



Research Update on Preparing Paper-based Objects for Transit and Display

This month, IPI Research Scientist Marvin Cummings will be presenting at the [Preparation, Art Handling, Collections Care Information Network](#) 2023 Crating + Packing Sustainability Webinar. His presentation will share initial field research findings for IPI's ongoing, multi-year research project [Cost-Efficient Preservation Methods for Preparing Paper-Based Objects for Transit and Display](#). IPI partnered with ten cultural heritage institutions to monitor internal and external temperature and relative humidity conditions for 19 shipping crates during 12 flights and 33 truck transits. Travel itineraries included travel to and from the US and Europe, Canada and Europe, and across the US. Our research aims to address the question: What are the most cost-efficient and environmentally responsible methods of preparing paper-based collection objects for transit and display while maintaining preservation standards?

Learn more about the PACCIN webinars in the Upcoming Events section below.



heritage

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Interpreting Environmental Data in Heritage Science

The IPI eClimateNotebook® Preservation Metrics were some of the earliest dose-response models developed for preservation, linking the rates of degradation and physical deformation to environmental variables and material properties. IPI's Emma Richardson, Director of Research, and Marvin Cummings, Research Scientist, in collaboration with Jean-Louis Bigourdan, Research Scientist Emeritus, recently published "Context, Development, and Intent: An Introduction to the IPI Preservation Metrics." The article was published in a special issue of *Heritage* an international, peer-reviewed, open access journal of cultural and natural heritage science with the theme interpreting environmental data in heritage science. In this review article, they revisit the original aims and applications of the IPI Preservation Metrics with a view toward aiding their interpretation and their practical application for managing collection environments alongside a discussion of their limitations.

[Read More](#)



Introduction to 3D Printing for Cultural Heritage Webinar

In August, IPI Research Scientist Meredith Noyes presented a webinar providing an "Introduction to 3D Printing for Cultural Heritage" as part of an ongoing research project titled [Foundational Research to Inform Preservation Guidelines for the Creation, Collection, and Consumption of 3D Printed Objects in Museums](#). The webinar provides an overview of 3D printing processes, terminology, commonly printed materials, and application areas within a cultural heritage setting. This project is funded by the Institute of Museum and Library Services and a recording of the webinar can be accessed free of charge.

[Access the Webinar Recording](#)

Upcoming Events

November 13, 15, and 17, 2023
1:00 PM - 5:00 PM EST (each day)
2023 Crating+Packing Sustainability Webinar

As museums and fine art services move to a more sustainable future for many aspects of their operations and practices, they have responded to the challenge in many ways. This free webinar will provide working examples of how some organizations have adapted new methods and materials in packing, crating, and transporting collections in a more sustainable way.

On November 17th at 1:00 PM EST, IPI Research Scientist Marvin Cummings will be presenting: *Interrogating the Preservation Performance of Crates in Transit: Environmental Monitoring of Crates During Land and Air Transit to Assess Thermal Insulation and Moisture Buffering Capabilities of Different Crate Design and Materials*

[More Information and Registration](#)

Funding Opportunities

Sustaining Cultural Heritage Collections

The next round of applications to the [Sustaining Cultural Heritage Collections \(SCHC\)](#) grant program in the Division of Preservation and Access at the National Endowment for the Humanities are due **January 12, 2024**. This important program offers funding to support sustainable preventive conservation strategies in cultural institutions. IPI environmental consulting services have been a component of many successful SCHC projects. If you are considering submitting a proposal that requires environmental consulting services, [please contact us](#).

Preservation Assistance Grants for Smaller Institutions

January 11, 2024 is the deadline for submitting applications to [Preservation Assistance Grants](#). If you are considering applying for funding to support collaborations with preservation professionals about establishing environmental monitoring programs or improving preservation environments and have questions about IPI's services in these areas [please contact us](#).



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The Image Permanence Institute® (IPI) is an academic research center within the College of Art and Design at Rochester Institute of Technology (RIT) dedicated to supporting the preservation of cultural heritage collections in libraries, archives, and museums around the world.

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