



AIC News
September 2021
Volume 46(5)

**Health &
Safety
Network**

Photo: *Peromyscus maniculatus*, woodland deer mouse. Taken by Phil Myers, Museum of Zoology, University of Michigan-Ann Arbor.

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Rodents & Risks to Cultural Heritage Custodians

By JoAnne Martinez-Kilgore for the Health & Safety Network

Custodians of cultural heritage items and collections, including conservation professionals, often encounter evidence of rodent activity in the form of droppings, staining, gnawing, and nests. At times they respond to live infestations or find rodent carcasses. Rodents find food, nesting material, and protected spaces within cultural heritage structures and storage areas, in caves, in previously disturbed soils of archaeological sites, and within human/animal remains. Contact with rodent excreta, secreta, and remains present an acute risk for humans; infected rodents can easily spread viruses. The virus that presents the largest risk of transmission from infected rodents in North America is the hantavirus, which can cause a serious, life-threatening condition known as Hantavirus Pulmonary Syndrome (HPS).

Rodents serve as reservoir hosts for these viral agents. Each strain of hantavirus is linked to a specific carrier. The geographic distribution of human cases of disease caused by hantaviruses are a result of the distribution and natural history of their primary rodent hosts. According to the Centers for Disease Control (CDC), within the United States, four rodents carry the virus that can cause the HPS disease – the deer mouse, the cotton rat, the rice rat, and the white-footed mouse. The deer mouse is abundant in the United States (figure 1). The range of the deer mouse includes most of the continental US and much of Mexico and Canada. Infected rodents are non-symptomatic and shed the virus throughout their lifetimes. This article seeks to provide information on hantaviruses, the HPS disease, and steps to reduce risks to humans.

Archives, records repositories, museums, libraries, natural history and biology

Rodents & Risks to Cultural Heritage Custodians continues on page 5

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**Deadline for November editorial
submissions: October 1, 2021. Submit to
carmina@culturalheritage.org.**

We reserve the right to edit for brevity and clarity.

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From the Executive Director

By now, I expect you all have learned of the Member Designation Proposal that will come to a vote later this fall. Now is the time to ask questions about it and provide your comments. The Membership Designation Working Group (MDWG) welcomes your thoughts through October 15.

Since the first draft of the Member Designation Proposal was completed in 2019, the MDWG has solicited feedback broadly and has already considered comments from AIC committees, network officers, specialty group officers, and the AIC Board of Directors as well as over 500 individual members. It's easy for you to comment by email or in the member community, of course, but presentations and listening sessions have also allowed for virtual exchanges of information and perspectives, and I hope you took advantage of these opportunities. Now in progress, the AIC board and WG members are responding to key questions raised by members. You will see these responses in e-blasts and the member community.

With some members asking why it is necessary to revise the current system, it's important to recognize how the environment in which you work continually changes in response to both internal and external forces. Just as the field of conservation is maturing over time, AIC is evolving to support the changing needs of its professional members. The current peer-review system needs to be revised and refreshed to be more consistent, to welcome those preservation professionals who do not perform treatments, to remove bias from sponsors' endorsements, and to encourage continuing education.

The thoughtful work of the MDWG, carefully led by Nancy Pollak and Deborah Trupin, as well as all the AIC members who have reviewed drafts and contributed to the current and almost final draft, is to be commended. Members of the AIC Board of Directors have reviewed drafts periodically throughout the process, commented, and are in active support of moving the proposal forward to a vote. The current proposal has met and exceeded my own expectations, and I fully support its approval by members.

Will it work perfectly for all members? Likely not, but it will better serve the vast majority of members. Importantly, feedback on the new process will be assessed, and tweaks can be made as needed over time. Is it a step AIC should take? Absolutely. We cannot stand still in an environment that is in change.

I am particularly excited that the proposed system is one that we will be able to promote with confidence. A marketing plan has already been outlined. Once a fact sheet, promotional material, and toolkit are completed and a new webpage is created, outreach to collecting institutions, allied organizations, and service groups will begin. Critical to the success of this outreach will be the guidance and assistance of conservators in private practice. You are best positioned to help us promote AIC's peer-review process and its meaning to your clients and more broadly within your communities.

Please review the current draft plan, communicate any additional comments to the MDWG, and then join AIC leadership in approving a new AIC member designation plan.

—Eryl Wentworth, AIC and FAIC Executive Director, ewentworth@culturalheritage.org



Eryl Wentworth,
Executive Director

Rodents & Risks to Cultural Heritage Custodians

Continued from cover

collections, historic houses, and historic sites can present risk to humans of contracting hantavirus and HPS when collection materials or environments have been impacted by rodents. Conservators and allied professionals must know the risks of contracting the virus, steps to take to reduce the inhalation/exposure to the virus, and symptoms of the virus and HPS.

Hantaviruses

Virologists world-wide believe hantaviruses have been present throughout history. These viruses were first described in Russia in 1913. In the last century two major outbreaks of disease led to clear identification of hantaviruses as the cause. These outbreaks occurred in Korea and the southwest region of the United States.

During the Korean War, 3,000 United Nations troops contracted Korean Hemorrhagic fever. The symptoms of this disease include hemorrhagic fever and renal syndrome. Twenty-five years after this outbreak, scientists were able to identify the causative virus as the Hantaan virus, a strain of "Old World" hantavirus. The reservoir for this virus is the striped field mouse. The Hantaan virus occurs predominantly in the Russian Far East, China, and Korea.

The 1978 study that identified the Hantaan virus developed the methods to identify additional related hantaviruses. As of 2010 over 21 hantaviruses that cause illness in humans when transmitted from their rodent reservoirs had been identified. "Old World" hantaviruses are found mostly in Europe and Asia. The resultant disease is referred to as Hemorrhagic Fever Renal Syndrome (HFRS). "New World" hantaviruses are found in the Americas and the human disease is Hantavirus Pulmonary Syndrome (HPS).

Recognition of the Sin Nombre strain of hantavirus emerged in late 1993 after a rash of deaths came to the attention of medical authorities in the four corners region (Arizona, Colorado, New Mexico, Utah) of the United States. A team of health professionals sped to identify the disease and the vector spreading the disease, arriving at the ubiquitous deer mouse as the carrier. Through testing of tissue samples from victims, scientists isolated a novel strain of hantavirus. This first outbreak occurred following a moist fall and spring that resulted in abundant vegetation, food, and shelter, which fostered increased rodent reproduction and numbers.

Since 1993 (and through 2017), the CDC has documented 728 cases of HPS. Scientists identify a correlation between wet conditions that spur abundant vegetation and HPS outbreaks. In the summer and fall of 2012, ten persons who had visited Yosemite National Park became ill with HPS, resulting in three deaths. The common factor was that they had stayed in National Park Service cabins or camped in the vicinity. The previous winter had been moist, yielding an abundance of pine nuts and an abundance of deer mice. The structure of the cabins provided a perfect entry point and space to harbor mice. In 2020, a 24-year-old man living on the mid-Atlantic coast exhibited extreme life-threatening symptoms—fever, fatigue, chills, cough, nausea, vomiting, body pain, and, eventually, respiratory distress. Through a thorough analysis of the patient's activities, he recounted a mouse bite 2 weeks prior. Through tissue sampling the diagnosis was HPS due to a Sin Nombre virus infection.



Figure 1. The shaded region of the map shows the deer mouse habitat in North America. The deer mouse prefers woodlands but also appears in desert areas, and is cited as most likely to carry and spread the hantavirus. CDC, <https://www.cdc.gov/hantavirus/rodents/index.html>.

Native American lore from the four corners region includes accounts of similar deaths in three instances in the 20th century. Native American healers developed preventive measures. The culture of the region associates the presence of mice in the house with bad luck and sickness. These accounts led to the suspicion that the HPS disease could have impacted humans in the past. This lore defied scientists' beliefs that before 1993, diseases caused by hantaviruses were restricted to Europe and Asia. Indeed, testing of cryogenically preserved rodent tissues indicated the presence of antibodies reactive with the Sin Nombre virus in North America. This indicates that the 1993 outbreak did not represent a new viral genotype but only the first identification of the virus.

