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# Lurita McIntosh Blank

NCARB, RBEC, REWC, RRC, RWC, APT RP  
Principal

## About Lurita

Lurita McIntosh Blank has 17 years of architectural experience specializing in building enclosure consulting in the areas of masonry conservation, facade restoration, roofing and waterproofing investigation and repair design, and enclosure consulting and commissioning for new construction. She consults on related enclosure performance issues involving historic restoration design, adaptive reuse, and historic preservation.

Her portfolio of experience includes numerous National Register and National Historic Landmark properties across the nation, providing technical consulting to the balancing of materials and performance needs for enclosure rehabilitation and restoration. For new construction, she provides expertise in the integration of roofing and waterproofing systems with the vertical enclosure.

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## Education

Master of Architecture, 2017  
Boston Architectural College

Master of Science in Historic Preservation, 2008  
Columbia University

Bachelor of Arts in Art History, 2005  
University of Missouri-Kansas City

## Licensure | Certifications

Architect IL, AL, FL, IN, LA, MN, MO, MS, NE, ND, OH, OK,  
PA, TN, VA, and WI

National Council of Architectural Registration Boards (NCARB)  
Certificate Holder

Association for Preservation Technology International  
Recognized Professional (APT RP)

Registered Building Enclosure Consultant (RBEC)

Registered Exterior Wall Consultant (REWC)

Registered Waterproofing Consultant (RWC)

Registered Roof Consultant (RRC)

National Park Service 36 CFR Part 61—Historic Architecture  
(Qualified)

Construction Documents Technologist (CDT)

## Professional Affiliations

Association for Preservation Technology International (APT)  
Treasurer/Executive Committee, 2020-2022

Board of Directors, 2008 and 2011-2018

Conference Committee, Co-Chair, 2014-2018

Western Great Lakes Chapter, Vice President 2020-2022

Central Plains Chapter, Founding Member 2008 and  
Board of Directors, 2008-2014

Construction History Society of America (CHSA)

Preservation Trades Network (PTN)

Richard Morris Hunt Prize, Fellow, 2023



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## Honors & Awards

CAC-IIBEC, The Presenter of the Year Award, 2020

International Concrete Repair Institute, Award of Excellence for Masonry/Project of the Year Finalist  
Bethel Park, 2014

Preservation Houston, Good Brick Award Bethel Park, 2014

Downtown Alliance San Antonio, BEST Work in Progress Tobin Center for the Performing Arts, 2013

International Concrete Repair Institute, Award of Excellence for Masonry, Kansas City Municipal Auditorium, 2012

International Concrete Repair Institute, Award of Excellence for Masonry, St. Louis Union Station, 2010

*Masonry Construction*, Project of the Year in Historic Restoration, St. Louis Union Station, 2008

## Publications

"An Investigation of Suspected Salt Crystallization Deterioration of Fine-Grained Limestone Used as Architectural Cladding," STP 1628 *Dimension Stone Use in the Built Environment*, ASTM International, 2021.

"Thin Stone Veneers: The Development of Thin Stone Veneers from Mid-Through Late-Century Commercial Architecture," L.M. Blank and D.C. Fortino, *Applicator*, Winter 2020

"Wall Flashing: A Guide to Material Selection and Prevention of Water Leakage," L.M. Blank and D.C. Fortino, *Applicator*, Summer 2019

"Waterproofing the Building Enclosure: Deck Ventilation as a Retrofit Roofing Solution," *Architectural Roofing & Waterproofing / WC Architect*, May 2016

"Replacing a Failed Building Enclosure: A Challenging Canadian Case Study," *Proceedings of the 2015 IIBEC Building Envelope Symposium*, Nashville, TN, November 9-10, 2015

"Historic Masonry Restoration and Design-Build: Kansas City's Municipal Auditorium," *Proceedings of the 2015 12th North American Masonry Conference*, Denver, CO, May 18-20, 2015

"Dastardly Details, Terrible Transitions, and Wicked Waterproofing: What Happens When Nothing Works Right," *Applicator*, Winter 2015

