

# PRESERVATION IN STORAGE & DISPLAY

#### **Workshop Part A**

Utah Field Services
Utah Division of Arts and Museums
April 6, 2023: John Wesley Powell Museum

10 am - 5 pm







#### **PROGRAM OVERVIEW: Year at a Glance**

1. ACCESS
AND ARTIFACT
HANDLING

JANUARY
FEBRUARY
MARCH

Workshop
(pt A & B)
1. Webinar
2. Webinar
3. Webinar

3. ENVIRONMENT AND BUILDING SYSTEMS

JULY
AUGUST
SEPTEMBER
(pt A & B)
1. Webinar
2. Webinar
3. Webinar

<del>2. PRESERVATION</del> <del>IN STORAGE AND</del> <del>DISPLAY</del>

APRIL MAY JUNE Workshop (pt A & B) 1. Webinar 2. Webinar 4. RISK
MANAGEMENT,
EMERGENCY
PREPAREDNESS &
DISASTER RESPONSE

OCTOBER (pt A & B)

NOVEMBER 1. Webinar

2. Webinar

3. Webinar

Workshop



2

#### **GOALS**

Gain a better understanding of Key Themes...



#### **Key Themes**

- Increase understanding of how to incorporate preservation practice into exhibition design
- Understand strategies for preserving collections on display
- Increase understanding of how to choose suitable exhibition materials for preservation
- Learn to make simple mounts for a variety of objects on exhibition

#### **AGENDA**

#### Handout





#### Preservation in Storage and Display

#### Workshop Part A Agenda

John Wesley Powell River History Museum, Green River April 6, 2023

#### Learning Goals for Workshop pt A

- 1. Increase understanding of how to incorporate preservation practice into exhibition design
- 2. Understand strategies for preserving collections on display
- 3. Increase understanding of how to choose suitable exhibition materials for preservation
- 4. Learn to make simple mounts for a variety of objects on exhibition

#### Agenda

Agenda	
10:00-10:20	Introductions, housekeeping
10:20-10:30	Exhibitions: Big Picture, Access, Mission
10:30-10:55	Ethics and Exhibiting Culturally Sensitive Objects
10:55-11:10	Preservation Concerns for Objects on Display
11:10-11:20	BREAK
11:20-11:40	Exhibition Planning: Timelines and Understanding your Objects
	A. Exhibition Design and Preparations
11:40-12:00	Exhibition Standards and Maintenance
	A. Common Exhibition Display Methods and Materials
	B. Monitoring and Maintenance of Exhibitions
12:00-12:10	Case Study: Case Intervention and Mount Making at Uintah County Heritage Museum
12:10-1:10	LUNCH
1:10-2:25	Mount Making Activity
	1.25 Hours- Hands on, create multiple simple object mounts
	Slant Board (variation: Book Cradle)
	Cavity Mount (variation: Pillow Mount/Donut)
2:25-2:35	BREAK
2:35-3:50	Case Intervention Activity
	45 min- Visit and Review Gallery Space and Storage
	30 min- Alter and improve a fake exhibition case with objects
3:50-4:20	Discussion/reflection on activity
4:20-4:30	Wrap up: Assign homework; complete evaluation

#### **INTRODUCTIONS**

#### Please share the following:

- 1. Your name
- Where you work: institution, location, your role, and how long you have worked there
- 3. How is preservation factored into your current exhibition practices? Share one example



#### MISSION OF MUSEUMS: big picture

Museums are expected to:

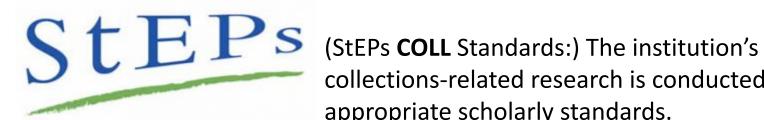
- 1. plan strategically and act ethically with respect to collections stewardship
- 2. legally, ethically, and responsibly acquire, manage and dispose of collection items as well as know what collections are in their custody, where they came from, why they have them, and their current condition and location
- 3. provide regular and reasonable access to, and use of, the collections in their custody

#### "SIMPLY PUT"...

- 1. Know what stuff you have
- 2. Know what stuff you need
- 3. Know where it is
- 4. Take good care of it
- 5. Make sure someone gets some good out of it
- 6. Especially people you care about
- 7. And your neighbors



## **EXHIBITIONS: Interpretation and Significance**



(StEPs **INT** Standards:) The institution's interpretive content is based on appropriate research which is conducted according to scholarly standards.

collections-related research is conducted according to appropriate scholarly standards.



(StEPs **MGMT** Standards:) The institution engages in ongoing and reflective institutional planning that includes involvement of its audiences and community, and other stakeholders.