Infection, Symptoms, and Prevention

Humans are vulnerable to the virus through inhalation of aerosolized particles from nests, droppings, urine, and saliva of infected rodents. Infection can also occur through contact with open wounds or through the eyes. Infection is also a risk when contacting carcasses of infected rodents, from ingesting food or water contaminated by infected rodents, or from a bite from an infected rodent.

Hantavirus causes flu-like symptoms such as fever, headache, abdominal, joint, and lower back pain, and sometimes nausea and vomiting. Some people recover after about 4–10 days, while others develop more severe HPS, which causes great difficulty in breathing due to a buildup of fluid in the lungs. Symptoms of HPS start one to eight weeks after contact with infected mice or rats. If symptoms are left untreated, serious respiratory failure can occur. Those with HPS typically experience better outcomes when their symptoms are recognized early and they receive intensive medical care. In the aftermath of the initial outbreak of HPS in 1993, the CDC issued guidelines for the prevention of hantavirus infection focusing on Integrated Pest Management (IPM) practices to prevent rodents from entering structures, reducing the release of infected particulates into the air, proper disposal of carcasses and waste, and use of sufficient personal protective equipment (PPE). The CDC identified diluted bleach (10%) solution and household disinfectant as effective in destroying the virus. Other sources identify Lysol and alcohol solutions as effective. Situations that increase the risk of infection with hantavirus include re-entry into seldom occupied spaces such as outbuildings, any movements that serve to circulate particulates into the air, like dry sweeping, and environments with poor air filtration.

In the National Park Service (NPS) publication *Cultural Resources Management*, Sanford, Johnson, and Wallingford (1998) offer a comprehensive set of processes to mitigate infection with the virus. The article outlines steps adopted in their 1996 project to restore a three-room frame cabin in a rural setting. They confirmed that deer mice inhabiting the area around the cabin tested positive for the Sin Nombre strain of the hantavirus.

Strategies to prevent rodent presence in structures include reducing possible rodent food sources, sealing and maintaining structures to eliminate small spaces that allow rodents to enter, and creating a 100-foot zone around structures free of items that could harbor rodents and their food sources. Recommendations for structures that are occupied seasonally include allotting time for ventilation and judicious cleaning.

Two NPS *Conserve O Grams* by Knapp (2014) and Ritchie (2020) summarize health and safety issues related to the presence of mice and rats. Knapp covers strategies for IPM such as exclusion, environment and object cleanup, monitoring and trapping, and appropriate use of PPE. Ritchie offers insight into rodent behavior, characteristic rodent activity, and corresponding damage.

The Department of Interior (DOI) prepared a document for custodians who need to handle boxes of paper records contaminated with rodent feces and urine. (Garbe and Radtke 1998) The DOI industrial hygienists cite research stating that it is likely the virus “maintains viability for no more than 48–72 hours on indoor environmental surfaces.” They recommend isolating paper records for a period of 14 days in a rodent-free environment before they are handled for decontamination. They also recommend sufficient ventilation and the use of disinfectants and PPE that includes respiratory protection. They outline protocols for storage facility decontamination, remote site record retrieval, and for box inspection and decontamination.

Approach of Allied Professions

In *Dangerous Places: Health, Safety, and Archaeology*, Fink (2001) outlines basic knowledge for archaeologists to protect themselves from HPS. After reviewing the different species that can carry HPS, Fink concludes that it is prudent to regard all mice as potential carriers of HPS and to follow appropriate precautions. He identified the removal of carcasses, nests, and feces as the most high-risk activity because of the airborne particulates released. He cites the propensity for rodents to burrow into archaeological features, caves, and historic structures and explains that loose soils, food sources, and human remains offer biodiversity which attracts the rodents. Fink recommends the use of appropriate PPE and the decontamination of excavation surfaces with Lysol or 10% chlorine bleach.

HPS risks to mammalogist are surveyed in a 1995 article by Childs, Mills, and Glass. They outline the need to quantify the HPS risk for persons with ongoing occupational exposure to rodents. They recommend comprehensive IPM aimed at habitat modification and population control of rodents using traps and rodenticides. They encourage the use of rubber gloves for handling impacted items, traps, or the rodents themselves. They recommend disinfecting these objects before handling.

Case Study

In 2004, the Office of Trust Records of the DOI contracted with the author to inspect, assess, and document hundreds of boxes of records, many impacted by rodent infestation. The boxes were needed for discovery and audit as part of ongoing litigation. The contract called for the development of protocols for cleaning and future handling. Initial research for protocols yielded reference to the above-cited DOI document specifying basic isolation, use of appropriate disinfecting agent, PPE, and ventilation. To develop a full lifecycle of protocols, the author looked to other sources to flesh out detailed handling specifications. Florian (2000) outlines an aseptic approach for the recovery of moldy archival materials and artifacts. Her article proved to be an excellent source in developing step-by-step protocols to reduce the spread of particulates and avoid cross-contamination.

Best Practices to Prevent Transmission

Table 1 summarizes the standard protocols to prevent transmission and what to do when encountering rodent activity within collection items, housing containers, storage areas, and outbuildings.

Table 1. HPS Prevention and Response

PREVENTION
Before any activity, develop a risk profile that accounts for the presence of rodents. Develop processes that reduce the release of particulates into the air.
Incorporate rodent exclusion activities in a comprehensive IPM program. Maintain and seal structures to prevent entry. Monitor for rodent presence. When necessary, utilize snap trap or rodenticide.
Be prepared to encounter evidence of rodent activity or active infestation. Build awareness of signs of infestation or past presence. Inspect structure, environment, and all internal spaces.
RESPONSE
Utilize appropriate PPE. Wear respiratory protection with HEPA or P100 filters, protective eye gear, gloves, and a disposable coverall or lab coat, at a minimum. Wear a Tyvek suit and shoe coverings when entering a structure or environment suspected to be highly contaminated. Utilize thick rubber gloves to handle traps, carcasses, and nesting materials.
Observe a 14-day period of isolation in a rodent-free environment before handling items.
Utilize effective disinfectant to clean surfaces, the exterior of boxes (when appropriate), and rodents and traps.
Ensure good ventilation in areas impacted by rodents or in areas where rodent-impacted materials are handled. Allow for a period of ventilation before entering contaminated or unoccupied spaces.
Dispose of all waste produced in accordance with local health department regulations. Double-bag infected animals. Securely bag all waste.
Document level of infestation. Label impacted collection items for those who handle the items in the future.

Conclusion

The symptoms of hantavirus infection are similar to those of common influenzas but can proceed rapidly into breathing difficulties and the lung failure associated with HPS. It is therefore important to understand situations that place one at risk of contracting this illness — any contact with live rodents, rodents' nests, or environments or items damaged by rodents. Prompt treatment of HPS is crucial to a positive outcome.

Protocols for the treatment of collection items impacted by rodents include isolation and careful cleaning with a HEPA vacuum. The virus is also susceptible to ultraviolet radiation. In the future, alternative treatments aimed at disinfecting objects, such as irradiation, should be explored.

—Jo Anne Martinez-Kilgore, Conservator, Arizona State Library, Archives, and Public Records, jmartinezkilgore@azlibrary.gov

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Fall 2021 IAG Meeting

Our fall meeting of the Internal Advisory Group (IAG), composed of all of volunteer chairs or their designated substitute, will meet virtually via Zoom on **November 12, 2021**, from 11am–4pm, with an hour break at 1pm. More details will follow.

If you have ideas or concerns that you'd like to be voiced at the meeting, please contact your specialty group or network chair or a staff or board member.

AIC Board Elections

The AIC Nominating Committee encourages members to submit nominations for qualified individuals as candidates for election to the following positions:

- › Secretary
- › Treasurer
- › Director, Communications

The Nominating Committee must receive completed nominations **by February 16, 2022**, three months prior to the May Member Business Meeting. The AIC Bylaws require that candidates for the officer positions of secretary and treasurer, as well as directors, be Fellows or Professional Associates. The nominees for all positions must be members in good standing of AIC and should have prior experience with the functioning of the organization through service on committees, networks, specialty groups, or in other capacities.

