



## PERSONNEL QUALIFICATIONS

### 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

- Professional Engineer in PA

#### PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- Architectural Engineering Institute (AEI)
- Building Enclosure Council (BEC) - Philadelphia chapter
- International Institute of Building Enclosure Consultants (IIBEC) - Delaware Valley Chapter, secretary

#### CONTACT

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#### EXPERIENCE

Since joining WJE full time in 2010, Dana Landis' project work has included building enclosure commissioning and peer review services, facade assessments, and hygrothermal analysis of various facade systems. She also works in the development of repair and rehabilitation documents, conducts water leakage investigations, and provides construction observation services.

Ms. Landis has experience with a variety of new and existing construction types, including commercial, low- and high-rise residential, university, medical, and pharmaceutical. She regularly performs evaluations of masonry, terra cotta, limestone, concrete, EIFS, metal panel, glass facades, and roofing.

#### REPRESENTATIVE PROJECTS

##### Building Enclosure Consulting and Commissioning

- Penn Medicine Pavilion - Philadelphia, PA: Design-assist and building enclosure commissioning (BECx) of 1.5 million square-foot (SF) clinical facility
- WellSpan York Cancer Center Expansion - York, PA: Design-assist and building enclosure commissioning (BECx) for 67,100-square-foot building expansion
- WellSpan Heart and Vascular Center - York, PA: Building enclosure consulting for a new 60,520-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
- Penn Medicine Center for Healthcare Technology - Philadelphia, PA: Building enclosure consulting and quality assurance services for new office building
- Nemours Alfred I. duPont Hospital for Children - Wilmington, DE: Building enclosure consulting and quality assurance services for new clinical facility
- University of Pennsylvania New College House West - BECx of new dormitory facility with green roof

- Celgene Office Building - Summit, NJ: BECx of new office building comprising prefabricated brick and metal panels, curtain wall, skylights, and roofing systems
- Geisinger GMC Lab - Danville, PA: BECx of new laboratory facility
- Toyota PE Office - Georgetown, KY: BECx for new state-of-the art automotive testing lab and administrative building

##### Building Science

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

##### Leakage Investigation

- Symphony House - Philadelphia, PA: Investigation of precast concrete, terrace waterproofing, and curtain wall
- Drexel University - Philadelphia, PA: Investigation of numerous building and cladding types
- University Medical Center of Princeton at Plainsboro - NJ: Investigation of punched windows
- 3711 Market Street - Philadelphia, PA: Investigation of insulated metal panel and green roofing systems
- 777 South Broad Street - Philadelphia, PA: Investigation of brick masonry, TPO roofing, ACM panel, and curtain wall systems

##### Facade Assessment

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

##### Repair and Rehabilitation Design

- Radisson Blu Warwick Hotel - Philadelphia, PA: Repair design for historic brick, terra cotta, and limestone cladding
- 900 Biscayne Boulevard - Miami, FL: Design of metal panel overclad
- 1619 Walnut Street - Philadelphia, PA: Repair design for brick masonry cladding
- Erdenheim Elementary School - Flourtown, PA: Repair design for masonry, flashing, and waterproofing