#### **EXHIBITIONS: Interpretation and Significance**

Assessing significance determines decisions regarding interpretation, conservation, and can provide well-reasoned arguments for declining a donation or deaccessioning an object.

- Allows better understanding and communication of an object's meaning
- Enhances access to and use of collections
- Ensures provenance and associations are fully recorded
- Provides a reference point for making conservation and collection management decisions



## **EXHIBITIONS: What Do They Do?**



... forge emotional and intellectual connections between the interests of the audience and the meanings inherent in [your collections].

... help visitors make broader emotional and intellectual connections with the objects, images, processes, structures, landscapes, and other features they encounter at that site.



Translation: Exhibits help people care about and understand the stories your museum collections can tell

#### **ETHICS OF MUSEUM EXHIBITIONS**

Firstly, exhibitions are ... about **objects**, and museum objects are imbued with different **values**... they may be aesthetic, symbolic, educational, scholarly, cultural, political, or economic. When objects are put on public display some of [those values] are opted for over others...

Secondly, exhibitions are very powerful representations and ... are responsible for **shaping the public's perception** in many, often unintended, ways.



Gazi, A., 2014. Exhibition Ethics - An Overview of Major Issues. Journal of Conservation and Museum Studies, 12(1), p.Art. 4. DOI: http://doi.org/10.5334/jcms.1021213

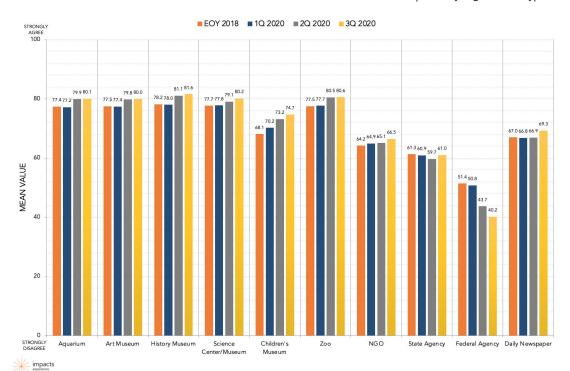
## **EXHIBITIONS:** Trust and Credibility

Museums consistently rank amongst the most trusted institutions in American society. As such, it is critical that information presented in exhibitions... is accurate and truthful.



... is a highly credible source of information.

Mean response by organization type



## **EXHIBITIONS: Unacceptable Practices**



- Using outdated, inappropriate, or inaccurate materials as sources, evidence, or examples.
- Giving false or fabricated information to visitors.



#### **EXHIBITIONS: Unacceptable Practices**





Telling a group's history and stories without consulting with or sharing authority with them around the development of interpretive materials, narratives, and presentations

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#### **EXHIBITIONS & COMMUNITY COLLABORATION**

True **collaboration** does not happen immediately—it is process driven and takes **time and commitment**... Do not confuse collaboration with a single invitation to view or comment on collections, or to rubber-stamp exhibition content. Collaboration is about **sharing both authority and decision-making** and includes cooperative planning, definition of outcomes and roles, task accountability, transparent budget discussions, and a clear structure for communication.



Indian Arts Research Center. 2019. Guidelines for Collaboration (website). Facilitated by Landis Smith, Cynthia Chavez Lamar, and Brian Vallo. Santa Fe, NM: School for Advanced Research. https://guidelinesforcollaboration.info/.

#### **EXHIBITIONS & COMMUNITY COLLABORATION**

Some key questions to consider when developing collaborative relationships with communities include:

- What need or problem exists to prompt a collaboration?
- Does your museum have the time and resources to support a collaboration?
- How will the collaboration be of benefit to both your museum and the community?



Indian Arts Research Center. 2019. Guidelines for Collaboration (website). Facilitated by Landis Smith, Cynthia Chavez Lamar, and Brian Vallo. Santa Fe, NM: School for Advanced Research. https://guidelinesforcollaboration.info/.

#### **EXHIBITIONS & TRIBAL CONSULTATION**

"There has been—and continues to be—tension between Native peoples and museums in the United States due to past collecting practices and exhibitions that strive to interpret their culture and history without their involvement... Exhibitions developed in collaboration with Native peoples, with shared curatorial authority, decidedly help ease the historic tension between the two, and they are much more vibrant and accurate than when collaboration is lacking."



