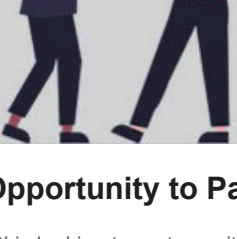


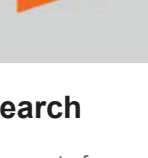
Dr. Emma Richardson Appointed Director of Research

IPI is thrilled to announce that Dr. Emma Richardson will start her role as Director of Research in July 2021. Emma is the first to hold this new leadership position, responsible for guiding IPI's research agenda. Emma brings extensive research and leadership experience in the applied sciences, and an impressive professional record in higher education with a focus on cultural heritage. Prior to her appointment at IPI, she held the position of Group Lead for Analytics and Modelling within the Department of Data Science, National Physical Laboratory (NPL), the UK National Measurement Institute. Before joining NPL, she was Associate Professor of Materials and Head of the Material Studies Laboratory in the Department of History of Art, University College London. She has also held posts as Research Fellow at the Getty Conservation Institute and Conservation Research Scientist at The National Archives UK, working with diverse museum and archive collections.

As Emma prepares to join IPI this summer, she shared the following: "with the Image Permanence Institute playing such a pivotal role in developing the field of preservation science, I am honoured to be taking up this new position and for the opportunity to help guide IPI's next chapter. IPI is ideally positioned within a cross-disciplinary academic institution and I look forward to harnessing this through collaborations across the social and physical sciences with a view to shaping and evolving preservation practice."



Research Partnership Opportunity



Opportunity to Partner with IPI on Pollutant Research

IPI is looking to partner with three collecting institutions in North America as part of a three-year research project, *Integrating Risk Assessment for Pollutants into Energy-saving Strategies*, funded by the National Endowment for the Humanities (NEH). The project involves two years of field research focused on monitoring room-level pollutant concentrations while implementing energy-saving strategies for mechanical system operation. This is an exciting opportunity for participants to engage in collaborative research with external experts, gain valuable project insights into the presence of pollutants within a storage space, and benefit from energy monitoring and the implementation of energy-saving operations for improved preservation, cost savings, and reduced carbon footprint.

Partner institutions will collaborate with the IPI project team to monitor temperature, relative humidity, pollutant levels, and energy usage in a collection storage space over two years. To ensure field-research goals can be met, partners will be identified through an application process. To be considered, partner institutions must have a collection storage space with a dedicated mechanical system capable of being programmed (i.e. BMS equipment). Monitoring equipment will be provided.

[Read more and apply](#)



Achieving Preservation Environment and Sustainability Goals

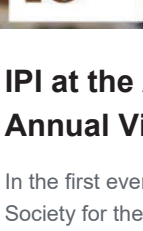
Many collecting institutions are looking for new solutions to achieve preservation environment and sustainability goals in response to changes brought on by the pandemic. IPI consultants provide research-based guidance to collections and facilities staff working to safely and more sustainably manage preservation environments, and will work with you on:

- preservation environment training
- starting an environmental monitoring program
- analyzing environmental data in [eClimateNotebook®](#)
- establishing an environmental management program
- evaluating the performance of mechanical systems
- implementing energy-saving strategies

IPI offers a range of remote and onsite consulting and preservation training options. [Contact us to start a conversation](#) about how IPI can assist with achieving your short-term or long-term preservation environment and sustainability goals.

2021 AIC/SPNHC Joint Virtual Annual Meeting

May 10-June 24



Transform 2021



IPI at the American Institute for Conservation's 49th Annual Virtual Meeting

In the first ever joint meeting of the American Institute for Conservation (AIC) and The Society for the Preservation of Natural History Collections (SPNHC), two organizations with many complementary interests, we are happy to announce that IPI staff will be presenting in two sessions. For more information on the meeting and how to register, visit the [conference website](#).

