



## PERSONNEL QUALIFICATIONS

# Dziugas Reneckis | Senior Associate and Associate Unit Manager



### EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Civil Engineering, 2002
  - Master of Science, Structural Engineering, 2003
  - Doctor of Philosophy, Civil Engineering, 2009

### PRACTICE AREAS

- Facade Recladding Design
- Repair and Rehabilitation Design
- Structural Evaluation
- Structural Analysis/Computer Modeling
- Curtain Wall Systems
- Research and Testing

### REGISTRATIONS

- Professional Engineer in IL, NJ, and NY
- ISE Chartered Structural Engineer (MIStructE)
- ICC Certified Structural Steel and Bolting Special Inspector
- ICC Certified Structural Welding Special Inspector

### PROFESSIONAL AFFILIATIONS

- Institution of Structural Engineers
- Structural Engineers Association of New York
- Earthquake Engineering Research Institute

### EXPERIENCE

Since joining WJE in 2014, Dziugas Reneckis has performed field investigations, condition surveys, construction period services, and special inspections. He has completed investigations and analyses involving steel frame, masonry, wood, and reinforced concrete structures. Additionally, Mr. Reneckis has provided structural services associated with the renovation of building facades and interiors. Before joining WJE, he concentrated on the design of special structures in glass and steel as well as facade engineering.

Mr. Reneckis completed his undergraduate and graduate studies in civil engineering at the University of Illinois at Urbana-Champaign. As an undergraduate, he completed concentrations in both structural and geotechnical engineering and continued to study structural engineering while completing his master's and doctoral degrees, with a focus on earthquake engineering.

### REPRESENTATIVE PROJECTS

#### Facade Recladding Design

- A.J. Celebrezze Federal Building - Cleveland, OH: Structural design of blast-resistant double wall facade support frame \*
- Trueblood Performing Arts Center - Washington Island, WI: Structural evaluation of existing concrete masonry building; design of structural wrapper \*

#### Repair and Rehabilitation Design

- 417 5th Avenue - New York, NY: Building interior alterations and storefront replacement
- Milwaukee Center - Milwaukee, WI: Investigation and repairs to reinforced concrete transfer girders \*
- Old Republic Building - Chicago, IL: Evaluation and design of terra cotta cornice repairs and reconstruction \*
- Bank of America Uptown Tower - Charlotte, NC: Structural design of additions to reinforced concrete parking garage structure \*

#### Structural Evaluation

- 445 Park Avenue - New York, NY: Rooftop penthouse condition and structural assessment

- Heartland Community College - Normal, IL: Forensic engineering and structural assessment of fitness center building \*
- Sienna Court Condominiums - Evanston, IL: Forensic engineering of partially collapsed parking structure \*

#### Structural Analysis/Computer Modeling

- Union Station - Toronto, ON: Contractor support and structural design of steel frame and glass atria over pedestrian walkways \*
- TILT - Chicago, IL: Structural design of glazed steel-frame adventure ride \*
- Hazza Bin Zayed Stadium - Al Ain, Abu Dhabi, United Arab Emirates: Facade engineering and structural design of steel-framed diaphragm to support fiber reinforced concrete panels \*

#### Curtain Wall Systems

- Culture Shed at Hudson Yards - New York, NY: Facade engineering and structural design of cable net walls
- City Point - Brooklyn, NY: Contractor support and structural design of unitized facade panels \*
- Nova, Victoria - London, England: Facade engineering consulting for new buildings at a mix-use development \*

#### Research and Testing

- Seismic Performance of Anchored Brick Veneer - Urbana, IL \*
- Integral Abutment Design Limitations and Details - Urbana, IL \*
- Seismic Response of Reinforced Concrete Pile-Wharf Deck Connections - Urbana, IL \*

*\*Indicates with previous firm*

#### AWARDS

- The Masonry Society (TMS) Outstanding Dissertation Award, 2011
- TMS Journal Outstanding Paper Award at the 10th North American Masonry Conference, 2007
- Alan H. Yorkdale Memorial Award by ASTM Committee C15, 2006

#### CONTACT

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