Committee members will be pleased to discuss any aspect of the nominating and election process with potential candidates and anyone interested in nominating candidates. Please contact Sarah Stauderman (sarah.stauderman@gmail.com), Jessica Chloros (jchloros@isgm.org), or Renée Stein (rastein@emory.edu).

Nominating Committee

The Nominating Committee is seeking nominations of qualified members as candidates for the Nominating Committee election. The committee, composed of three members each serving a three-year term, has one vacant position each year. The 2022 candidate must be a Fellow member of AIC. Nominations are made to the chair of the Nominating Committee and must be received **by February 16, 2022**, three months prior to the May Member Business Meeting. An electronic vote will be held in conjunction with the votes held for Board member positions.

—AIC Nominating Committee: Sarah Stauderman (sarah.stauderman@gmail.com), Jessica Chloros (jchloros@isgm.org), and Renée Stein (rastein@emory.edu)

2022 Membership Renewals to be Available Soon

September is when we begin asking you to renew your membership. Renewing early helps avoid a gap in your journal subscription and member community access.

Renewing online or by phone supports your association.

- › Renew online at culturalheritage.org/renew
- › Renew by phone at 202.991.0643

Your 2022 dues order (when available) reflects your 2021 (and sometimes previous years') membership, including specialty groups. When renewing online, you can add specialty groups but not remove them yourself. Remove groups, change member type, or make other changes by emailing membership@culturalheritage.org or calling Erika at 202.991.0643.

We understand that many of our members have been impacted by the pandemic and related economic downturn. If you are experiencing difficulties, we want to work with you. Please contact me using the information below so we can discuss personalized arrangements.

—Ryan Winfield, AIC Membership Manager, 202.661.8065 or rwinfield@culturalheritage.org

Awards Nominations Due December 15

We strive to recognize members and allied professionals for outstanding and distinguished contributions to the field of conservation.

Please take time to commend someone you know who deserves recognition for accomplishments, such as service to our association or the conservation field, advocacy, education/teaching excellence, or producing a terrific publication. Help us celebrate their achievements by nominating them! It only takes a few minutes to write a sponsorship letter. The awards committee encourages submissions from all members.

To learn more about our awards categories, including information on past winners and how to submit a nomination, visit: www.culturalheritage.org/awards. Submit your nominations by December 15, 2021.



Awards Questions?

Contact the Awards Committee to submit nominations or to ask questions at awards@culturalheritage.org.

COMMITTEE UPDATES

Member Designation Working Group (MDWG)

The Member Designation Working Group (MDWG) thanks everyone who attended the MDWG listening sessions in June and July and who have provided feedback on the MDWG proposal. MDWG is currently working to address feedback and prepare a third draft for the new peer-reviewed membership categories, to be shared with members in September. Pending any final revisions following member input, the third draft should be very close to the version that you will have a chance to vote on later this fall. **All AIC members will be able to vote on the final proposal.**

The AIC Board and MDWG will also be sending a series of messages via email and AIC Member Community to address some of the questions and comments from members. The rest of this column discusses two of the most basic questions that members have asked:

- › Why do we need designations?
- › Why are we proposing changes to our peer-reviewed membership categories?

To answer “why we need designations”: AIC is a membership organization, open to all who are interested in preserving cultural heritage. Many AIC members are aspiring, active, or retired professionals, while others are those interested in and supportive of conservation and preservation. Having a professional membership designation distinguishes these groups; the professional designation can also be used to help people who seek conservation and preservation services find professional members.

There is a bit of history behind the question “why are we proposing changes?” The need for a task force to address this question was first discussed at the AIC Member Business Meeting in 2014. The AIC Board formed MDWG in December 2016 and asked the group to generate a proposal for:

- › Revising and strengthening AIC’s membership categories to better reflect the training and expertise of our members.
- › Increasing transparency in the application and review process.
- › Supporting the organization’s ability to promote our members and the conservation profession.

MDWG found that while the current peer-review application review process rightly emphasized a member’s commitment to the AIC Code of Ethics and Guidelines for Practice, it also:

- › Seemed to discourage applicants whose jobs don’t require performing treatments on a regular basis (e.g., preventive conservators, preservation architects or engineers, professors or administrators, scientists, etc.).
- › Could be erratic in the application of its review criteria, particularly as members with different specialties and backgrounds cycled on/off the Membership Committee, resulting in inconsistencies in applicant evaluations.
- › Was overly reliant on sponsorship and the applicants’ connections to the field in the United States.

- › Did not provide a system for ensuring ongoing professional development and engagement with the field. Some PAs and Fellows expressed dissatisfaction with this, noting that many similar professional organizations required ongoing professional development.

MDWG's proposed system aims to address shortcomings of the current system by making the process more accessible to a broader range of practitioners, involving a larger and more diverse group of members in application evaluations, removing sponsorship bias, and encouraging professional growth.

The current proposal addresses the three goals we were tasked with, and we believe this is the best way at this point in time to move the organization forward to alleviate problems with the existing system. All aspects of this new membership proposal are flexible; they can be adjusted, improved upon, and changed, depending on member input and evaluation of the implemented plan over time.

Please watch your email and the AIC Member Community for upcoming messages that will aim to clarify components of the proposal (like the Continuing Professional Development (CPD) plan) and address issues that are related to but outside of the MDWG charge, such as marketing and necessary Bylaws changes.

Note: an earlier version of this message was distributed to the AIC Community via the online AIC Member Community forum, August 19, 2021.

Equity & Inclusion Committee (EIC)

The EIC published its guiding principles, working agreement, and non-negotiables on the **Equity and Inclusion in Conservation Community** (an open-to-all community on the AIC/FAIC Online Community platform) on July 7th, 2021 (<https://tinyurl.com/dbay6rzz> - member login and discussion community membership required to view this posting). These are meant to govern our own internal EIC meetings as well as other EIC spaces, including but not limited to the EIC online community and any programming hosted by EIC. They represent mechanisms by which we do our work as well as areas where the committee does not have to engage as a means of self-care. These guides are combined in a pdf, which can be downloaded from the AIC website using this link: www.culturalheritage.org/docs/default-source/resources/eic-guiding-principles-working-agreement-and-non-negotiables.pdf. We welcome comments and feedback from AIC members as the principles continue to evolve.

We continue to work on producing a report from the data gathered by the "Accessibility Survey of Continuing Education in the Field of Cultural Heritage Conservation." Approximately 29% of respondents (162 of 558) identified as having a disability with psychological conditions and chronic health conditions being the most identified. We plan to have the report available by the time we celebrate AIC's 50th Annual Meeting in Los Angeles.

The committee held our summer "Meet and Greet" on July 20th to welcome our new members, answer questions, and discuss recent committee initiatives. This included a summary of annual meeting events, recap of the newly formed affinity groups, brief update on the Accessibility Survey, and introduction to EIC's guiding principles. The presentation portion of the "Meet and Greet" was recorded and can be viewed here: <https://learning.culturalheritage.org/products/equity-and-inclusion-july-2021-meet-greet>.

The 2021 Joint AIC/SPNHC Virtual Annual Meeting program "Confronting our Biases to Transform Conservation" is also now available on YouTube: youtu.be/M-f2SNTeipk.

—Ronel Namde, Associate Conservator of
Photographs, J. Paul Getty Museum, rnamde@getty.edu, on behalf of the Equity and
Inclusion Committee, eic@culturalheritage.org

Annual Meeting News

Be Part of Our History at AIC's 50th Annual Meeting

The 2022 AIC Annual Meeting will take place at the Westin Bonaventure in Los Angeles, California, from May 13 to 18, 2022, our 50th celebration! We are committed to creating a safe, thought-provoking, and fun in-person meeting. Our protocols for reducing exposure to COVID-19 are described below. Recognizing that not everyone can attend a meeting onsite, the 2022 meeting will be the first in-person AIC meeting to include a virtual component.

MEETING THEME: REFLECTING ON THE PAST – IMAGINING THE FUTURE.

