



## PERSONNEL QUALIFICATIONS

# Daniel J. Lemieux | Director of International Business Development and Principal



### EDUCATION

- The Georgia Institute of Technology
  - Bachelor of Science, Architecture, 1988

### PRACTICE AREAS

- Building Enclosure Consulting
- Building Enclosure Commissioning
- Building Enclosure Testing
- Facade Assessment
- Design-Assist
- Windows/Curtain Walls/Skylights
- Building Science
- Historic Preservation

### REGISTRATIONS

- Architect in DC, GA, MD, NY, and VA
- National Council of Architectural Registration Boards

### PROFESSIONAL AFFILIATIONS

- ASTM International
- American Institute of Architects
- American Society of Civil Engineers
- National Institute of Building Sciences
- Centre for Window and Cladding Technology - London, England
- American Architectural Manufacturers Association
- Construction Specifications Institute

### CONTACT

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### EXPERIENCE

Since joining WJE in 1996, Daniel Lemieux has successfully completed hundreds of projects in the area of building enclosure failure investigation, repair design, and architectural rehabilitation, including projects that have been recognized both locally and nationally for design and restoration excellence. He has authored, coauthored, and peer reviewed a wide range of technical papers on Building Enclosure Commissioning (BECx) and is chair of ASTM Subcommittee E06.55 - Performance of Building Enclosures and the Task Group responsible for the development and the publication of ASTM E2813-12, *Standard Practice for Building Enclosure Commissioning*.

Since 2005, Mr. Lemieux has served as an author, coauthor, and contributing editor during the development of the Exterior Wall chapters of the web-based *Whole Building Design Guide* on behalf of the National Institute of Building Sciences (NIBS) and was a member of the original committee responsible for the development of the original *NIBS Guideline 3: Exterior Enclosure Technical Requirements for the Commissioning Process*. As chair of ASTM E06.55, Mr. Lemieux facilitated the establishment of a joint agreement between ASTM and NIBS to develop a Building Enclosure Commissioning Certification and Training Program and served on the committee responsible for the development of ASHRAE Standard 202, *The Commissioning Process for Buildings and Systems*.

### REPRESENTATIVE PROJECTS

#### Building Enclosure Commissioning

- World Trade Center Memorial and Museum - New York, NY: Architectural metal panels and glass curtain wall
- American Red Cross National Headquarters - Washington, D.C.: Limestone, clay brick cavity wall, glazed aluminum curtain wall, and sloped glazing systems
- Constitution Center - Washington, D.C.: Unitized structurally glazed curtain wall
- Walter E. Washington Convention Center - Washington, D.C.: Glazed aluminum curtain wall, sloped glazing, masonry cavity wall, and thin stone veneer

### Design-Assist

- GSA Design Excellence Team: Peer review of point-supported and 2/4-sided unitized structurally glazed curtain wall; architectural aluminum, bronze, and copper rain screen wall panels; and thin stone veneer for four U.S. Federal Courthouses
- Smithsonian National Air and Space Museum - Washington, D.C.: Design-assist for facade reclad in response to strength loss in thin stone veneer

### Facade Assessment

- Walter Reed National Medical Center - Washington, D.C.: Evaluation and repair design for restoration and expansion of historic architectural precast and bronze windows
- Walt Disney World Resort - Orlando, FL: Evaluation of in-service coating failures and field assessment of structural integrity at various theme park structures

### Historic Preservation

- Washington Monument - Washington, D.C.: Earthquake assessment, stabilization, and repair design
- Washington National Cathedral - Washington, D.C.: Earthquake assessment, stabilization, and repair design
- Hotel Statler (now Renaissance St. Louis Grand Hotel) - MO: Award-winning restoration of clay brick masonry and cast stone facade and wood-framed windows

### TECHNICAL COMMITTEES

- ASTM Subcommittee E06.55 - Performance of Building Enclosures, chairman
- ASHRAE Standard 202, The Commissioning Process for Buildings and Structures, Voting Technical Committee member
- American Institute of Architects, Technical Design for Building Performance, Knowledge Community, Advisory Committee member and Liaison to ASTM, ICC, and BOMI
- International Code Council, Technical Advisory Committee for Commissioning
- Advisory Board, Myers-Lawson School of Construction, Virginia Tech, member