Collaborating Beyond Collections: Engaging Tribes in Museum Exhibits. Sheila Goff, Betsy Chapoose, Elizabeth Cook, and Shannon Voirol

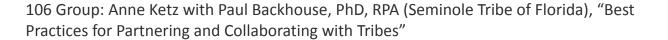
#### **EXHIBITIONS & TRIBAL CONSULTATION - Best Practices**

#### **Plan Well and Early**

- Understand sovereignty and nation-to-nation consultation
- Get to know the laws, treaties, and who is involved
- Be open to project adjustments

# **Broad Engagement and Open Lines of Communication**

- Language matters: choose your words carefully
- Listen and hear
- Be transparent in information sharing



#### **EXHIBITIONS & TRIBAL CONSULTATION - Best Practices**

#### **Commitment and Follow Through**

- Be invested in tribal engagement: it's not a checkbox exercise
- Care and try
- Be invested beyond the life of a single project



# **Cultural Awareness and Competence**

- Seek cross-cultural learning and understanding
- Understand how to treat the information that is being shared
- Understand and be sensitive to other world views about cultural and natural resources

# PRESERVATION CONCERNS FOR OBJECTS ON DISPLAY

#### **EXHIBITIONS & PRESERVATION**

- 1. Physical Forces
- 2. Fire
- 3. Pests
- 4. Water
- 5. Light

- 6. Incorrect Relative Humidity
- 7. Incorrect Temperature
- 8. Thieves and Vandals
- 9. Pollution
- 10. Dissociation/Custodial Neglect



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#### **OBJECTS ON EXHIBITION ARE 'WORKING'**



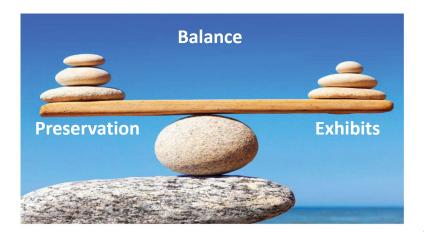


Brigham City Museum exhibition of costumes in 2019

#### **OBJECTS ON EXHIBITION ARE 'WORKING'**

- Museum objects, although mounted, secured, and not moving, are changing and responding to their environment whenever on exhibition.
- An object in a cool, dark, dry place, with a proper storage mount, will last the longest
- All stages of exhibition: from planning to preparing to display invites the impacts of deterioration
- Because we want to both maximize preservation and access through exhibition, we carefully plan and maintain objects on exhibition





#### **PHYSICAL FORCES**



Edinburgh public art: Greyfriars Bobby's nose is getting very shiny from all the rubbing.



This is the result of human interaction with a public art piece.

#### **LIGHT**







Image courtesy of the Winterthur Museum, Garden and Library

Decades of light exposure from exhibition caused the dramatic fading in the fabric above

#### **THIEVES AND VANDALS**





To prevent opportunity for theft, these small objects were tied with fishing line to their slant board.

#### **POLLUTION**





National Museum of American History



Cellulose nitrate coating on the sequins readily deteriorates at room temperature because of its chemically unstable nature. It off-gasses pollutants including nitric and acetic acid that accelerate deterioration further.

## **DISSOCIATION/CUSTODIAL NEGLECT**

- We can think of some change, and the information that is lost, as dissociation
- We can also think of some kinds of deterioration, or dramatic changes, as custodial neglect



The roses in this van Gogh painting were once pink, but the red lake paint used is highly light sensitive. Many years of light exposure from display led to this change. Only recent years of historical and scientific research has revealed the artist's real work.

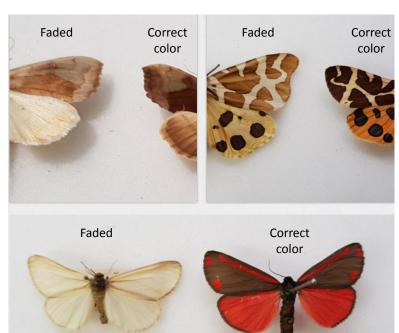


https://cen.acs. org/articles/94/ i5/Van-Goghs-F ading-Colors-In spire.html

#### PREVENTING LOSS OF INFORMATION WITH ROTATIONS

- Object Rotations are a way to prevent dramatic changes in condition over time. Rotation requires a second, comparable object to be put on exhibition to preserve the other
- They are usually determined and planned for during exhibition design
- Object Rotations are necessary for preservation of collections on long-term display (years)
- They are not always practical, but they are an important tool for long-term preservation





Specimens faded after many decades of display, presenting visitors with incorrect examples of species at the Booth Museum in England

https://brighto nmuseums.org. uk/discover/20 20/02/21/fade d-specimens-a nd-the-importa nce-of-object-r otation/

#### DO NOT UNDERESTIMATE THE IMPACT OF LIGHT





Light can dramatically alter most types of objects over time, especially unfiltered outdoor light (Ultraviolet light). This kind of damage is totally irreversible.





Kitagawa Utamaro, (1754–1806), two impressions of *A mother feeding her infant in front of a mirror*. Colour woodblock, c. 1797.