The year 2022 marks the 50th anniversary of the incorporation of the American Institute for Conservation (AIC). The field of cultural heritage preservation has grown immeasurably since 1972, with the introduction of new treatment methodologies, analytical techniques, and conservation materials. During this time span, the nature of the objects and sites we deal with has changed and our philosophies surrounding their care have necessarily evolved. We also must acknowledge that we are facing increasingly global issues such as climate change, social justice, and mass displacement and migration of peoples, all requiring new approaches and collaborations with other fields and stakeholder communities.

As we celebrate and reflect on AIC's first fifty years, we invite introspective and innovative contributions to:

- › Examine with modern eyes the history of field, its practice, and practitioners.
- › Address concerns we are facing now.
- › Explore and imagine our next half century.

Where do we want AIC to be in the year 2072? What lessons can we learn from the past that will help guide our field into the future? What should our priorities and goals be? What steps should we take, and which frameworks should we build, to achieve those goals and shape our field for the next fifty years?

AUTHORSHIP GUIDELINES

Appropriate attribution of scholarship and research has academic, career, and social implications. To date there have been no established guidelines to help our annual meeting presenters navigate this sometimes-confusing process. To provide clarity and help ensure that credit is given where due, we have created a set of guidelines based upon those that have been adopted by many journals, including *JAIC*. Review the Authorship Guidelines by visiting: <https://tinyurl.com/2td4b33h>. We ask that all those who submit abstracts to the 2022 annual meeting read and acknowledge them. Deciding on authorship can be a fraught process, and no set of guidelines can address every situation, but we hope that these guidelines will inform, educate, and most importantly serve as a basis for discussion among colleagues and collaborators.

Call for Papers

Abstracts may be submitted for the following sessions:

- › General (plenary) Sessions - <https://tinyurl.com/ws6wup>
- › Specialty Sessions - <https://tinyurl.com/rfx4sc23>
- › Poster Sessions (can be either General or Specialty focused, so use either portal)
- › Special Sessions (pre-sessions, post-sessions, and lunch sessions) <https://tinyurl.com/nfnrwwaw>

The links above have more information on each of the different types of sessions. In the main conference (held on May 15-17) you can submit an abstract for up to three choices ranked in your order of preference.

Please view our [submission instructions](#) for more information on how to submit an abstract. The closing date to submit an abstract is **September 17, 2021**.



Learn more

Keep up to date on the 2022 meeting plans at culturalheritage.org/meeting



Authorship

Review the Authorship Guidelines by visiting: <https://tinyurl.com/2td4b33h>

COVID-19 Information

AIC is committed to holding a safe, productive, and successful in-person 50th annual meeting at the Westin Bonaventure Hotel in Los Angeles on May 13-18, 2022. We are carefully monitoring the ever-changing advances and restrictions regarding COVID-19. AIC will be following local, state, and federal health agency guidelines for any in-person meeting.

In addition, all attendees will be required to show proof of vaccination or furnish negative COVID-19 test results via Clear no more than 72 hours prior to check-in at the AIC registration desk. For more information, visit our [COVID-19 Information page](#).

Virtual Component

We encourage everyone who is able to travel to Los Angeles to join us in celebrating our 50th annual meeting; however, we recognize that not everyone will be able attend in person. A virtual component will be making its debut at the 50th annual meeting.

Attendees can register for the onsite meeting or its virtual component. The virtual component will feature a selection of general session and specialty talks that will be both livestreamed from Los Angeles and recorded and available to view for a limited time after the annual meeting. All registrants for the onsite meeting will have access to these recorded sessions. This dual benefit gives in-person attendees access to talks that may be happening concurrently.

Registration and Room Block Opening Soon

Registration for the 2022 annual meeting and room block reservations will be opening soon. Please check the Annual Meeting webpages and your email inboxes. We look forward to seeing you in Los Angeles next Spring!

—Ruth Seyler, Meetings & Advocacy Director, rseyler@culturalheritage.org



COVID-19 Info Page

Learn more at:
www.culturalheritage.org/events/annual-meeting/current-meeting/covid-19-info

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Foundation News

FAIC Receives Grant from Bank of America

Bank of America awarded FAIC a \$15,000 grant in July to support general operating expenses. The grant came on behalf of the Bank of America Art Conservation Project Selection Committee members. They included:

- › Barbara Buckley, Senior Director of Conservation and Chief Conservator of Paintings, The Barnes Foundation
- › Nicholas Dorman, Jane Lang Davis Chief Conservator, Seattle Art Museum
- › Mark Lewis, Chief Conservator, Chrysler Museum of Art
- › Mervin Richard, Chief of Conservation, National Gallery of Art
- › Laura Rivers, Associate Paintings Conservator, The J. Paul Getty Museum
- › Dr. Stefan Simon, Prussian Cultural Heritage Foundation
- › Lena (Carol) Stringari, Deputy Director and Andrew W. Mellon Chief Conservator, Solomon R. Guggenheim Museum and Foundation

FAIC thanks Bank of America and the Art Conservation Project Selection Committee for their support.

EMERGENCY PREPAREDNESS AND RESPONSE

National Response Training in Los Angeles Next May

FAIC is pleased to announce plans to host a National Response Training in Los Angeles, California, on May 13-14, 2022, in conjunction with AIC's 50th Annual Meeting. We expect to announce a call for applications in December 2021. Please watch future AIC News issues and the online AIC Member Community for announcements on the application process and direct any questions to Elaina Gregg, FAIC Emergency Programs Coordinator, at egregg@culturalheritage.org. The training is made possible in part by support from the National Endowment for the Humanities (NEH).

Webinar on Stocking an Emergency Supply Cache

FAIC will host a webinar titled, "Establishing and Maintaining Emergency Supply Caches," September 15, 2021, at 2:00 p.m. ET. Rachel Onuf from the Vermont Arts & Culture Disaster and Resilience Network (VACDaRN), and Adrienne Berney from North Carolina's Cultural Resources Emergency Support Team (CREST) will discuss how their networks set up emergency supply caches, and plan to sustain them. Register at <https://learning.culturalheritage.org/products/establishing-and-maintaining-emergency-supply-caches>.

Alliance for Response (AFR) Micro-grants

With financial support from the National Endowment for the Humanities (NEH), FAIC will offer awards of up to \$2,000 to Alliance for Response (AFR) Member Networks to offer training or other services to their local constituents. Funds are intended to help keep AFR networks dynamic or help reinvigorate networks that may need additional training and membership to remain ready to serve their communities. Examples of eligible projects include purchasing supplies for regional network supply caches, providing emergency-related training to members, or designing instructional materials for the network. Additional information about the application process can be found at <https://www.culturalheritage.org/resources/funding/emergency-grants>.



NHR

NHR not only supports institutions affected by disasters, but is not offering support to members of the public. Learn more at www.culturalheritage.org/nhr.

Emergency CAP Program Available to Museums Impacted by Disasters

As part of the new Collections Assessment for Preservation (CAP) cooperative agreement with the Institute of Museum and Library Services, FAIC can provide emergency conservation assessments for a limited number of museums whose collections are impacted by a disaster. Emergency CAPs are similar to traditional assessments under the CAP program, but can be considered on a rolling basis to support institutions when they need it most. Additional information is available at www.culturalheritage.org/emergency-cap.

Applications for the traditional CAP program (www.culturalheritage.org/cap) close September 15th.

GRANTS & SCHOLARSHIPS

Funding Opportunities

The following opportunities are grouped by application deadline. All materials must be submitted online by the published deadlines for consideration.

FAIC GRANT & SCHOLARSHIP APPLICATIONS DUE SEPTEMBER 15

- › **FAIC Individual Professional Development Scholarships** offer support of up to \$1,000 to help defray professional development costs for AIC Fellows or Professional Associate members.
- › **FAIC/NEH Individual Professional Development Scholarships** of up to \$1,000 are available to AIC members who are U.S. citizens or residents to support registration and/or attendance at upcoming FAIC workshops that are supported by a grant from the National Endowment for the Humanities.
- › **FAIC Lecture Grants** offer up to \$500 for the purpose of presenting public lectures to help advance public awareness of conservation.
- › **FAIC Community Partnership Project Grants** offer up to \$1,000 toward the development and implementation of volunteer projects that bring teams of conservators to work with collections in need of care around the country.
- › **FAIC Workshop Development Grants** offer up to \$1,000 to help defray costs for development and presentation of regional workshops for conservators.

