

Job Opportunity: Sustainable Preservation Specialist

For more than two decades IPI's research agenda has informed [sustainable preservation practices](#), specifically in environmental management of collections spaces. Dissemination of those research findings has included the development of new resources and tools for the field, as well as consulting services and education programs. IPI is looking for an early- to mid-career professional interested in furthering, and expanding, IPI's sustainable preservation consulting and education programs as our new Sustainable Preservation Specialist. The successful candidate will partner with a wide range of collecting institutions on best practices for sustainable environmental management through consulting, educational programming, and technical support activities using existing IPI resources and tools. They will join a [small team of experts](#) working in a collaborative, university work environment, and also contribute to IPI's research initiatives and the development of new consulting activities, educational programs, and preservation resources.

[Learn more about the position \(RIT Career Zone, 7893BR\) and apply](#)

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New Version of eClimateNotebook

A new version of eClimateNotebook, including an enhanced data uploader, streamlined data management pages, responsive/mobile friendly design, and improved education resources will be launched in late summer 2023. In the new version of eClimateNotebook each subscription level will have access to all the features and functionality eClimateNotebook has to offer. A new pricing model will accompany this launch and additional information will be emailed to current subscribers in the weeks ahead.

If you are an eClimateNotebook subscriber, you will automatically receive updates about the forthcoming new eClimateNotebook launch. If you are not currently a subscriber, but would like to receive additional information, [sign up here](#).



Research Update on Integrating Risk Assessment for Pollutants into Energy-saving Strategies

In February, three partner institutions collaborating with IPI on the NEH-funded research project *Integrating Risk Assessment for Pollutants into Energy-saving Strategies* implemented their first winter energy-saving strategy, including fan speed reductions and one full system-shutdown. In each case, collections care and facilities teams worked together to coordinate the HVAC modifications and the IPI project team monitored the pollutant, temperature, relative humidity and energy data remotely, in real-time. Initial results indicate that pollutant levels remained stable during the test periods and did not exceed those detected during the baseline year of monitoring. Further testing will continue during the summer to understand what impact modifications to the HVAC system operations may have on pollutant, temperature, and relative humidity conditions when the outdoor climate is warmer and more humid.



Free Webinar: Introduction to 3D Printing for Cultural Heritage

As part of our ongoing research project *Foundational Research to Inform Preservation Guidelines for the Creation, Collection, and Consumption of 3D Printed Objects in Museums* IPI Research Scientist Meredith Noyes will present an introductory webinar on 3D printing for preservation professionals. Information covered will include an overview of 3D printing processes, terminology, commonly printed materials, and application areas within a cultural heritage setting. This webinar will also discuss findings from a [recent field-wide survey on 3D printing and 3D printed objects in collecting institutions](#) and highlight ongoing research at IPI in this area. There is no registration fee for this webinar, thanks to support from the Institute of Museum and Library Services.

[Register for the Webinar](#)

Upcoming Webinars

For our upcoming webinar series [we recommend facilities and collections staff attend each webinar session together](#) to establish regular team meetings for newly formed environmental management teams, or to strengthen and refresh fundamental knowledge amongst established teams. **Note:** *Each team requires only one registration when team members access the webinar together.*

July 20, 2023

Webinar: Managing Storage Environments, Part I: Understanding How Environmental Conditions Influence the Preservation of Collections

Environmental data informs storage environment discussions and decision making. This webinar will discuss the role of temperature, relative humidity, and dew point on defining the preservation quality of a collections storage environment. It will also address the basics of how indoor environmental conditions are achieved.

[More Information and Registration](#)

August 10, 2023

Webinar: Managing Storage Environments, Part II: Implementing Environmental Monitoring Programs

Environmental data informs storage environment discussions and decision making. This webinar will discuss the fundamentals of implementing environmental monitoring programs and introduce factors to consider when analyzing environmental data. Best practices for using IPI's Preservation Metrics to assess collection risks will be discussed in greater detail in our Preservation Metrics webinar series (see September 20th and October 12th events listed below).

[More Information and Registration](#)

August 31, 2023

Webinar: Managing Storage Environments, Part III: Administering a Sustainable Environmental Management Program

Monitoring temperature and relative humidity conditions alone will not improve preservation environments or the longevity of collections. Environmental management includes analysis and interpretation of the environmental conditions recorded and the implementation of improvements as necessary. This webinar will discuss how environmental management teams can prepare for evaluating the potential for testing and implementing energy-saving strategies in collections storage spaces. Additional information on this topic is available in *IPI's Methodology for Implementing Sustainable Energy-Saving Strategies in Collections Environments*.

[More Information and Registration](#)

September 28, 2023

Webinar: Best Practice for Using the IPI Preservation Metrics to Assess Risk in Organic Collections, Part I: Chemical Change

This webinar will discuss: 1) the origins of the IPI Preservation Index and Time Weighted Preservation Index, 2) how to apply these metrics in practice to assess the risk of chemical change in organic materials posed by different environmental conditions, and 3) highlight their limitations to ensure they are appropriately used for collection management.

[More Information and Registration](#)

October 12, 2023

Webinar: Best Practice for Using the IPI Preservation Metrics to Assess Risk in Organic Collections, Part II: Mechanical Damage

This webinar will discuss: 1) the origins of the IPI % Equilibrium Moisture Content and % Dimensional Change metrics, 2) how to apply these metrics in practice to assess the risk of mechanical damage to organic materials posed by different environmental conditions, and 3) highlight their limitations to ensure they are appropriately used for collection management.

[More Information and Registration](#)

Upcoming Workshops

July 27, 2023

Workshop: ISO Testing and the Photographic Activity Test (PAT)

Location: Image Permanence Institute, Rochester, NY

The Photographic Activity Test (PAT) is an international standard widely applied within the cultural heritage field to predict possible chemical interactions between photographs and their enclosure materials (e.g. albums, frames, storage materials) after prolonged contact. This workshop will provide an overview of the importance of materials testing with particular regards to the PAT, including the test's history, development and application, how it is run, and interpretation of results.

[More Information and Registration](#)

October 24-25, 2023

Workshop: Photographic Process Identification

Location: Image Permanence Institute, Rochester, NY

The history of photography includes almost 200 years of generating objects that have many similar visual characteristics, but that were made using a wide range of different technologies and materials. When examining a photograph, viewers must evaluate the clues that the physical object itself presents to properly identify the photographic process(es) used to create the photograph. This skill—which is described in shorthand as 'process identification'—is something that each new generation of scholars and collections stewards must develop for itself. This workshop will teach participants the tools and skills necessary for successful photographic process identification using a structured methodology and controlled vocabulary for organizing visual information, hands-on practice examining 19th, 20th, and 21st century processes from IPI's study collection, and instruction on how to use www.graphicsatlas.org as a reference resource for identification.

[More Information and Registration](#)

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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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