## BREAK (10 Minutes)



## EXHIBITION PLANNING: TIMELINES & OBJECT SELECTION

Sabrina Sanders

#### **EXHIBITION PLANNING: TIMELINES & OBJECT SELECTION**



Object with highlighted stability concerns- not fit for display.







This particular buckskin doll is too unstable for display, fortunately there are alternate buckskin dolls that can still share the same interpretive goal.

#### **EXHIBITION PLANNING: TIMELINES**

Specific, purpose built, display mounts that require no construction.







## **EXHIBITION PLANNING: TIMELINES**

Display mount for saddlebags



Slant board mount for Hawaiian Leiomano





## **EXHIBITION PLANNING: OBJECT SELECTION**

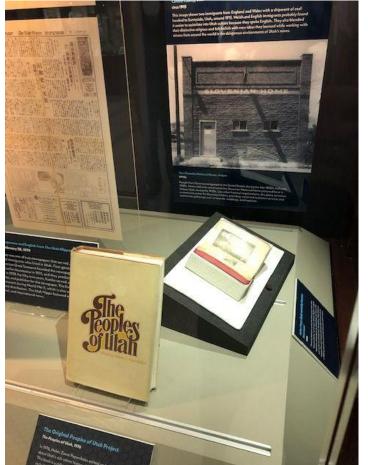
A high resolution copy of the original newspaper was created because of the length of display time, preservation concerns and better visibility.





Exhibit case by State History at the Utah Capitol

# **MOUNT MAKING**







Examples of custom-made, simple mounts for objects in the exhibition case

## **PLANNING A SPACE**

Understanding the limitations of your space, budget, and timeline can influence which objects can safely be exhibited





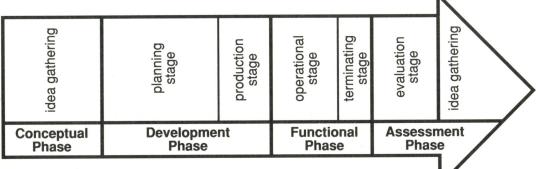


# **EXHIBITION STANDARDS & MAINTENANCE**

**Marie Desrochers** 

### **EXHIBITION STANDARDS AND MAINTENANCE**

- A. Common Exhibition Display Methods and Materials
- B. Monitoring and Maintenance of Exhibitions





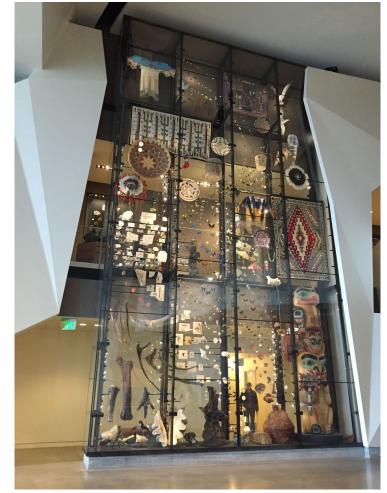
**From David K. Dean who** authored the textbook *Museum Exhibition: Theory and Practice* (1996)



https://taylorstudios.com/blog/how-to-create-a-muse/ m-exhibit-a-12-step-program



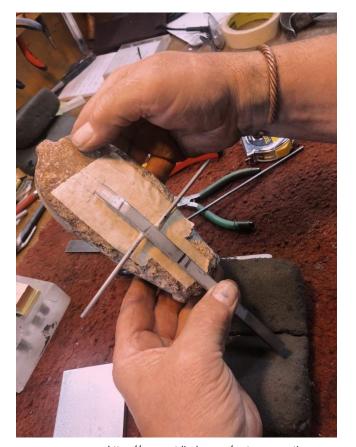
Object Mounts at the Natural History Museum of Utah



https://svpow.com/2015/07/08/natural-history-museum-of-utah-wall-of-ceratopsians/



https://archive.sltrib.com/article.php?id=17837676&itype=storyID



https://www.artdisplay.com/custom-mounting.aspx

These kinds of mounts are metal, and require skills and workspace for metal brazing and soldering. They are supportive of the object at key, stable points, and are custom built. The metal usually has a plastic cover where it comes into contact with the object.

https://ancientglass.wordpress.com/3b-museums-glass-collections-and-exhibitions/the-metropolitan-museum-of-art-glass-in-the-american-wing/

Examples of simple and effective mount techniques



 $\label{lem:https://www.mfa.org/collections/conservation/feature\_costume accessories\_hats and headware\_simple$ 