FAIC GRANT & SCHOLARSHIP APPLICATIONS DUE NOVEMBER 1

- › **FAIC/Samuel H. Kress Conservation Publication Fellowships** provide \$30,000 to enable conservation professionals to take time off from their work to finalize publishable manuscripts.
- › **FAIC/Tru Vue Conservation and Exhibition Grant**
Tru Vue, Inc. has partnered with FAIC to offer grants to support projects in glazing applications for preservation and exhibition of museum and library collections. Applications for FAIC/Tru Vue Conservation and Exhibition Grants are due November 1.

Funds are to help defray direct project costs, including contract workers, display fabrication, supplies, and publicity. Each award includes a cash amount of up to \$3,000, and a donation of Optium Museum Acrylic® or UltraVue® Laminated Glass for use directly related to the conservation and display project. See the website for specific details.

FAIC GRANT & SCHOLARSHIP APPLICATIONS DUE DECEMBER 15

- › **George Stout Grants** offer up to \$1,000 to attend professional meetings for students (or those who graduated in the past 2 years) who are members of AIC.



Find Grants

FAIC lists many funding opportunities online at www.culturalheritage.org/grants.

Find descriptions, requirements, and deadlines for all our grants, fellowships, and scholarships.



Funding Deadlines

Remember to prepare your applications in advance of the September 15, November 1, and December 15 deadlines. www.culturalheritage.org/funding

The review process takes up to eight weeks following the application deadline. For more information, contact Sarah Saetren, Education Manager, at funding@culturalheritage.org or 202.661.8071.

Guidelines and application information are located at www.culturalheritage.org/funding.

PROFESSIONAL DEVELOPMENT COURSES

Emergency Planning Online Workshop

Join us for the Emergency Planning workshop taking place online on September 14 - November 16, 2021, with live sessions on 10 consecutive Tuesdays, 12:00 - 2:00 p.m. ET.

Conservation professionals often work in institutions with emergency plans, but those plans are not always up to date. There is a need for resources to assess, update, and revise plans, as well as to help create and implement training materials. This course allows and encourages professionals from collecting institutions to not only update their emergency plans, but to ensure that staff is trained to implement the plans in the case of an event. Participants will work to develop sustainable internal training modules and build response teams within their institution.

The course is geared toward conservation and collections care professionals. The course will be broken into five sections, which include institutional buy-in, plan assessment, understanding facilities, training staff, and psychology of emergencies. Each section will be prepared and led by an expert on that topic and will include two live webinars, readings, and an activity. The live sessions for the workshop will take place in Zoom and automated captions will be available. All live sessions will be recorded and accessible to participants shortly after the session is complete.

The registration fee is \$199 for AIC members and \$249 for non-members. The course is limited to 30 participants, so register soon. See the course description and register online at <https://learning.culturalheritage.org/products/emergency-planning>.

Data Basics and Open Refine for Conservation Professionals

As part of a series of trainings on data analysis and visualization, FAIC is excited to present the Data Basics and Open Refine for Conservation Professionals online workshop taking place online on September 16 - October 14, 2021, with live sessions on Thursdays at 12:00 - 2:00 p.m. ET.

This five-week workshop is an introduction to handling data and Open Refine for conservation professionals. The first lesson will focus on data etiquette and best practices, formats, and types to inform your data collection and research and will build up a shared vocabulary to better converse with technical colleagues. The remainder of the workshop will focus on using the free data management platform, Open Refine, to explore and analyze your data. This will include faceting and editing via the program, as well as utilizing the built-in reconciliation function to reconcile terms and creators to external vocabularies. Considerable time will be spent actively working in small groups with discussion. By the end of the workshop, participants will be able to manage their research data according to best practices, and to analyze that data with Open Refine.

The live sessions for the workshop will take place in Zoom and automated captions will be available. All live sessions will be recorded and accessible to participants shortly after the session is complete.

The registration fee is \$199 for AIC members and \$249 for non-members. Participation is limited to 24. For more information, visit <https://learning.culturalheritage.org/products/data-basics-and-open-refine-for-conservation-professionals>.

FAIC Professional Development Courses

FAIC professional development programs are a crucial source for continuing education for conservation professionals. We established an endowment fund to support these programs with assistance from The Andrew W. Mellon Foundation and contributions from individuals. Additional sources support some workshops, as noted below. Full course descriptions and registration information are available at <https://learning.culturalheritage.org/conservation>.

Photographic Chemistry for Preservation

Ongoing, self-study course

Supported by The Andrew W. Mellon Foundation fund for Collaborative Workshops in Photograph Conservation

Making the Ask: Developing Negotiation Tactics in the Field of Conservation

Ongoing, self-study course

Emergency Planning

September 14 – November 16, 2021, online

Supported by a grant from the National Endowment for the Humanities

Data Basics and Open Refine for Conservation Professionals

September 16 – October 14, 2021, online

Supported by a collaborative agreement with the National Center for Preservation Technology and Training

TechFocus IV: Caring for 3D-printed Art

October 25, 27, & 29, 2021, online

Supported by a grant from the National Endowment for the Arts

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Installation view, *Revolutsiia! Demonstratsiia! Soviet Art Put to the Test*, on view Oct 29, 2017 – Jan 15, 2018, Art Institute of Chicago. Courtesy of the Art Institute of Chicago.



Installation view, *Arts of Korea*, Brooklyn Museum, on view beginning September 15, 2017. (Photo: Brooklyn Museum)

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New Publications

Aoki, Shigeo. *Conservation and Painting Techniques of Wall Paintings on the Ancient Silk Road*. Singapore: Springer, 2021. ISBN: 9789813341609. This book presents recent research on ancient Silk Road wall paintings, providing an up-to-date analysis of their coloring materials and techniques, and of developments in efforts to preserve them. It is a volume in the Cultural Heritage Science series.

Bertoni Cren, Nadia, and Stéphane Cren. *La sculpture sur bois romane de Bourgogne : Styles, techniques, restauration*. Chenôves: ARC éditeur, 2020. ISBN: 9782957448005. This book focuses on the corpus of Romanesque wood sculptures from Burgundy, France, assembled in the doctoral thesis of Nadia Bertoni (Université de Dijon). The book includes technical data gathered during the authors' interventions on four of these statues.

Cimino, V. Editor. *Preventive Conservation in Major Museums: Comparisons, Reflections and Strategies*. Città del Vaticano: Edizioni Musei Vaticani, 2021. ISBN: 9788882714628. This volume publishes the proceedings of a meeting held at the Vatican Museums, Città del Vaticano, Italy, October 12, 2018. The papers have been organized into three main sections: the first deals with the experience of the Vatican Museums; the second presents the interventions conducted by some of the world's major museums; and the third gathers reflections on the practice of preventive conservation.

Currie, Christina, et al. *The Bruegel Success Story: Papers Presented at Symposium XXI for the Study of Underdrawing and Technology in Painting*, Brussels, September 12-14, 2018. Leuven: Peeters, 2021. ISBN: 9789042943322. The idea for the Bruegel Success Story Colloquium took root at the Royal Institute for Cultural Heritage in Brussels, where Bruegel's painting, the Dulle Griet, was being restored in preparation for the Bruegel exhibition at the Kunsthistorisches Museum in Vienna in 2018-19. The papers published in this volume cover the restoration of the painting Dulle Griet, as well as topics of making, meaning, and copying in the works of Pieter Bruegel the Elder.

Harris, Donna Ann. *New Solutions for House Museums: Ensuring the Long-term Preservation of America's Historic Houses*. Second edition. Lanham, Maryland: Rowman & Littlefield, 2021. ISBN: 9781538120064. This substantially enlarged and expanded second edition of *New Solutions for House Museums* provides advice for historic site stewards who have concerns about the financial sustainability of their historic house museum and its relevance to its local audience. Seven new case studies have been added for the second edition.

Hayes, Matthew. *The Renaissance Restored: Paintings Conservation and the Birth of Modern Art History in Nineteenth-century Europe*. Los Angeles: Getty Conservation Institute, 2021. ISBN: 9781606066966. This book explores the complex relationships between two disciplines that were in flux in 19th-century Europe: The history of art, in particular that of the Italian Renaissance, and the restoration of paintings. It is a revision of the author's 2017 doctoral thesis (Institute of Fine Arts) and was funded in part by a FAIC Samuel H. Kress Conservation Publication Fellowship.

