

### Tara Ikenouye | Senior Associate



#### EDUCATION

- Oberlin College
  - Bachelor of Science, Biology, 1998
- University of Oregon
  - Master of Science, Historic Preservation, 2009
  - Master of Architecture, Architecture, 2012

#### PRACTICE AREAS

- Condensation and Water Entry Studies
- Condition Assessment
- Historic Preservation
- Masonry Structures
- Repair and Rehabilitation Design
- Roofing and Waterproofing

#### REGISTRATIONS

- Architect in MA
- Certified Passive House Consultant

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Boston Society of Architects
- Historic Resources Committee (HRC) - Boston
- Northeast Sustainable Energy Association (NESEA)
- Passive House Institute United States (PHIUS)

#### CONTACT

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#### EXPERIENCE

Tara Ikenouye has gained experience in condition assessment and investigation of existing structures with various enclosure materials, including brick, concrete, stone, and glazed curtain walls. Her work specifically includes finding solutions to problems related to distressed materials and assemblies, water infiltration, hygrothermal studies for the rehabilitation and insulation of mass masonry structures, and historic preservation. Ms. Ikenouye has been a key team member for projects related to the repair design for roofing replacement, joint sealant replacement, mechanical system upgrades, masonry facade repairs, and window replacement followed by construction administration services.

Prior to joining WJE, Ms. Ikenouye interned with the National Park Service and participated in several preservation field schools working hands-on to rehabilitate deteriorated historical windows and wood and stone building elements. In addition to her experience in historic preservation, she is a Passive House Institute United States (PHIUS) Certified Passive House Consultant. Ms. Ikenouye has coauthored a published paper on tools and methods of analysis for insulation retrofits in adaptive reuse of early twentieth-century industrial buildings and has also presented on that topic.

#### REPRESENTATIVE PROJECTS

##### Condensation and Water Entry Studies

- Johnson & Wales University Physician's Assistant Building - Providence, RI: Hygrothermal analysis of building enclosure performance and design recommendations
- Suffolk University - Boston, MA: Water penetration testing and investigation, repair design, sealant replacement, and construction administration services

##### Condition Assessment

- The Gillette Company - Boston, MA: Condition assessment of multiple masonry building enclosures and production of maintenance and repair recommendations
- MBTA South Station Bus Terminal - Boston, MA: Condition assessment of MMA coating at parking concrete deck

- Massachusetts General Hospital - Boston, MA: Condition assessment of brick veneer facades for two buildings per the Boston Facade Ordinance
- Necco Confectionary Company - Boston, MA: Condition assessment of mass masonry enclosures for two buildings per the Boston Facade Ordinance

##### Masonry Structures

- Hartford Times Building - Hartford, CT: Condition survey of historic facade and repair design
- Old South Church - Boston, MA: Development of construction documents for mechanical upgrades
- 45 Milk Street - Boston, MA: Condition survey of limestone building, historic wood window rehabilitation, and facade repair design
- 200 Berkeley Building - Boston, MA: Masonry repairs and repointing
- 10-11 Arlington Street - Boston, MA: Visual assessment of the building interior, exterior facade, and sidewalk vault

##### Repair and Rehabilitation Design

- Boston Design Center - Boston, MA: Condition assessment and repair of expressed concrete frame and canopy elements, window replacement, and construction administration services
- Tufts University - Medford, MA: Condition assessment of expressed concrete frame and brick veneer, repair design, and construction administration services
- 8 Harrison - Boston, MA: Brick facade repairs, window replacement, and construction administration services
- Umana Academy Middle School - East Boston, MA: 90,000-square-foot, SBS-modified bitumen roof replacement system, flashing repair, masonry repair, window replacement, and construction administration services