#### Your mount should:

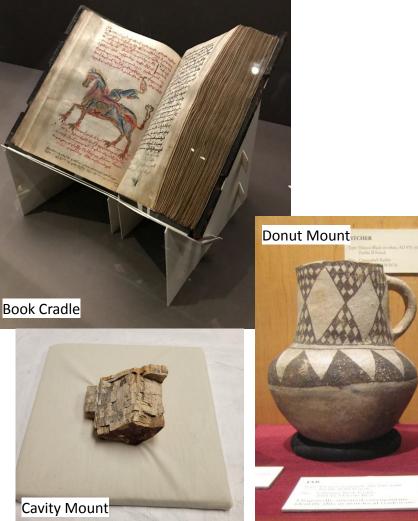
- Be supportive
- Be easy to install/deinstall
- Hold the object firmly in a well-balanced position
- Be made of inert materials
- Be unobtrusive
- Not require alterations to the object
- Not cause damage at the points of contact
- Not exert pressure on the object



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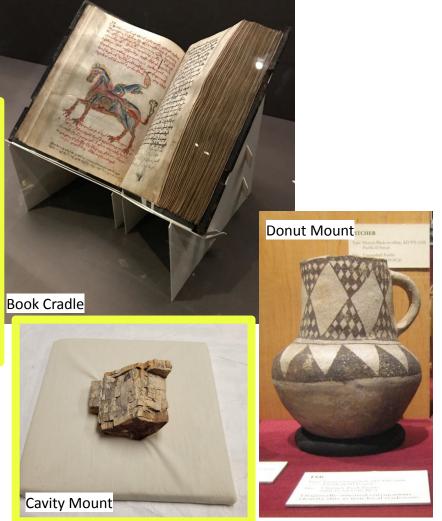


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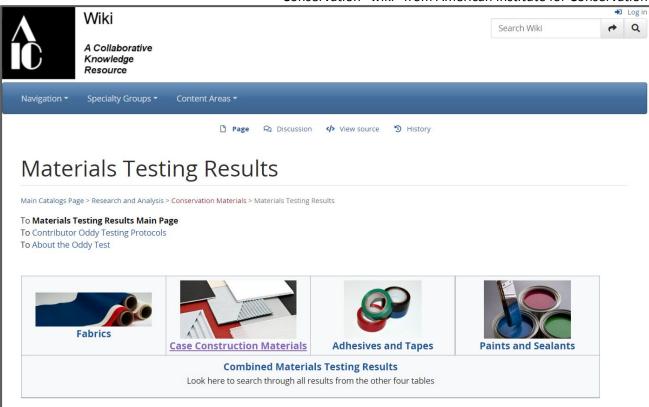
# COMMON EXHIBITION DISPLAY METHODS: CHOOSING MATERIALS

Conservation "wiki" from American Institute for Conservation

We know that the materials we build boxes, cases, and mounts from can negatively chemically interact with our objects.

Conservators and conservation scientists have done testing to determine which materials are acceptable.





#### Conservation "wiki" from American Institute for Conservation

#### Disclaimer [edit source]

Test results are provided for informational purposes only. Neither AIC nor participating institutions endorse particular products, businesses, or services. It is recommended that all materials be re-tested before use as proprietary formulas and manufacturing processes can change without notice. Test results are not peer-reviewed or vetted. Use this information at your own discretion and assess it in conjunction with the provided protocol.

#### How to Use [edit source]

Please use the following table as a reference. The table is sortable by any of the headings with stacked double arrows.

The quickest way to find a material is by hitting CTRL+F to access the search or find function of the browser page.

Questions and suggestions can be directed to the Materials Testing Results Coordinator.

#### Case Construction Materials [edit | edit | ource]

This table includes construction, packing, and storage materials.

Material Name	Manufacturer	Supplier	• Test • Results	Date tested yyyy/mm/dd •	Tester •	Test(s) Used ◆	Description/ Composition	Comments	Material Type	e Results Image or Description
Wonderflex	Dazian fabrics	Dazian fabrics	pass, but no direct contact with object	2011/03/15	NMAI	Oddy Test		coupons adhered to the sample, material adhered to the glass	plastic	Cu: no changes; Ag: no changes, the coupon is well adhered to the sample; Pb: darkening, comparable to control
Wonderflex	Dazian fabrics	Dazian fabrics	pass, but no direct contact with object	2011/03/15	NMAI	Oddy Test		coupons adhered to the sample, material adhered to the glass	plastic	Cu: darkening of the copper on contact side, the coupon is well adhered to the sample; Ag: no changes, the coupon is well adhered to the sample; Pb: darkening, comparable to control
Aquaplast	Sammons Preston	Patterson Medical	fail	2011/03/15	NMAI	Oddy Test		material melted and embedded metal coupons	plastic	Cu: green corrosion; Ag: no change; Pb: white bloom
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Fisherbrand* Solid Silicone Stoppers		Fisher Scientific	pass	2011/03/15	NMAI	Oddy Test		contact	silicon rubber	Cu: no change; Ag: no

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The **Oddy Test** is used as a subjective method for determining whether or not a material, such as wood, fabric, or paint, is appropriate for use in an enclosed space with artwork or other cultural heritage artifacts. In essence, it is a low-cost, non-specific accelerated aging test

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#### Case Construction Materials [edit | edit | ource]

This table includes construction, packing, and storage materials.