Liu, Jian, Yehong Wang, and Feng Zhao. *Qianlong se pu: 17-19 shi ji fang zhi pin ran liao yan jiu yu yan se fu yuan / The Qianlong Palette: The Research on Dyes in the 17th-19th Century Textiles and Reconstitution of the Qing Dynasty Colors*. Hangzhou Shi: Zhejiang da xue chu ban she, 2020. ISBN: 9787308201322. This volume analyzes the historic textile dyes of the Qing dynasty.

Marko, Ksynia, and Helen Wyld. *Woven Tapestry: Guidelines for Conservation*. London: Archetype Publications, in association with the National Trust, 2020. ISBN: 9781909492721. This book is a comprehensive technical manual for the care of historic tapestries. Chapters cover the techniques of tapestry manufacture, agents of deterioration, and current methods of cleaning and of support and repair.

Odler, Martin, and Jiří Kmošek. *Invisible Connections: An Archaeometallurgical Analysis of the Bronze Age Metalwork from the Egyptian Museum of the University of Leipzig*. Summertown, Oxford: Archaeopress Publishing Ltd, 2020. ISBN: 9781789697407. The

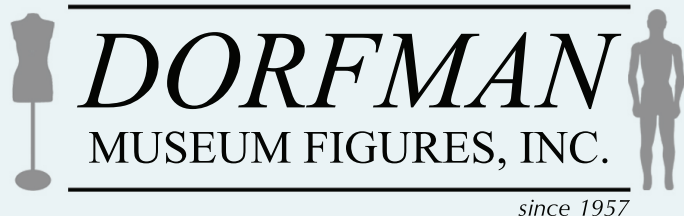
Egyptian Museum of the University of Leipzig has the largest university collection of ancient Egyptian artefacts in Germany. A selection of 86 artifacts from this collection was analyzed using a range of archaeometallurgical methods (X-ray fluorescence, metallography, neutron activation analysis, lead isotope analysis). This volume publishes the results of the analyses, providing a diachronic sample of Bronze Age Egyptian copper alloy metalwork from Dynasty 1 to Dynasty 19.

Payne, Emma M. *Casting the Parthenon Sculptures from the Eighteenth Century to the Digital Age*. London; New York, NY: Bloomsbury Academic, 2021. ISBN: 9781350120341. This book examines the role of 19th-century casts as an archaeological resource and explores the impact of their materiality and spread on the reception of the Parthenon sculptures and other Greek and Roman works. Investigation of their historical context is combined with analysis of new digital models of the Parthenon sculptures and their casts.

—Sheila Cummins, Collections Development Librarian, Getty Conservation Institute,
scummins@getty.edu

People

Joanne Hackett ACR has joined the team at the University of Glasgow teaching textile conservation in the MPhil program. She was formerly Section Leader of Textile and Fashion Conservation at the Victoria and Albert Museum (V&A) and had been with the V&A for 14 years. She will be teaching at the university while concurrently studying for a Post Graduate Certificate in Advanced Practice and is looking forward to being both a teacher and a student once again. She hopes to pursue research into the cleaning of PVC and polyurethane in textile collections and she is also working on building effective pressure mounting systems. Joanne can be reached at Joanne.Hackett@glasgow.ac.uk.



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Allied Organizations

NEW FORUM: OWHvoices

OurWorldHeritage (OWH) is an organization formed by colleagues concerned about the conservation of world heritage sites. OWH provides and fosters open dialogue platforms that are equally based on voluntary work of session organizers, speakers, and moderators. Visit the organization at <https://owhvoices.org>.

OurWorldHeritage has launched OWHvoices, an open platform for people to comment on the 44th Session World Heritage Committee, which was held July 16-31, 2021. OWH welcomes world citizens' information and viewpoints on the State of Conservation and Sites in Danger reports under review at this meeting. Participants may also add any other world heritage-related topic.

Users must register to participate online and review the rules. They may also participate through Instagram by using specific tags in posts. OWH hopes that use of this multilingual platform and social media on and around the 44th Session will improve community awareness, increase credibility, and provide for broader communication about the issues on the World Heritage Committee agenda.

OWH is also hosting the OurWorldHeritage Foundation (OWH) #2021debate, a series of twelve themes relevant to the 1972 World Heritage Convention and its upcoming 50th anniversary. #2021debate recently completed six months of seminars with over 600 speakers and panels engaging thousands of participants. To participate, please visit their website to register.

OurWorldHeritage and OWHvoices do not have official connections to UNESCO, State Parties, or the Advisory Bodies. Questions about OWHvoices can be sent to owhvoices@gmail.com.

—Debbie Hess Norris, dhnorris@udel.edu



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Conservation Graduate Programs

University of Pennsylvania, Stuart Weitzman School of Design, Graduate Program in Historic Preservation

Conservation in its broadest context takes on renewed urgency in these times of unprecedented social and environmental change. Every society interprets and cares for its inherited environments in its own way, yet heritage, while often celebrated, is always contested. At the Weitzman School of Design, historic preservation engages in the complex, long-term challenges of understanding, designing, imagining, and managing the historic built environment. As scholars, we are dedicated to advancing knowledge for the field; as practitioners, we take on applied research where important heritage is at risk, testing new methodologies and ideas, and working collaboratively to demonstrate the power of preservation to contribute to the public good. Since its creation in 1981, the program has seen enormous growth and development in all areas of thought and practice. Its core curriculum continues to provide the fundamental framework that defines the contemporary field while allowing students to specialize in concentrations that define professional practice in Architectural Conservation, Preservation Planning, Public History and the Built Environment, and Preservation Design.

The year 2021 marks the program's 40th anniversary. Our incoming class of 37 master of science students is the largest in the history of the program, with approximately half hailing from China, India, Latin America, the Philippines, Canada, and Iran, bringing an even greater representation of academic backgrounds and interests. We are excited to welcome our first cross-disciplinary PIK (Penn Integrates Knowledge) professor, Dr. Lynne Meskell, who will offer new courses and research bridging the departments of Historic Preservation, Anthropology, and the Penn Museum. Her seminars will address international heritage in conflict and the politics of reconstruction. Dr. George Wheeler will also return to lead Conservation Science in our expansive new conservation lab; and Brent Leggs, Executive Director of the African American Cultural Heritage Action Fund, will co-teach with Randall Mason and Pamela Hawkes in the Preservation Studio, collaboratively focusing on sites of the civil rights movement with Tuskegee University. In the spring, Irene Matteini will join Frank Matero in a seminar on Concrete and the Recent Past, and Dr. Elizabeth Milroy will lead Public History and the Built Environment, a signature course of the newly revised Public History concentration. Finally, the creation of our Master of Science in Design, with a concentration in historic preservation for practicing professionals, promises to influence the next generation of designers as the field pays greater attention to the importance of sustainability and heritage places worldwide.

Research remains a cornerstone of Penn's historic preservation program. The Center for Architectural Conservation and the new Center for the Preservation of Civil Rights Sites have expanded the program's reach and influence, providing a dynamic complement to teaching through preservation praxis and research. Our partnerships with national and international institutions have enhanced our ability to collaborate locally and globally on the most pressing issues, including climate change and social and environmental justice, while providing students with field-based experience through our summer internships and third year post-graduate externships. For more information on the program, its curriculum, and research activities, see: <https://www.design.upenn.edu/historic-preservation/historic-preservation>.

—Frank G. Matero, Professor and Chair, Graduate Program in Historic Preservation Weitzman School of Design, University of Pennsylvania, fgmatero@design.upenn.edu

Specialty Group & Networks

Book & Paper Group (BPG)

I am delighted to welcome our newly elected Secretary-Treasurer Marieka Kaye and Assistant Program Chair Morgan Browning to the BPG Executive Council. In their own words, they introduce themselves below.

