PERSONNEL QUALIFICATIONS

Daniel J. Lemieux | Principal and Director

International Development · Wiss, Janney, Elstner Limited, London

EDUCATION

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

PRACTICE AREAS

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

REGISTRATIONS

- Architect:
  - U.S. (NCARB): Washington, D.C., VA, MD, NY, PA, GA, NC, SC, FL
  - UK (RIBA): Non-Practicing (NP)
  - Canada: Ontario Province (NP)
  - Australia: New South Wales (NP)
- Chartered Surveyor: MRICS Building Control

PROFESSIONAL AFFILIATIONS

- College of Fellows, American Institute of Architects (FAIA)
- College of Fellows, ASTM International (FASTM)
- Royal Institute of British Architects (RIBA)
- Royal Institute of Chartered Surveyors (MRICS)
- National Council of Architectural Registration Boards (NCARB)

CONTACT

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EXPERIENCE

Since joining WJE in 1996, Daniel Lemieux has successfully completed hundreds of projects in the areas of building enclosure failure investigation, repair design, and architectural rehabilitation. Since 2016, he has served as Director of International Development, responsible for advancing WJE's global architecture and building science practices. Before that, Mr. Lemieux served as managing principal of WJE's Washington, D.C. office from 2006 to 2016.

In 2017, Mr. Lemieux helped lead the establishment of Wiss, Janney, Elstner Limited, London. After the tragedy at Grenfell Tower, he provided input on proposed regulatory reforms in response to that fire and worked closely with WJE's fire protection group to educate building owners, investors, design professionals, and contractors about the causes of that tragedy.

In 2021, Mr. Lemieux was elevated by a jury of his peers to the *AIA College of Fellows* for his work in building science and the physics of building enclosure and whole building performance. He has authored, coauthored, presented, and chaired workshops and symposia on that topic in North America and internationally and served as co-chair of the 2017 Symposium on Building Science and Conservation at Southbank Centre, London.

In 2024, Mr. Lemieux served as a part-time practicing professor at the Georgia Institute of Technology responsible for developing and leading a graduate-level course in *Failures & Forensics in Our Built Environment*. In 2025, he developed and helped lead the same course for the College of Engineering at Purdue University.

Mr. Lemieux currently serves as chair of ASTM Committee E06 - *Performance of Buildings* and is past chair of Subcommittee E06.55 - Performance *of Building Enclosures* and the Task Group responsible for developing ASTM E2813, *Standard Practice for Building Enclosure Commissioning* (BECx) and ASTM E2947 *Standard Guide for BECx.* He is a member of the CISE Industry Advisory Board for the College of Civil and Environmental Engineering at Georgia Tech and Myers-Lawson School of Building & Construction Science at Virginia Tech.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Multiple Properties - North America: Heat/air/moisture transport in all climates
- Multiple Properties - UK and EU: Combustible cladding and fire protection
- 135 Bishopsgate - London, UK: In situ refurbishment of thin granite veneer and glazed aluminum curtain wall
- 1 Finsbury Avenue - London, UK: In situ refurbishment of Grade 2-listed property
- Al Maryah Central - Abu Dhabi, UAE: Point-supported glass, ACP, and GFRC
- Meydan One Mall - Dubai, UAE: Large-span sloped glazing and ETFE
- FIFC Financial Center - Mumbai, India: Unitized structurally glazed curtain wall

Failure Investigation and Repair Design

- Multiple Properties - U.S.: Building enclosure air leakage, uncontrolled rainwater penetration, moisture ingress, and condensation in glass and glazing, masonry, and rainscreen cladding systems
- Multiple Properties - U.S.: In-service spontaneous glass breakage and migration of gray polyisobutylene sealant in planar and cold-bent insulating glass
- Multiple Properties – U.S.: Corrosion-induced failure in cast stone and strength loss in natural stone veneer cladding

Building Enclosure Commissioning

- U.S. General Services Administration Design Excellence Team - American Recovery and Reinvestment Act (ARRA)
- U.S. Department of State Overseas Building Operations – Multiple New Embassy and Consulate Compounds

Landmark Preservation

- Washington Monument - Washington, D.C.: Architect-of-Record and technical contact for local, national, and international print and broadcast media during post-earthquake assessment, temporary stabilization, and repair
- Washington National Cathedral - Washington, D.C.: Architect and project manager for initial post-earthquake assessment, temporary stabilization, and repair
- Design consultation and technical support for Historic Royal Palaces and The Royal Households of the United Kingdom, London