#### **More Variables:**

How long is the material being used?

How close is it to an object?

What kind of object?

How is the material being used?

Is it for storage or display?

What is the environment like?

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## **SIMPLIFIED APPROACH with Utah Field Services**

Rely on trusted, conservation-approved materials from archival suppliers



## **SIMPLIFIED APPROACH with Utah Field Services**



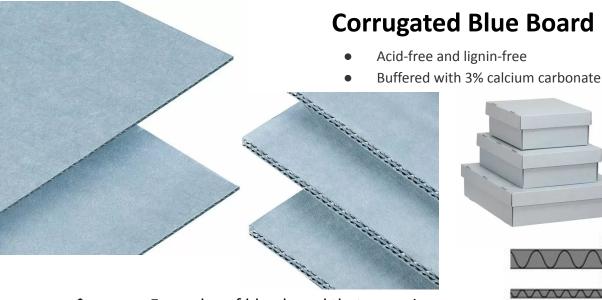
### **Ethafoam = Polyethylene**

- Specific plastic type, comes in many shapes and densities
- Excellent material for both display and storage mounts
- Doesn't last forever, and may lose its appealing properties over time





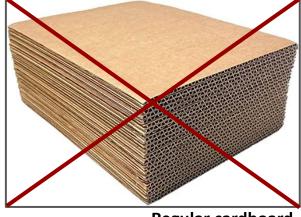
## **COMMON EXHIBITION DISPLAY METHODS: Materials**



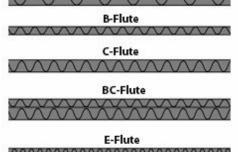
Examples of blue board that come in a variety of weights and corrugation types

> Different types of corrugation





Regular cardboard-A-Flute acidic, low quality wood pulp paper and adhesive



## **COMMON EXHIBITION DISPLAY METHODS: Materials**



#### "Hot Melt Adhesive"

#### A vendor's description:

"This gentle hot-melt adhesive comes highly recommended by conservators for use around art and artifacts. Bonds most polyolefins (Ethafoam, Volara and Plastazote). Its non-corrosive properties won't affect even copper. "



"Hot melt adhesives whose main component is an ethylene vinyl acetate copolymer are generally suitable for use in constructing supports for specimen and artifact storage."

#### Vs. the humble "hot glue gun"



"The most commonly used polymers in hot glue sticks include ethylene-vinyl acetate (EVA), polyesters, polyethylene, and ethylene-methyl acrylate (EMA)."



## **COMMON EXHIBITION DISPLAY METHODS: Materials**



Fabric-type materials



**Cotton Twill Tape** 

- Smooth, undyed fabrics to prevent transfer of dyes to objects
- Wide variety of uses for each, and they can be fairly affordable
- Mat board, while paper, has a high fabric fiber content making it stronger and higher quality



Unbleached Cotton Muslin

Archival Mat board

### **EXHIBITION MONITORING AND MAINTENANCE**







Objects in display cases can be locked in and become forgotten and inaccessible

Objects on "open display" require routine dusting, and visual inspection

Environmental monitoring is another useful tool in understanding what your object is experiencing. It is important, whether it is environmental monitoring, or simply visual monitoring, to track changes in objects over time while they are "working" on exhibition. 59



## **Dust**

- Considered a pollutant and also part of "neglect" of collections
- Accumulation over time causes abrasions and irreversible damage
- Dust can absorb moisture, oils, mold spores, etc.
- A layer of dust attracts other types of danger (mold, pests, other pollutants)

Image courtesy of Museum of Chaumont, France.

# CASE INTERVENTION & MOUNT MAKING @ UINTAH COUNTY HERITAGE MUSEUM

Megan van Frank | Utah Humanities

## STABILIZATION OF OBJECTS ON EXHIBIT



- Uintah County Heritage Museum has a significant collection of Fremont and early Ute material (Thorne and Pickup collections) comprising hundreds of objects and even more lithics.
- In a joint project with Utah Humanities, Museum staff worked together with museum professionals to stabilize and move the collection in 2014 to a new facility.
- In 2015, the team reorganized the objects in their cases and created mounts to stabilize the collection on display.