—Melissa Tedone, BPG Chair, melissatedone.bpg@gmail.com

BPG SECRETARY-TREASURER, 2021-2023

Marieka Kaye, Head, Conservation & Book Repair, University of Michigan Library

When asked to introduce myself to the BPG membership as the new secretary/treasurer, I must first reflect on all the ways I've benefited from AIC since first joining as a student entering the Buffalo graduate program in 2003. In nearly two decades since that time, I've benefited greatly from the workshops, scholarships, and educational information provided by our organization. I've gone on many adventures because of these opportunities and learned a tremendous amount.

Seeking ways to give back, I served as a co-chair for the BPG's Archives Conservation Discussion Group, where I organized groups of book and paper conservators to conduct vibrant and informative sessions at the annual meetings. I've continued to remain an active member by attending meetings, participating in discussion panels, organizing events, and publishing proceedings and papers. Apart from AIC-related activities, I take great pleasure in mentoring the next generations of conservators, making sure my lab at the University of Michigan Library remains an open and welcoming teaching/learning space for pre-program, graduate, and post-graduate students and conservators.

After becoming a Fellow member a few years ago, I wished to do a bit more to support the organization in which I've participated and grown for so long. Running for my position on the BPG Executive Council was a focused way to give back, and I'm honored to be chosen to carry out this role for the next two years. I look forward to making sure our specialty group stays organized and informed, especially as we emerge from the pandemic.

Aside from assisting with all the BPG programming tasks in my role, I feel it's a very important time to be a part of our organization as it grows in new directions. As the leader of conservation treatment for my library, I think of new ways to approach collections and treatments that may not have been considered previously. I'm inspired to see this same drive for change in the ways AIC is exploring its approach to membership, education, and the future of our profession. Diversity, equity, inclusion, and access are now instilled in my library's core values, but it has long been neglected in many areas of our work. Personally, as a part of an incredibly complex, multi-ethnic, and multi-racial family, it has never been under my radar. While my role on the BPG Executive Council may seem unrelated to dismantling oppressive systems, it is a part of everything I do, see, and think about and will be carried with me as I serve BPG membership during my term.

BPG ASSISTANT PROGRAM CHAIR, 2021-2022

Morgan Browning, Senior Paper Conservator, National Archives and Records Administration

During my twenty-plus years in the field, being a member of AIC has provided me with numerous networking and educational opportunities from which I have benefitted greatly. Having spent the bulk of my career at the bench, I welcomed the chance to branch out professionally and run for a position. It's an honor to be elected to serve as a member of the BPG Executive Council, and I am very much looking forward to giving back to AIC by serving as assistant program chair.



BPG Online

Find BPG information at
[www.culturalheritage.org/
book-and-paper-group](http://www.culturalheritage.org/book-and-paper-group)

I am currently a senior conservator at the National Archives in Washington, DC, where I have worked since 2006. I also work privately for a wide variety of private and institutional clients. Except for a few years spent in Canada and Philadelphia, I've spent most of my career in DC, where I was first introduced to the field while working as a staff assistant at the National Gallery of Art. That led to pre-program opportunities at several private and institutional labs before entering the graduate program at Queen's University in 2001. Before joining the National Archives, I held positions at the Conservation Center for Art and Historic Artifacts and the National Portrait Gallery.

It is an exciting time to be a member of AIC. I am very impressed by how AIC is exploring ways to become a more inclusive organization that is more responsive to its membership. As assistant program next year and program chair in the year following, I look forward to actively engaging with the members to provide informative and balanced programming that meets the professional needs of our diverse community.

Collection Care Network (CCN)

Materials Working Group (MWG) Meeting, November 9-10, 2021

The MWG Steering Committee is pleased to announce the 4th Annual Materials Selection & Specification Working Group Meeting, to be held online on November 9 and 10, 2021.

Formed in 2018, the MWG is a community of collection care, conservation, natural and applied science, and allied professionals united in developing guidelines and best practices for selecting, evaluating, and disseminating materials used in collection care. The November meeting will follow a similar structure of previous meetings to include collaboration, updates on subcommittee work, and breakout sessions for developing content to help choose appropriate materials for use with cultural heritage collections. The program is in development but is planned to cover two full days of content. The meeting will focus on specific task-based subcommittee work, including materials testing, analytical instrumentation, exhibition guidelines, materials fact sheets on CAMEO, outreach resources, bibliographic references, and more.

For more information on the MWG, its mission, and working group activities, please visit the group's page on the [AIC Wiki](#). If you are interested in learning more about the MWG, potentially participating in the upcoming pre-sessions or November meeting, please contact the MWG Chair Rebecca Kaczowski at aic.mwg@gmail.com, using: "MWG 2021 Meeting" in the subject line.

Upcoming Conferences of Interest

Pest Odyssey 2021 - The Next Generation, September 20-22

ICON (UK) will host a virtual conference on IPM, sustainability, and climate change.

Doing History/Doing Justice, September 22-25 (in-person); October 12-15 (online)

This year's meeting, organized by the American Association of State and Local History (AASLH), will be split into two conferences with the same theme. The retreat-style September conference is based in Little Rock, Arkansas, and includes a full-day workshop in identifying preservation needs while cataloging, and an interactive session on how to clean museum objects. The annual conference is being held online October 12-15, 2021.

PastForward 2021: Lead the Change, November 2-5

The National Trust for Historic Preservation Annual Meeting is an online conference that will focus on three subthemes relating to preservation: promoting equity through historic preservation, sharpening essential practices of preservation, and adapting to a changing climate.



CCN Online

Find CCN information at
[www.culturalheritage.org/
collection-care-network](http://www.culturalheritage.org/collection-care-network)

7th Annual Repatriation Conference, November 3, 10, and 17

Join tribal representatives and spiritual leaders, museum professionals, and other NAGPRA practitioners for the Association on American Indian Affairs conference which will be hosted entirely online.

Upcoming Webinars and Trainings

ARCS Webinar Series: Collection Emergencies, September 7-November 2

The Association of Registrars and Collections Specialists (ARCS) will be running this webinar series on emergency response, which is a series of five webinars covering emergency preparation and response.

Tech Focus IV: Caring for 3-D Printed Art, October 25, 27, and 29

FAIC is hosting the virtual symposium, organized by EMG and supported by NEA.

East Coast Rigging Workshop, December 3-4

Preparation, Art Handling, Collections Care Information Network (PACCIN) is holding this workshop for art handlers and preparators at the Delaware Art Museum.

Virtual Courier Work

CCN is creating a resource on the AIC Wiki to compile virtual courier resources. We are still looking for submissions of:

- › Examples of institutional courier policies: Lists of tools (cameras, lights, rolling camera stands, etc.) and communication platforms (Zoom, Slack, WhatsApp, etc.) utilized for virtual courier appointments.
- › Suggestions for ways to track and categorize the new increase in time spent preparing loan documentation, reinforced mounts, instruction install videos, etc.
- › Suggestions about timelines/processes to prepare for virtual courier trips.

If you have a submission or would like to discuss the wiki content further, please contact Laura Gaylord Resch at collections@culturalheritage.org.

—Wendi Field Murray, CCN Editor, wmurray01@wesleyan.edu

Electronic Media Group (EMG)

Get Involved - September 2021

Volunteer opportunities abound this year!

- › Spaces are available on the EMG Nominating Committee, which recommends candidates for open officer positions in upcoming elections and has a valuable role in steering the future of EMG.
- › For those interested in the *Electronic Media Review*, Meaghan Perry (EMR Editor) and Sasha Arden, (Assistant Editor), request volunteers to help upload edited conference papers to the EMR website and review the status of previously posted papers. This is a wonderful opportunity for anyone curious about the process of editing and publishing EMG papers (and a great way to make time to read them!).
- › As a reminder, the Programming Committee still has open spots. Volunteers will work with Brian Castriota (Program Chair) and Diego Mellado (Assistant Program Chair), to review abstract submissions for the EMG sessions and organize the final program.
- › Next year the officer positions of chair, website director, and assistant program chair will be open for elections. If you are interested in becoming an officer, volunteering in one of the above committees or for the EMR review is an excellent way to learn more about how EMG operates before running for an officer position.



