





WS3 - Workshop 3: Understanding the Role of Material Testing in the Preservation Design Process, Part 1

 Wednesday, November 20  8:00 AM - 4:30 PM  Location: Dupont  CE: 7.5

Workshop Organizer(s)



Lorraine Schnabel

Schnabel Conservation LLC



Chris Gembinski

Director of Technical Services
Building Conservation Associates, Inc.

Workshop Presenter(s)



Emily MacDonald-Korth

Founder, President, and Chief Conservator-Analyst
Longevity Art Preservation LLC



Christine Rupp

Executive Director
Dade Heritage Trust



Anne Sullivan, FAIA, FAPT

Principal
Sullivan Preservation



David Wessel, AIC, FAPT

Principal
ARCHITECTURAL RESOURCES GROUP

The two-day workshop will thoughtfully approach using materials analysis to inform preservation design. Through presentations with integrated case studies and practice using a local building, participants will explore universal issues related to materials testing. Specific topics will address: materials testing philosophy and methods; necessary research and survey before testing; sampling considerations; strategies for efficient data collection; the testing process and standardization in testing; interpretation of test results; communicating with the project team; data interpretation and using the results; and cost, budget, and schedule.

Learning Objectives:

- Understand the process of developing a thoughtful testing program including collaborative input from the Project Team: Owner, Architect, Conservator, Scientist, and Contractor.
- Explain what factors contribute to the selection of specific types of testing based on the observed conditions, client needs, project objectives, schedule, and available budget.
- Understand how to develop appropriate questions that materials testing can answer as they relate to the project, building and materials.
- Remember various approaches for testing, sampling, scientific processing and interpreting obtained data and communicating results and recommendations to the Project Team in lucid and useful reporting to move a Project forward.