## PHASED APPROACH | Initial Scoping

Donor conditions required permanent display, posing great risks to the material. Initial scoping identified these priorities:

- Exhibit mounts to support and stabilize objects
- Separation of objects while on exhibit
- Address deterioration due to light and dust > cleaning
- Label objects to provide information (or even interpretation)







# STEP 1: Get to Know Objects

- Condition reporting
- Identifying vulnerabilities
- 3. Photography
- Basic research into existing documentation





## **STEP 2: Forward Planning**

- 1. Basic mounts
- Design to minimize handling (now and later)
- Dual purpose for both storage and (with tweaks) display
- 4. Improvements achievable in the timeframe





## **STEP 3: Better Environment**

- Archival materials
- Light dimmers
- Objects separated and organized
- But still requires stabilization measures



Case	
No.	Assessment - Pre Intervention
24	Put types together if they were not in a cache. Digging sticks of a board. Corn Muslin accordion tray. Arrowheads stitched to a board – clear polyester Ethafoam and micro suede Trirod coul work for the corn board if left on glass they will walk.
62	Cavity mount for stone balls. Mylar and micro suede hot pad between all surfaces not on boards. Nipple bowl needs a deeper cavity mount - turning straight down. Pot pieces bagge and the large pot need a grown up conservator. Priority 1. Figurines are a priority 1 project- Points on black mount need remounting.
74	Baskets Priority 1 & 2 - Gourd - ring backer rod. Gravity will hur if not supported. Might consider a container section for interpretation. Discussion to generate - How to make baskets Stuff our the baskets correctly. Rock lid - Priority 1 Interpret the lithic - talk about how they were found,
20	Basket Priority 1 - Snare bundle on a board and stitched - Priority 1. Starts/basket lids, on a board. Arrow shafts - composite, show how they were composed, use consistent basket cavity mounts, Sandler needs a bit more support. Plac bag on a lifting board. Corrugated board for the corn. Bundle of feather secured. Bone tools (Might consider a tool kit interpretation) sewn to a board.
Hex	Cache - support baskets on a brass ring? Backer rod- batting pillow Priority 1
26	Bows and Arrows Priority 1 - Staircase mount? Interpret technology. Tools - pipes different things. Hand held hoes, digging implements sticks gone. Manos. Leather on lifting board. Basket -corn on a board.
70	Mylar between layers of leather, do not stack . Storage - bags decision documented - trays for - cache. Stone technology not by cache. Net already sewn on board - the board needs stabilizing. Customize a cavity mount for the guard. Another Cavity mount for the other Guard (Pumpkin looking) Hot pads for those artifacts on mounts. May consider a footwear display The Ax handle needs to be mounted safely. The moccasins need a conservator. Priority 1
60	Support baskets. Matts put on a lifting board by a grown up conservator, for safe handling. Priority 1. Rattle mount needs stabilizing on a cavity mount. Priority 1. Boards for all tools.
none	Spoons in a cavity mount. Baskets on hot pads of Mylar and



- Triage most vulnerable (organics, textiles, fragile ceramics)
- Set priorities (high, medium, low risk) with prioritized plan for next steps
- 3. High priority objects plus easy fixes that can be done readily







### **STEP 5: Basic Mounts**

Stick to a few basic mount types to ease production line:

E.g., Cavity, Ring, Internal, Board











## STEP 6: Specialized Mounts

- Know your limits
- Call for experienced help when needed





## STEP 7: Build in Extra Time

- For surprises
   (e.g., pest
   infestations)
- To deal with damage that needs repair
- 3. To call for experienced help when needed

## **PHASED APPROACH | Accomplishments**

#### **DONE**

- Exhibit mounts for high risk objects
- Slip mats / mylar for easy fixes
- Separation of objects (no stacking)
- Dealt with pest infestation
- Light mitigation
- Basic organization & labeling

#### **LEFT FOR NEXT STEPS**

- Exhibit mounts for medium and low risk objects (but will address based on prioritized plan)
- Cleaning dust and other accretions
- Community consultation
- Interpretation (requires research, community consultation, and specialized help)

