



PERSONNEL QUALIFICATIONS

Daniel J. Lemieux | Principal Director of International Operations, Architecture and Building Science



EDUCATION

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

PRACTICE AREAS

- Building Enclosure Consulting and Commissioning
- Design Peer Review
- Facade Assessment
- Failure Investigation
- Repair and Rehabilitation Design
- Litigation Consulting
- Historic Preservation

REGISTRATIONS

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

PROFESSIONAL AFFILIATIONS

- Center for Window and Cladding Technology, UK
- American Architectural Manufacturers Association
- American Institute of Architects
- ASTM International
- Construction Specifications Institute
- National Institute of Building Sciences

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 Chairman of ASTM Sub-Committee 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*.

In 2006, Mr. Lemieux assumed management responsibility for the Washington, D.C. office of WJE. In 2016, Mr. Lemieux was named Director of International Operations, Architecture and Building Science. As a building enclosure specialist, Mr. Lemieux has authored, coauthored, and served as technical editor for the National Institute of Building Sciences (NIBS) during its development of *NIBS Guideline 3: Exterior Enclosure Technical Requirements for the Commissioning Process*. As Chairman of ASTM Subcommittee on Performance of Building Enclosures, 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

- Baja California Redevelopment Project - Tijuana, Mexico: Building enclosure consulting in support of design and construction of a new mixed-use office, hotel, and residential redevelopment project including high-rise curtain wall, window wall, architectural metal panel, and precast concrete exterior wall systems and assemblies

- American Red Cross Headquarters - Washington, D.C.: Building enclosure consulting in support of the adaptive reuse and expansion of this property, including limestone, clay brick cavity wall, glazed aluminum curtain wall, and sloped glazing systems

Design Peer Review

- 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

Facade Assessment

- FIFC Financial Center - Mumbai, India: On-site evaluation of field structurally glazed and unitized glass curtain wall for distress associated with restrained thermal expansion, unaccommodated slab-edge deflection, and evidence of air seal discontinuity and air leakage
- Richmond City Hall - VA: Evaluation of strength loss in thin stone veneer and design consultation in support of award-winning facade reclad
- Virginia Commonwealth University, Sanger Hall - Richmond: Evaluation of exterior limestone and insulated precast concrete spandrel panels and design consultation in support of energy-efficient overclad and window replacement

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 on Performance of Building Enclosures, chairman
- ASHRAE Standard 202, *The Commissioning Process for Buildings and Structures*, Technical Committee member