PERSONNEL QUALIFICATIONS

# Amy D. Gelsone | Associate Principal

## EDUCATION

- Harvard University
  - Bachelor of Arts, History of Art and Architecture, 2000
- University of Houston
  - Master of Architecture, 2008

## PRACTICE AREAS

- Building Enclosure Commissioning
- Building Enclosure Consulting
- Facade Assessment
- Litigation Consulting
- Nondestructive Evaluation
- Repair and Rehabilitation
- Water/Air Leakage Assessment

## REGISTRATIONS

- Architect in FL, NC, SC, and TX
- Certified Infrared Thermographer
- LEED Accredited Professional

## TECHNICAL COMMITTEES

- ASTM E06.55; E06.55.10, co-chair
- BEC - Austin Chap., board 2015–2019, vice chair 2017, chair 2018
- BEC - D.C. Chapter, vice chair 2012, chair 2013, past chair 2014
- BEC - Houston Chapter, board 2010–11
- BEC: Research Triangle, board
- BEC: San Antonio, chair 2021
- BEST6 Technical/Edu Committees
- BETEC/AIA Bldg Sci Edu Comm.
- NCARB Education Committee

## CONTACT

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## EXPERIENCE

Amy Gelsone specializes in building enclosure commissioning, investigation, repair, auditing, and testing, with a project history ranging from Italy to Hawaii and across six climate zones. Her expertise includes design review, performance criteria development, site observation, failure cause/extent analysis, and litigation support.

Prior to joining WJE in 2015, Ms. Gelsone provided enclosure investigation and commissioning services as part of a New York-based commissioning firm as well as at a building science consulting firm in Houston, where she also engaged in energy systems commissioning and audits, structural historic preservation, field testing, and LEED consulting. She has provided design services and LEED coordination at both small and international design firms for commercial, institutional, and religious projects.

## REPRESENTATIVE PROJECTS

### Building Enclosure Commissioning

- NCSU Integrative Sciences Building - Raleigh, NC
- Hyatt Centric Hotel - Austin, TX
- Block 71 Redevelopment - Austin, TX
- Oracle Waterfront Campus - Austin, TX
- Reid Medical Center, Lackland Air Force Base - San Antonio, TX
- UMB Health Sciences Research Facility III - Baltimore, MD *
- Civil Rights and History Museums - Jackson, MS *
- University of Utah, L. S. Skaggs Pharmacy Research Building - Salt Lake City, UT *
- Buffalo State Science Bldg 15 - Buffalo NY *
- DuPont Chestnut Run Plaza Bldgs 730, 735 - Wilmington, DE: Included ASTM E779 *

### Building Enclosure Consulting

- Magdalena Hotel and Condos - Austin, TX
- Schofield Barracks Clinic Addition - Honolulu, HI
- TAMU National Center for Therapeutics Manufacturing - College Station, TX *

### Facade Assessment

- Tower of the Americas - San Antonio, TX
- GSA Custom House and Post Office/Courthouse - Charleston, SC
- TXST Retama Residence Hall - San Marcos, TX

### Nondestructive Evaluation

- South Shore District - Austin, TX: Infrared survey of full enclosure for three structures
- Massachusetts School Building Authority - MA: Infrared surveys of numerous K–12 schools throughout state *

### Repair and Rehabilitation

- UTSA Biotechnology Sciences and Engineering Building - San Antonio, TX: Assessment of roof leaks and remedial design
- New Creation Christian Fellowship - Windcrest, TX: Assessment of roof, cladding, and curtain wall leaks and remedial design
- Colorado County Courthouse - Columbus, TX: Structural assessment and remedial design for historic building *

### Water/Air Leakage Assessment

- 10 WestEdge - Charleston, SC: Assessment of leakage through roofs, patios, and windows
- UTSA Main Building - San Antonio, TX: Assessment of leakage through roof, stucco, stone masonry, and curtain wall systems
- UTSA University Center II - San Antonio, TX: Assessment of leakage from roof manifesting at windows
- 310 W. 55th Street - New York, NY: Assessment of leakage through transitional masonry; repair design for roof/masonry *
- Good Samaritan Hospital Medical Center - West Islip, NY: Assessment of operating room condensation and water intrusion *
- PHA Executive Office Building - Houston, TX: Assessment and repair design for precast concrete facade and window leakage*
- Memorial Cove Loft Condos - Houston, TX: Assessment of leakage through stucco and curtain wall and stud wall condensation *

** Indicates prior to WJE*

## PROFESSIONAL AFFILIATIONS

- American Institute of Architects (AIA)
- ASTM International
- Building Enclosure Technology and Environment Council (BETEC)
- National Institute of Building Science (NIBS)