Case No.	Assessment - Pre Intervention	Assessment - Post Intervention
24	Put types together if they were not in a cache. Digging sticks on a board. Corn Muslin accordion tray Arrowheads stitched to a	
62	Cavity mount for stone balls. Mylar and micro suede hot pad between all surfaces not on boards. Nipple bowl needs a deeper cavity mount - turning straight down. Pot pieces bagged and the large pot need a grown up conservator. Priority 1. Figurines are a priority 1 project- Points on black mount need remounting.	Points should be put on a board and stitched. The boards should hold groupings. Black mount with white points should be traded out.
74	Baskets Priority 1 & 2 - Gourd - ring backer rod. Gravity will hurt if not supported. Might consider a container section for interpretation. Discussion to generate - How to make baskets. Stuff our the baskets correctly. Rock lid - Priority 1 Interpret the lithic - talk about how they were found,	Points and Knives need to be on padded board (polyfill) or cavity mounts. Stitch the points onto the board.
20	Basket Priority 1 - Snare bundle on a board and stitched - Priority 1. Starts/basket lids, on a board. Arrow shafts - composite, show how they were composed, use consistent basket cavity mounts, Sandler needs a bit more support. Place bag on a lifting board. Corrugated board for the corn. Bundle of feather secured. Bone tools (Might consider a tool kit interpretation) sewn to a board.	Bone needs to be on a board. Cavity mount for shafts. Cavity mounts and boards according to shape. Dice is not stitched on it should be stitched or put on a cavity mount.
Hex	Cache - support baskets on a brass ring? Backer rod- batting - pillow Priority 1	It pretty much finished. We could stuff the leather bags, after conservation Tyvek would be a good material to use.
26	Bows and Arrows Priority 1 - Staircase mount? Interpret technology. Tools - pipes different things. Hand held hoes, digging implements sticks gone. Manos. Leather on lifting board. Basket -corn on a board.	Turn corn back to faded side or move to bottom shelf. You could use a photo to show the beauty of the other side of the corn.
70	Mylar between layers of leather, do not stack . Storage - bags decision documented - trays for - cache. Stone technology not by cache. Net already sewn on board - the board needs stabilizing. Customize a cavity mount for the guard. Another Cavity mount for the other Guard (Pumpkin looking) Hot pads for those artifacts on mounts. May consider a footwear display. The Ax handle needs to be mounted safely. The moccasins need a conservator. Priority 1	Grass moccassin needs to be on a board. The dew claw moccassins need a board. Horn on a board. Keep caches together. Fishing net turned over and tacked on the lose end. Priority 1. Note: The investation has been treated The leather will need cleaning. If hari is coming off stop cleaning immediately. No cleaning without a grown up conservator. Leather on boards. Hoping for August help from Kim and Glenna. IPM control.Talk to Sam for scheduling and help.
60	Support E Matts put on a lifting board by a grown up cool of the pandling. Priority 1. Rattle mount needs for all tools.	Divets deeper on the game pieces. Round gray mount perfect for the round start in Case 20. Bone, hafted knives, fire drills etc. need to be on boards.
no	skets on hot pads of Mylar and	Extra basket placed in case. 2nd from the right.

### **PHASED APPROACH | Key Points**

- Staged project over 2 years in phases: set priorities within timelines, allocated staff time, and recruited skills needed
- Aimed for better -- not perfect -to keep moving

"Artifacts that were dead," the tribal member commented, "are now alive."

## Lunch (1 hour)



### **ACTIVITY 1:**

## **Mount Making**

1.25 Hours- Hands on, create multiple simple object mountsSlant BoardCavity Mount(1 hour, 15 min)

Handout



## Preservation in Storage and Display Workshop Instructions for Slant Board Mount

#### Materials

Cutting mat

Retractable knife (x-acto or box cutter)

Cutting mat

Ruler- Metal and greater length than 12" preferred

Felt tip pen

Hot Glue Gun

Blueboard

Ethafoam Sheet

Polyester faux suede fabric



#### Instructions

- 1. Prepare workspace- clean surface, place object in a safe spot out of the way
- 2. Cut board to the desired size, based on object measurements



## **ACTIVITY 2:**

### **Case Intervention**

45 min- Visit and Review Gallery Space

**30 min**- Alter and improve a pretend exhibition case with objects

Handout



## Preservation in Storage and Display Workshop Case Intervention Activity

For this activity, you will be presented with a variety of objects to be exhibited together, within the finite space of a single exhibition case. Objects will be placed in one possible arrangement, but your task is to improve the design and layout according to the basic object display principles discussed today and below.











## BREAK (10 Minutes)



**Discussion:**Reflections on
Mount Making
Activity

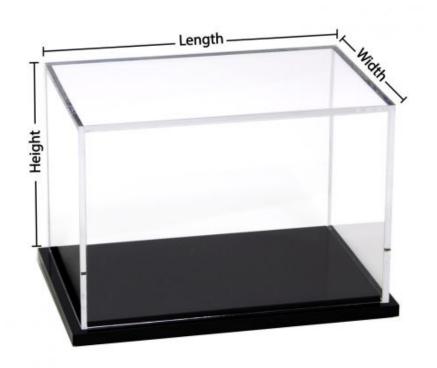




## **Discussion:**

Case Intervention Activity





## Wrap-Up

- Reflections from the day
- Evaluation
- Homework

### Homework

Intervention at Home:

Identify an object or group of objects at your institution that need a new mount or display method. Design such an intervention. Send images of the object/objects to Marie before our next workshop.



## Thank you!

Marie Desrochers | mdesrochers@utah.gov https://artsandmuseums.utah.gov/utah-collections-preservation/

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