"Not-So-Pretty in Pink: Death of a Thin-Stone Veneer," *Proceedings of the 2014 IIBEC Building Envelope Technology Symposium*, Tampa, FL, October 20-21, 2014

"Designed to Fail: Three Case Studies Illustrating Common Exterior Wall Practices Guaranteed to Leak," *IIBEC Interface*, Technical Journal of IIBEC, January 2014

"Thin Marble Facades: History, Evaluation, and Maintenance," *Proceedings of the IIBEC Building Envelope Technology Symposium*, San Diego, CA, October 26-27, 2009



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## Presentations

"A Comparative Analysis of Framing Practices of Vertical Log Structures in the Illinois Country," Construction History Society of America 8th Biennial Meeting, Champaign, IL, June 21-22, 2023.

"Reroofing a Vernacular Treasure: Roofing Replacement and Timber Truss Stabilization at the Bauvais-Amoureux House," SWR Institute Winter Technical Meeting, Honolulu, HI, Mar 7, 2023.

"An Investigation of Suspected Salt Crystallization Deterioration of Fine-Grained Limestone Used as Architectural Cladding," ASTM C18 Symposium on Dimension Stone Use in the Built Environment, New Orleans, LA, October 18, 2022.

"Evolution of Design Standards for Mid-Century Thin Marble Building Skins: 1940-1980," Construction History Society of America, 7<sup>th</sup> Biennial Meeting, Marietta, GA, June 3, 2022.

"Buried and Gone: Critical Moments in the Life of a Below-Grade Waterproofing System," Association of Licensed Architects Building Enclosure Event, Elk Grove Village, IL, May 24, 2022.

"Conducting Condition Assessments for Heritage Structures: Bequette-Ribault House," Southeast Missouri State University, Historic Preservation Field School, Ste. Genevieve, MO, May 23, 2022.

"Beauvais-Amoureux House: Changes Over Time Through the Physical Evidence," Southeast Missouri State University, Historic Preservation Field School, Ste. Genevieve, MO, May 20, 2021.

"Glass Fiber Reinforced Concrete (GFRC) v. Terra Cotta: A Panel Discussion," ICRI Chapter Meeting & Educational Seminar, L.M. Blank, Panelist, Schaumburg, IL, November 19, 2019.

"Historic Buildings: Reusing Existing Resources in 21st Century Development," Historic Buildings Symposium, L.M. Blank, Panelist, Oak Park, IL, May 23, 2019.

"Mid-Century Thin-Stone Veneers: Balancing Preservation and Public Safety," IIBEC Chicago Area Chapter, Spring Meeting & Program, Downers Grove, IL, May 10, 2019.

"Balancing Preservation and Public Safety for Midcentury Enclosures: A Zero-Sum Game?" AIA Detroit, BEC-Greater Detroit 10th Annual Enclosure Consciousness Symposium, Detroit, MI, October 16, 2018.

"Thin-Stone Veneers: When Performance, Preservation, and Public Safety Are At Odds," Association for Preservation Technology Annual Conference, Buffalo, NY, September 24-26, 2018.

"Roofing Technologies Seminar: Railings," International Concrete Repair Institute / IIBEC New York Chapter, Waterproofing Symposium, New York, NY, April 27, 2018.

"Survey and Inspection," International Concrete Repair Institute Metro New York, Terra Cotta Symposium, New York, NY, October 26, 2017.

"Replacing a Failed Building Enclosure: A Challenging Canadian Case Study," IIBEC Building Envelope Technology Symposium, Nashville, TN, November 9-10, 2015.

"Adapting Design-Build: Kansas City's Municipal Auditorium," Design-Build Institute of America ONE Conference, Kansas City, MO, April 16, 2015.

"Designed to Fail," SWR Institute Winter Technical Meeting, Miami, FL, March 9-10, 2015.

"Design-Build for Masonry Restoration: Challenges and Successes at the Kansas City Municipal Auditorium," International Concrete Repair Institute Fall Convention, Kansas City, MO, November 12-14, 2014.

"Not-So-Pretty in Pink: Death of a Thin-Stone Veneer," 2014 IIBEC Building Envelope Technology Symposium, Tampa, FL, October 20-21, 2014.