12:00 pm

Christine Del Re

Moldy Mammals in Milwaukee

12:00 pm - 12:20 pm

Linda Nieuwenhuizen

Post-Fire Recovery of the Lundy Trophy collection

12:20 pm - 12:30 pm

Discussion & Questions

SPNHC SESSION III: Contributed Papers

8:50 am – 12:30 pm: Kaufman Theatre

Moderator: Rob Huxley

8:50 am – 9:00 am

Morning Announcements

9:00 am – 9:20 am

Judith Levinson and Steven Quinn

A Report On The Conservation Condition Survey Of The Akeley Hall Of African Mammals

9:20 am – 9:40 am

Amy Davidson

Preparation Of A Fossil Dinosaur: Learning From Conservation

9:40 am – 10:00 am

Amandine Pequignot

The History Of Taxidermy, "Clues For The Conservation"

10:00 am – 10:20 am

Sasha Stollman, Sebastian Denize, Melinda Bell, Bettina Lutzke and Dennis Kelles-Krause
Conservation Of A Historic Blue Whale Skeleton

10:20 am – 10:30 am

Discussion & Questions

10:30 am – 11:00 am

COFFEE BREAK

Moderator: Rachael Perkins Arenstein

11:00 am – 11:20 am

Christina Bisulca, Lisa Kronthal, Lorenzo Prendini and **Randy Mercurio**

Upgrading The Arachnid And Myriapod Collection At The American Museum Of Natural History

11:20 am – 11:40 pm

Tom J. Giermakowski and Howard J. Snell

Increasing The Value Of Regional Collections Through Collaborative Efforts: An Online Resource Center For Herpetology In New Mexico

11:40 am - 12:00 pm

Ann Molineux, John Maisano, Paul Habib, Christian George and Rachel Wells

Rock around Austin at the Discovery Drawers: Connecting Collections to the Public

12:00 pm - 12:20 pm

Julia D. Sigwart, N.T. Monaghan, Gareth J. Dyke and Geraldine M. O'Neil

Collections-Based Biology In Dublin

12:20 pm - 12:30 pm

Discussion & Questions

12:30 pm – 2:00 pm

LUNCH

SPNHC SESSION IV: Poster Session

8:50 am – 12:30 pm: Northwest Coast Indian Hall
(Authors present: 10:30 to 11:00 am)

Moderator: Anne Leculier

Birker, Ingrid U.

Evidence of learning from exhibits at a university natural history museum.

Chagnon, Chris; Sabo, Leslie; Button, Kerry; and Dietrich, Elizabeth

Disaster Recovery and Asbestos Abatement of Oversize Museum Collections

Corthals, A.

Saving the Ark: The Ambrose Monell Cryo Collection (AM-CC) at the American Museum of Natural History (AMNH)

Delovio, Rachel Kaleilehua

Sharing Collection Resources: Dr. Roy Miner Collection

Hardy, Iris

A strategy to bring the Geological Survey of Canada's (GSC) geoscience data and collections online

Macklin, James A., **Eisenman, Sasha W.** and McDade, Lucinda A.

Lesson in Integrated Pest Management (IPM): The Herbarium of the Academy of Natural Sciences, Philadelphia.

ODwyer, Dervilla; Ratcliffe, Paul; Comerford, Gillian; Bolton, Felicity

The Collection Survey: Linking observation to cause across disparate collections

Skulan, Joseph; Masbruch, Melissa

Metals and bones: a geochemical answer to a paleontological problem

Thompson, Kristine.M.; Agenbroad, L.D.

From Salvage Operation To In Situ Preservation: Current Techniques Used In Conservation At The Mammoth Site Of Hot Springs, South Dakota

Woodward, Susan M.

Tracking Alcohol Volumes

Special Interest Groups

12:30 to 2:00 pm

Those attending any of Special Interest Group sessions will meet at the **77th street entrance, in front of the ‘canoe’** to be escorted to their meeting room by your moderator. We have not list meeting places in the program since access to these areas is limited and we feel this would confuse things. If you have purchased a box lunch, one will be provided at the room of your SIG.

Below is a list of the Special Interest Group sessions and the moderator.

