



EDUCATION

- The Pennsylvania State University
 - Bachelor of Architecture, 2004
- Rensselaer Polytechnic Institute
 - Master of Science, Building Conservation, 2007

PRACTICE AREAS

- Historic Preservation
- Masonry Restoration
- Repair and Rehabilitation
- Facade Assessment
- Materials Conservation
- Peer Review
- Failure/Damage Investigations

REGISTRATIONS

- Architect in DE, NY, and PA

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Association of Preservation Technology International
- Association of the Wall and Ceiling Industry
- National Council of Architectural Registration Boards
- National Trust for Historic Preservation
- Women in Architecture

CONTACT

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EXPERIENCE

Jessica Fair specializes in the investigation and repair of historic residential and commercial buildings. Her work includes facade condition assessments, masonry restoration, and historic materials conservation on numerous National Register-listed structures, university, medical, and high-end residential construction projects.

Ms. Fair performs evaluations of brick, masonry, metal panel, and EIFS facades, as well as water leakage investigations, peer review services, and construction documents preparation. Her previous experience includes high-end residential and timber frame design, as well as multiple projects for the National Park Service. Ms. Fair is also a National Park Service's 36 Code of Federal Regulations Part 61 professional.

REPRESENTATIVE PROJECTS

Historic Preservation

- William H. Gray III 30th Street Station - Philadelphia, PA: Facade restoration, including historic windows, and construction observation for Amtrak's transportation hub
- Hotel Vine - Philadelphia, PA: Condition assessment and repair documentation of the masonry facade at the National Register-listed former family court building
- The Pennsylvania State University, Old Main - University Park: Facade investigation, window assessment, repair documentation, and restoration of early 20th-century administration building

Masonry Restoration

- Walnut Park Plaza - Philadelphia, PA: Inspection and restoration of National Register-listed brick and cast stone facade

Repair and Rehabilitation

- 1608 Chestnut Street - Philadelphia, PA: Investigation, facade repairs, and window replacement for Philadelphia Historic Commission-listed building
- Penn State at the Navy Yard - Philadelphia: Condition assessment, repair design, and construction observation for existing masonry facade and roofs

- Cornell University, Herbert F. Johnson Museum - Ithaca, NY: Condition assessment of award-winning, I.M. Pei-designed concrete facade; laboratory analysis of historic materials and repair design

Facade Assessment

- Jefferson Health/Thomas Jefferson University - Various Locations, NJ and PA: Condition assessment and asset management of nearly two hundred buildings and twelve parking garages on twenty campuses
- Thomas Jefferson University, Mott Hall - Philadelphia, PA: Document review, condition assessment, and repair design of early 20th-century granite and slate building
- Cira Square - Philadelphia, PA: Condition assessment and structural system review of National Register-listed former Philadelphia Post Office
- The Ritz-Carlton - Philadelphia, PA: Prepurchase survey and condition assessment for the McKim, Mead & White-designed structures

Materials Conservation

- L&I and H&W Buildings - Harrisburg, PA: Building enclosure improvements, repair documentation, and construction period services for the Department of General Services
- The Pennsylvania State University, Schwab Auditorium - University Park: Plaster evaluation and repair documentation

Peer Review

- 500 Walnut Street - Philadelphia, PA: Natatorium and waterproofing peer review
- Aberdeen Proving Ground, CBRNE Command Center - MD: Quality assurance peer review

Failure/Damage Investigations

- Major Retail Store Chain - Nationwide US: Snow load assessments after the 2015 North American blizzard