



EDUCATION

- Virginia Polytechnic Institute and State University
 - Professional Bachelor of Architecture, 2015

PRACTICE AREAS

- Building Enclosure Commissioning
- Building Enclosure Testing
- Building Enclosure Consulting
- Construction Troubleshooting
- Building Enclosure Testing
- Facade Failure and Leakage
- Roofing and Waterproofing
- Failure/Damage Investigations

PROFESSIONAL AFFILIATIONS

- American Institute of Architects

CONTACT

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EXPERIENCE

Since joining WJE in 2015, Christopher McInnis has worked with construction investigations of thermal performance, design development, peer review of construction documents, performance testing, and construction period services. His focus lies in construction observation services of commercial building envelopes. He is experienced with various building assemblies including glazed curtain walls, storefront systems, and various window and rainscreen systems. Mr. McInnis has performed building envelope consulting services for multiple building types throughout the Washington D.C. region.

Prior to joining WJE, Mr. McInnis had seven years of experience as a contractor in southeastern Virginia that specialized in permeable paving systems, site development, and segmental retaining walls.

REPRESENTATIVE PROJECTS

Building Enclosure Commissioning

- Discovery Square Apartment Building - Herndon, VA: Construction period services
- New Environmental Center, AREnew - Alexandria, VA: Construction period services during stone facade installation
- Pavilion 3, Montgomery College - Takoma Park, MD: Water/air leakage assessment and building enclosure consulting
- Hine Project on Capitol Hill - Washington, D.C.: Peer review of waterproofing details, water/air leakage assessment on punched windows and curtain wall, and design assist with green roof assembly
- Reston Heights - Reston, VA: Design peer review and enclosure consulting on metal panel and storefront window assembly

Building Enclosure Testing

- M. Flats Crystal City - Crystal City, VA: Building enclosure testing and consulting
- The Apollo Apartments - Washington, D.C.: Construction troubleshooting of window and curtain wall details, water/air leakage assessment, and product evaluation

Building Enclosure Consulting

- United States Holocaust Memorial Museum, Collections and Conservation Lab - Bowie, MD: Product evaluation of waterproofing materials, insulated roof panel assessment and design, and building enclosure commissioning of climate controlled environment
- Tyson's Central, Building F - Vienna, VA: Design development review and constructability consulting
- Ballpark Square 701 - Washington, D.C.: Product evaluation of flashing and waterproofing materials

Facade Failure and Leakage

- Inova Healthcare, Exxon Mobil Campus - Fairfax, VA: Investigation, consultation, and evaluation of complete metal panel installation with leakage

Roofing and Waterproofing

- Texas State Capitol - Austin: Assessment, design, and construction administration services, related to waterproofing

Failure/Damage Investigations

- Arlington National Cemetery - Arlington, VA: Consulting services for fountain investigation and repair