EMG Online

Find EMG information at
[www.culturalheritage.org/
electronic-media-group](http://www.culturalheritage.org/electronic-media-group)

If you have any questions about these volunteer roles or wish to express your interest in any of them, please email electronicmediagroupaia@gmail.com and we'll direct your message to the appropriate person.

TechFocus IV

A reminder that TechFocus IV: Caring for 3D Printed Art will be a virtual event, taking place October 25, 27, and 29, 2021 from 11:00 a.m. to 3:00 p.m. ET. Registration is \$99 for AIC members, \$125 for non-members, and \$75 for students. The program includes participation in the live sessions, access to the session recordings, and a complimentary 3D-printed sample set if you register by September 1 (international participants must pay a \$10 shipping fee to receive the sample set). Register and view the program for the workshop here: <https://learning.culturalheritage.org/p/techfocus-iv>.

Information about past TechFocus workshops is available at: <https://resources.culturalheritage.org/techfocus/>.

2022 AIC Annual Meeting

Please find the EMG call for papers on the Specialty Sessions page at www.culturalheritage.org/meeting-specialty-call. Remember to submit your abstract by September 17th!

—Kristin MacDonough, EMG Chair (2020–22), kmacdo2@artic.edu

Emerging Conservation Professionals Network (ECPN)

2021 AIC Annual Meeting

During this year's virtual meeting, ECPN strove to utilize online platforms to deliver educational content and establish peer-to-peer connections. We could not have achieved these events without the support of the Getty Foundation. ECPN hosted a moderated panel on *Conservation in a Changing World*, with panelists Sanchita Balachandran, Joy Bloser, Kris Cnossen, Anisha Gupta, and Glenn Wharton, and moderated by Jessica Betz Abel. We also hosted a Poster Session featuring posters by Caitlin Richeson, Michaela Paulson, and Ashley Stanford, and a virtual Information Session and Town Hall.

Thank you to all involved for making our virtual session a success, with special thanks to Ruth Seyler, Kate Lee, and all our attendees for their energy and enthusiasm.

New Liaisons

ECPN is excited to welcome our new Regional Liaisons. With the addition of these new liaison members, ECPN expands our Regional Liaison program to new geographic regions and cities not previously represented.

Join us in welcoming our new liaisons:

- › Alayna Bone (New York City, NY)
- › Anna Connolly (Atlanta, GA)
- › AnnaLivia McCarthy (Philadelphia, PA)
- › Emma Cieslik (Washington, DC)
- › Emma Ross and Sydney Collins (San Francisco, CA)
- › Gabrielle Rucker (St. Louis, MO)
- › Kate Breitenstein and Tatianna Shannon (Boston, MA)



ECPN Online

Find ECPN information at www.culturalheritage.org/emerging.

- › Marissa Bartz and Elena Mars (Cleveland, OH)
- › Monica Argumedo Rendon (Houston, TX)
- › Perrine Le Saux (Williamsburg, VA)
- › Pilar Brooks (Orlando, FL)
- › Sarah Fields (Hanover, NH)
- › Sarah Linder (Columbia, SC)
- › Sophie Church (Tucson, AZ)

All contact information for Regional Liaisons is listed [here](#).

Please check the [ECPN subsite](#) to contact liaisons directly or view current liaison vacancies if you're interested in volunteering.

Retrospective of the Great Recession Survey Report

Last year, ECPN Graduate Program Liaisons and ECPN Regional Liaisons submitted COVID-19 questions to share with mid-career conservators who graduated during the Great Recession of 2008. These questions and the mid-career professionals' anonymous responses were summarized in a [blog post](#) and released on AIC's online member community.

Podcast Series Season 2

Conservators Combating Climate Change returned for a second season with co-host and founder Natalya Swanson joined by Marie Desrochers. This season, the focus is on the intersectional nature of sustainability work and includes conversations with heritage and environmental conservators, educators, architects, and engineers about ongoing collaborative projects. Ten new episodes were released weekly throughout April and May, so subscribe and tune in on <https://anchor.fm/conservatorscombatingcc>.

Questions about ECPN? Want to get involved? Feel free to reach out to ecpn.aic.communications@gmail.com.

—Jessica Betz Abel, Chair, ecpn.chair@culturalheritage.org

Objects Specialty Group (OSG)

2021 AIC/SPNHC Joint Virtual Annual Meeting

Wow! A second virtual annual meeting is now behind us. OSG had three wonderful sessions plus a joint session with SPNHC. All the talks were wonderful and if you have not yet had a chance to listen to them, they are still available through the AIC website through October 31. Thank you to all of you who presented!

A huge thank you to Fran Ritchie, our outgoing Chair and current Chair Emeritus, for all her hard work. Fran fearlessly led us through two years of virtual meetings and has contributed so much to OSG over the last three years.

2022 AIC Annual Meeting

Now as we shift our sights to the future, incoming OSG Program Chair LeeAnn Gordon and Assistant Program Chair Madeleine Neiman have begun planning for AIC's 50th Annual Meeting in Los Angeles, California, May 13-17, 2022, with a meeting theme of: "Reflecting on the Past, Imagining the Future." Please see the call for submissions online at www.culturalheritage.org/abstracts. I am really looking forward to seeing you all in person in Los Angeles, what a celebration it will be!

If you have any questions or suggestions for OSG, please be in touch!

—Megan Emery, OSG Chair, memery@preserveart.org



OSG Online

Find OSG information at www.culturalheritage.org/objects-group

External Funding Resources

Our resource page for Grant and Fellowship Opportunities updated, thanks to Mary Del Vecchio, Museum Studies Student, with help and support from Mary Coughlin, Associate Professor in Museum Studies, head of Museum Collections Management & Care Online Program - The George Washington University, Washington, DC. Find information about funding outside of FAIC opportunities at www.culturalheritage.org/resources/funding/outside-funding-sources.

Columns not publishing in September

CANI, H&S Network, PSG, PMG, TSG, RATS, and WAG are not publishing in this issue.

Looking for professional development opportunities?

Calls for Papers, Conferences, Seminars, and Courses

are continually updated on our website at www.culturalheritage.org/allied-organizations-events.

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Advancing Collections Care



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The Back Page

Connecting to Collections Care Helps Inform Thousands of Small & Midsize Collection Caretakers

FAIC's Connecting to Collections Care (C2C Care) continues to serve small and mid-sized institutions through its various programming which includes webinars, online courses, a monitored discussion forum, and curated resources, all of which can be found at its website www.connectingtocollections.org.

Thus far in 2021, C2C Care's free monthly webinar series included the following topics:

- › Choosing Materials for Museum Storage
- › Identifying and Managing Hazardous Materials in Museum Collections
- › Collections Emergency Kits
- › What's Best for My Collection? New Approaches to Environmental Monitoring
- › REopening Archives, Libraries and Museums (REALM): Caring for Your Resources During COVID-19
- › Labeling Lightning Round
- › Care of Basketry

These webinars hosted audiences averaging more than 250 attendees per webinar. Two courses were also produced during the first half of 2021:

- › "Planning and Managing Magnetic Media Preservation Projects" was presented early this year to 47 participants.
- › "Health and Safety in Collections Care" was just completed with 35 registered participants.

Looking forward to the final months of this year, free webinars are being planned about reducing environmental impacts, care of painted surfaces, and long-term storage for vehicles; we are also creating a course on building collaborations between museums and indigenous communities that will run through October and November. Planning is underway for autumn workshops in conjunction with the New England Museum Association and the Association of Tribal Archives, Libraries, and Museums conferences. The former will be virtual, but the latter is currently planned as an in-person event.

—Robin Bauer Kilgo, *Connecting to Collection Care*
Coordinator, c2cc@culturalheritage.org

C2C CARE

IN 2020:



4,614 participants in
12 live webinars

457 posts from small and mid-
sized collecting institutions
in the online community



Exceeded **1,100**
registrations in 5
self-study courses

REPRESENTED AT

- SMALL MUSEUMS ASSOCIATION
- NEW ENGLAND MUSEUM ASSOCIATION
- AMERICAN ASSOCIATION FOR STATE AND LOCAL HISTORY

CONFERENCES

Participants in the live course
Physical Media to Digital Storage:
Migrating Audiovisual Files in
Museum Collections

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