Monday, May 24, 2021

1:55-2:05 PM EST

Examination of the Effects of Various Water Emergency Scenarios on Inkjet Prints Past to Present

Presented by Daniel Burge, Senior Research Scientist

Abstract

Over the last three decades, large numbers of inkjet-printed photographs, fine art prints, mixed-media works, artist books, etc. have been acquired by museums and other cultural heritage collections. Institutional personnel are typically not well informed on the nature of these materials nor trained how to properly care for them, including how to prevent or respond to damage caused by flood or other water emergencies. This project was initiated to fill that knowledge gap and provide collection care personnel with the information and tools they need: first, to minimize risk of damage; second, to respond most efficiently during the event; and third, to retrieve and stabilize exposed materials following such unfortunate events. Experiments included total print immersion, edge-only and small droplet wetting, variations in immersion times from initial wetting to seven days, dimensional changes both wet and dried, dirty and salt water exposures, rinsing and excess water removal by blotting or wiping, colorant transfer, stacked prints both in direct contact and interleaved, and time to air-dry at various relative humidity. Finally, a set of best practices was drafted that includes precautionary tips, guidelines for response prioritization, recommendations for staging and rinsing, as well as suggestions for handling during salvage and air drying of the damaged materials. This information is now available for free on the existing IPI [Digital Print Preservation Portal website](#). This work is especially important given the likelihood of increasing number and severity of rain and flood events expected due to climate crisis.

[Read More](#)

Monday, June 14, 2021

12:00-12:30 PM EST

Evaluating the Effects of COVID-19 Changes in Mechanical System Operation on Collections Environments

Presented by Kelly Krish, Preventive Conservation Specialist

Abstract

The onset of the COVID-19 global pandemic forced many institutions to implement changes in the operation of their mechanical system(s) as a result of reduced occupancy, to save money, or to slow the spread of the virus. These changes, from complete system shutdowns during lengthy closure periods to using increased amounts of outside air during humid summer months, had often not been previously tested. Depending on the specific situation, these actions can have significant impact on the short-term quality of a preservation environment but can also inform the long-term planning and future of sustainability within cultural heritage. The Image Permanence Institute (IPI) set out to: 1) evaluate the effects of these changes with respect to their impact on preservation, and 2) to share with the field how to best use this information to enact long-term changes that improve both preservation and sustainability. An online survey collected data about topics including: pre-existing emergency plans for mechanical system adjustments, decision-making processes pertaining to mechanical system operation, institutional concerns associated with changes made, and the observed changes/impact to collections environments during closures. Evaluating this data provided insight into what a similar incident may mean to other institutions and how to avoid negative consequences when making emergency operational changes.

[Read More](#)

Upcoming Events

Free Webinars

Sustainable Preservation: Quick Tips and Approaches for Museums, Libraries, and Archives

Thursday, May 6th at 2:00-3:00 PM EST

Three cultural heritage professionals that represent a cross section of the field are joining the Image Permanence Institute to present quick tips and actionable approaches to environmentally sustainable preservation practices. As Principle and Cultural Sector Lead for Sustainable Museums, Sarah Sutton is an expert in how cultural heritage institutions can help address climate change. Angela Moore, Sustainability Coordinator for the Missouri History Museum, has expertise in sustainable facilities operations. Lab Manager for the UCLA/Getty Program in Conservation of Archaeological and Ethnographic Materials, William Shelley, incorporates sustainable approaches in conservation practices. Join us in honor of Earth Month as we highlight environmental stewardship and build awareness of sustainability efforts within the field.

[Register for the webinar](#)

Techniques for Evaluating Graphs of Environmental Data

Thursday, June 17th at 1:00-2:30pm EST

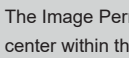
This webinar will introduce techniques for evaluating temperature, relative humidity, and dew point data presented on graphs generated by eClimateNotebook. Topics that will be addressed include how to recognize the impact of outside air usage, patterns that relate to occupancy issues, identifying high and low energy use scenarios, and what to expect when implementing energy-saving strategies. The goal is to help participants be more efficient at reviewing environmental data, able to recognize potential mechanical system problems, and how to determine action steps in response to data analysis.

[Register for the webinar](#)

Your gift matters.

As a non-profit research center, IPI depends on private and public philanthropy to fund its research program. You can support IPI's efforts to inform the preservation of collections in libraries, archives, and museums world-wide by making a donation today.

Make a Gift



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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