



#### EDUCATION

- Rice University
  - Bachelor of Arts, Architecture, 2001
  - Bachelor of Architecture, 2002

#### PRACTICE AREAS

- Building Science
- Peer Review
- Repair and Rehabilitation Design
- Roofing and Waterproofing
- Building Enclosure Commissioning
- Forensic Investigation
- Field Testing

#### REGISTRATIONS

- Architect in FL, LA, and TX
- Construction Document Technologist
- LEED Accredited Professional
- National Council of Architectural Registration Boards Certificate

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Building Enclosure Council - Houston Chapter, past president
- Building Enclosure Council - National Executive Committee
- Building Enclosure Technology and Environment Council, board member
- International Institute of Building Enclosure Consultants
- Texas Society of Architects

#### EXPERIENCE

Justin Boone has broad-based experience in enclosure design, peer design review, field-based evaluation, testing, and project management. His expertise includes the design of high-performance building enclosure systems, building enclosure commissioning, and forensic analysis of existing buildings with enclosure-related deficiencies. Mr. Boone also focuses on the application of proven building science fundamentals to produce high-performance, climate-specific systems.

Prior to joining WJE in 2010, Mr. Boone worked for a building science consulting firm in Houston, Texas, and several architectural design-build firms, where he worked on architectural design projects, including multifamily residential, retail, restaurant, high-rise, renovation, and historic rehabilitation. In addition, he was the construction manager and general contractor on numerous residential, retail, and renovation projects with budgets ranging from \$100,000 to more than \$2 million.

#### REPRESENTATIVE PROJECTS

##### Peer Review and Building Enclosure Commissioning

- TDECU Stadium - Houston, TX: Peer review and daily quality assurance observations for roofing and waterproofing systems
- Texas Children's Hospital Maternity Center - Houston: Peer review and daily quality assurance observations for roofing, cladding, and waterproofing systems

##### Repair and Rehabilitation Design

- Hobby Airport - Houston, TX: Long-term quality assurance observations and detailing assistance for reroofing and waterproofing
- MD Anderson Faculty Center - Houston, TX: Design and quality assurance observations for roof replacement

#### Forensic Investigation and Field Testing

- High-Rise Tower - Dubai, United Arab Emirates: Investigation of air pressurization and stack effect problems
- Housing Compound - Hong Kong, SAR: Moisture intrusion investigation and facade, roofing, and waterproofing repair design
- Broward General Medical Center - Fort Lauderdale, FL: Diagnostic air pressurization testing and air leakage investigation
- High-Rise Condominium - Padre Island, TX: Investigation of blown-off roof as a result of a hurricane event
- Multifacility Hospital Roofing Evaluation - U.S. Gulf Coast: Negative pressure roof uplift testing and evaluation of nine hospital facilities
- Zapata County Courthouse - Zapata, TX: Investigation of roof system moisture intrusion

#### TECHNICAL COMMITTEES

- ASTM International E55.06.09 - Building Enclosure Commissioning

#### AWARDS

- Rice University: Edward B. Arrants Medal for Most Promise to the Profession of Architecture, 2001

#### CONTACT

jboone@wje.com  
832.467.2177  
www.wje.com