Collection-Storage, Space Planning and Moves - Paul Beelitz

Databases - Richard Monk

Environmental Monitoring and Control - Jackson Tanner

Grants & Funding - Barbara Hamann

Integrated Pest Mangement - Suzanne Lewis

Permits & Legal Issues - Linda Ford

Tissue Collections - Angelique Corthals

SPNHC SESSION V: Contributed Papers

2:00 pm – 5:00 pm: Linder Theatre

Moderator: Kelly Sendall

2:00 pm- 2:20 pm

Clare Flemming

White Gloves & Bone Folders: Paper Handling In Natural History Collections For Non-Archivists

2:20 pm – 2:40 pm

Barbara Mathé

Emerging Standards: Planning For Integrated Access To Archival Collections In Natural History Collections

2:40 pm – 3:00 pm

James A. Macklin and Paul J. Morris

Protection Of Collection-Based Data Resources: Proactive Vs. Reactive Thinking

3:00 pm – 3:20 pm

Neil Thomson and **Carol Butler**

Collection-Level Descriptions - Preview Of A New Joint Project

3:20 pm - 3:30 pm

Discussion & Questions

3:30 pm – 4:00 pm

BREAK

Moderator: Laura Abraczinskas

4:00 pm – 4:20 pm

Lisa Kronthal, **Garnet Muething** and Robert Waller

Bridge Building 101: Partnerships For Collection Risk Management

4:20 pm – 4:40 pm

Teresa Moreno

A Consortium Of University Museums And Collections Facilities: Its Role In Emergency Preparedness And Response

4:40 pm – 5:00 pm

Bryan L. Stemen, **Walter L. Crimm** and Cheryl F. Bright

Minimizing Risk - The Bridge Between Collections And Staff Safety And The Design For New Wet Collections Facilities For The National Museum Of Natural History

SPNHC SESSION VI: Contributed Papers

2:00 pm – 5:00 pm: Kaufman Theatre

Moderator: Andy Bentley

2:00 pm- 2:20 pm

Fernando D. Marte, David W. von Endt, Mary W. Ballard and Walter Hopwood

The Effects Of Acetone On Keratin

2:20 pm – 2:40 pm

Daniël G.M.Molin and **Andries J. van Dam**

DMDM-Hydantoin Revisited: Experiments Concerning Preservation Methods Allowing Multipurpose Analysis Of Long Stored Samples

2:40 pm – 3:00 pm

Lorraine Cornish

Surface Cleaning Natural History Objects With Lasers (How To Build More Than One Bridge At A Time)

3:00 pm – 3:20 pm

C. Solazzo, D. Erhardt, F. Marte, D. von Endt, and C. Tumosa

Effects Of Chemical And Biological Warfare Remediation Agents On The Materials Of Museum Objects

3:20 pm - 3:30 pm

Discussion & Questions

3:30 pm – 4:00 pm

BREAK

Moderator: Linda Ford

4:00 pm – 4:20 pm

James M. Bryant, Giang Ngo, Reginald R. Coler and Agenor Mafra-Neto

New Tools To Manage Urban Pests In A Museum Environment

4:20 pm – 4:40 pm

Paul R. Callomon

Rehousing The Dry Molluscan Collections At The Academy Of Natural Sciences Of Philadelphia

4:40 pm – 5:00 pm

Chris Collins

Rawanda – A Memorial To The Genocide

5:30 – 7:00 pm:

Annual General Meeting

7:00-10:00 p.m.:

Incoming Council Meeting

Sunday, May 16th

Workshop: Emergency Response & Salvage Techniques

Instructors: Barbara Moore & MJ Davis

The workshop will focus on emergency response and recovery for institutions responsible for natural history, ethnographic and archaeological collections of artifacts and archives. Utilizing effective response procedures allows an institution to make an immediate, organized, and effective response to an emergency, safeguarding people and minimizing damage to collections and records and interruption of operations and services. Knowledge of salvage techniques allows an institution to recover collections that might otherwise be lost.

The one-day workshop will lead the participants through the processes of response and recovery from an emergency at their institution. In this framework, the terminology that is used will be clarified and defined, and sections on damage assessment and stabilizing the environment will be included; prioritization issues will be discussed; and supplies, resources and services needed will be presented. Issues concerning health and safety and the emotional response to disasters will be covered, as will salvage methods available for different classes of materials, and which methods are appropriate to different situations. Images, demonstrations and exercises will be used to illustrate these topics.

Building on topics presented at Friday's technical session on emergency preparedness, the workshop will help participants understand clearly the need for an institutional disaster response plan, educate them in the necessary components of that plan, and effectively motivate them to develop such a plan.

Participants at the workshop will receive a binder with resource materials and handouts related to the topics covered during the workshop

The Instructors

Barbara Moore and M.J. Davis work as conservation consultants to museums and other collections-holding agencies. They participated in the "Train the Trainers" program sponsored by the Foundation of the American Institute for Conservation, in cooperation with the Heritage Emergency Task Force on Emergency Response and the National Endowment for the Humanities, and have both since participated in additional emergency response and recovery training.

Moore and Davis have both had extensive experience teaching various aspects of collections care, including emergency preparedness and response, and work with museums and government agencies to carry out risk assessment studies and develop emergency response plans for these institutions.

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