

Dana L. Landis | Senior Associate



EDUCATION

- Drexel University
 - Bachelor of Science, Architectural Engineering, Structural Concentration, 2010

PRACTICE AREAS

- Building Enclosure Consulting and Commissioning
- Building Science
- Leakage Investigation
- Facade Assessment
- Repair and Rehabilitation Design

REGISTRATIONS

- Level I Certified Infrared Thermographer
- National Fenestration Rating Council - Certified Simulator
- Professional Engineer in PA

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council - Philadelphia Chapter
- International Institute of Building Enclosure Consultants - Delaware Valley Chapter, director and past president

CONTACT

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EXPERIENCE

Dana Landis's expertise includes building enclosure consulting and commissioning (BECx) services, peer review, facade assessments, and hygrothermal analysis of various facade systems. She also develops repair and rehabilitation documents, conducts building envelope testing, including infrared thermography, and provides construction observation services. Ms. Landis has worked on various new and existing construction types, including commercial, low- and high-rise residential, university, healthcare, life science, and pharmaceutical. She performs evaluations of all aspects of the building envelope, including waterproofing, exterior facades (e.g., fenestration, glass and glazing, masonry, terra cotta, limestone, concrete, EIFS, and metal panels), and roofing. Much of Ms. Landis's focus has involved prefabricated and unitized envelope assemblies.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting and Commissioning

- 2222 Market Street - Philadelphia, PA: BECx, design-assist, and performance testing for new prefabricated 305,000-square-foot-building
- Children's Hospital of Philadelphia, Buerger Center for Advanced Pediatric Care - PA: Roofing and waterproofing consulting and quality assurance services for ambulatory care center, including 2.6-acre plaza
- Children's Hospital of Philadelphia, Roberts Center for Pediatric Research - PA: Building enclosure consulting and quality assurance services for 500,000-square-foot research tower
- Grand View Health Expansion - Sellersville, PA: BECx of new 190,000-square-foot hospital expansion
- Longwood Gardens - Kennett Square, PA: Building enclosure consulting services of new conservatory, administration building, and event spaces
- Nemours Hospital for Children - Wilmington, DE: Building enclosure consulting and quality assurance services
- Penn Medicine Center for Healthcare Technology - Philadelphia, PA: Building enclosure consulting and quality assurance services for new office building

- Clifton Center for Medical Breakthroughs - Philadelphia, PA: Design-assist and BECx of 1.5-million-square-foot clinical facility; integrated project delivery
- Penn Medicine Radnor - Radnor, PA: Building enclosure consulting, thermal modeling, and quality assurance services of new outpatient medical facility
- Toyota PE Office - Georgetown, KY: BECx for new, state-of-the-art automotive testing lab and administrative building
- University of Pennsylvania, Gutmann College House - Philadelphia: BECx of new dormitory facility with green roof
- WellSpan York Cancer Center - York, PA: Design-assist and BECx for building expansion

Building Science

- Bryn Mawr Hospital - Bryn Mawr, PA: Thermal analysis of fenestration systems
- Reading Hospital - Reading, PA: Thermal analysis of fenestration systems
- York Hospital - York, PA: Infrared inspection of existing roofs

Leakage Investigation

- 3711 Market Street - Philadelphia, PA: Investigation of insulated metal panel and green roofing systems
- Drexel University - Philadelphia, PA: Investigation of numerous buildings and cladding types
- Symphony House - Philadelphia, PA: Investigation of precast concrete, terrace waterproofing, and curtain wall

Facade Assessment

- 1601 Locust Street - Philadelphia, PA: Assessment of historic limestone cladding
- Lafayette Building - Philadelphia, PA: Assessment of historic brick masonry, terra cotta, and limestone cladding

Repair and Rehabilitation Design

- 1619 Walnut Street - Philadelphia, PA: Repair design for brick masonry cladding
- William H. Gray III 30th Street Station - Philadelphia, PA: Assessment and repair of historic limestone masonry and steel windows
- Radisson Blu Warwick Hotel - Philadelphia, PA: Repair design for historic brick, terra cotta, and limestone cladding