



Whitney E. Okon

Associate AIA

Ms. Okon provides architectural services in support of the professional architecture and engineering staff while undergoing the AIA licensing process. She is responsible for assisting with facility condition surveys and failure analysis of building components. Ms. Okon assists in the evaluation of building envelope problems and is responsible for the production of drawings and specifications necessary for the repair and rehabilitation of deficient buildings. Ms. Okon also provides services to teams during the design phase of a project. She assists with the evaluation and research of building codes, industry standards, waterproofing designs and life safety issues and provides contract administration during the construction process.

Ms. Okon is currently an active associate member of the American Institute of Architects (AIA) and serves as the Chair for Charleston's Building Enclosure Council (BEC). She acts as the National Liaison between the AIA and the BEC National Board. Ms. Okon served for three years as an AIA Center for Building Science and Performance (CBSP) board member and currently acts as one of the ten national board members for the AIA's Committee on the Environment (COTE) Knowledge Community. She has been selected for and serves as a board member on the National Institute of Building Sciences' Building Enclosure Technology and Environment Council (BETEC).

Education

- Savannah College of Art and Design: Masters of Architecture, 2003
- Savannah College of Art and Design: Bachelors of Architecture
- Mold Mitigation Seminar, Charleston, 2005
- Building Products University Roofing Seminar, Indianapolis, 2005
- WUFI Seminar, Oak Ridge National Laboratory & Fraunhofer Institute of Building Physics, Charleston, 2006

Professional Organizations

- American Institute of Architects (AIA: National Board Member for COTE)
- Building Enclosure Council of Charleston (2010 Chair)
- "A and E from A to Z", Risk Management Seminar, Carlock, Copeland, Semler & Stair, LLP, Charleston, 2006
- Building Envelope Forum, Syracuse University, 2006

Continuing Education

- CLU/HSW Standing Seam Metal Roof Seminar, Charleston, 2004
- AIA/CES Brick - Design, Specifying & Construction Techniques Seminar, Charleston, 2005
- Air and Vapor Barriers for Southern Buildings, Waterproofing Contractors Association, Inc., Myrtle Beach, 2006
- Air Barrier University, Air Barrier Association of America, Charleston, 2006

- Renovation of Masonry Façade, ASCE Web Seminar, Charleston, 2007
- Advanced Building Envelope Design Workshop, Charleston, 2007
- Moisture Control in Buildings Workshop, Charleston, 2008
- Slips, Trips and Falls Virtual Symposium from ASSE, Charleston, 2009
- Healthy, Durable, Low Energy Buildings: Fundamentals, Techniques, and Pitfalls, Charleston, 2009
- Huffing and Puffing - The Effects of HVAC Systems on Building Enclosures in a Humid Climate, Charleston, 2010
- The 3 R's – Repairs, Retrofits and Renovations in Hot, Humid Climates, Charleston, 2010
- International conference on Thermal Performance of the Exterior Envelopes of Whole Buildings XI, Clearwater, 2010

Principal Areas of Practice

- Repair / Waterproofing Design
- Thermal / Moisture Related Problems
- Building Envelope Failures
- Post- Hurricane Assessments
- Property Condition Assessments
- Life Safety
- Construction Contract Administration

Work History

- ***Applied Building Sciences, Inc.*** (formerly in part Campbell, Schneider, and Associates, LLC) – Intern Architect / Associate AIA November 2003 to Present

Lucas and Associates, LLC

- Architectural Associate, Interior Designer August 2003 - November 2003
- Responsible for space planning, electrical, detail, permit, and millwork drawings
- Assisted clients with the furniture, fixture and equipment selections
- Produced finish schedules and coordinated work with architects, contractors, and product representatives

The I'on Company

- Architectural College Internship November 2001 – January 2002
- Studied the principles of Lowcountry vernacular architecture
- Assisted clients with the conceptual space planning and landscape design in accordance with community guidelines
- Worked on site to gain hands-on knowledge of construction

Ms. Okon's experience with Applied Building Sciences includes:

Building Envelope Investigation:

- Exterior cladding and interior conditions investigation for 99 unit condominium complex, Renaissance on Charleston Harbor, Charleston, SC
- Water intrusion investigation for single multiple family residences in South Carolina
- Exterior cladding, window, drainage, and life safety survey and construction document review, Harrell Square Building, Charleston, SC

- Cladding survey and document review for multiple homes in the Colonnade subdivision of Brickyard Plantation, Mt. Pleasant, SC
- Conventional and synthetic stucco investigation of several residences and commercial buildings in South Carolina
- Post hurricane catastrophe investigations for several commercial, hospital, and hotel buildings in FL after Hurricanes Charley, Francis, Jean and Ivan, 2004
- Exterior cladding, flashing and fenestration survey, East Cooper Medical Center, Mt. Pleasant, SC
- Exterior cladding and fenestration survey, Sandy Lane Condominiums, Daufuskie Island, SC
- Exterior cladding survey, Seacrest Condominiums, Hilton Head Island, SC
- Contract Document and Life Safety review, Peninsula Condominiums, James Island, SC
- Exterior cladding, window, and waterproofing survey, Wilmington Island Plantation, Savannah, GA
- Building envelope survey 18 unit condominium project, Concord West of the Ashley, Charleston, SC
- Crawl space evaluation for multiple unit condominium complexes, Hilton Head Island, SC
- Crawl space surveys and evaluations in several residences in South Carolina
- Evaluation of moisture intrusion, Britton's Neck Elementary School, Gresham, SC
- Diagnosis of elevated moisture conditions in historic structure, Heyward Washington House, Charleston, SC
- Window and water intrusion survey, 3 Chisolm Street Condominiums, Charleston, SC
- Existing conditions and reclad survey, Charleston County Judicial Center, Charleston, SC

Building Envelope Design, Consulting & Repair:

Moisture Related Problems:

- Diagnostic analysis of the building envelope for air infiltration, Florence Public School District One, Florence, SC
- Evaluation of moisture intrusion, air infiltration and mold growth in several residences throughout South Carolina
- Hardwood floor assessments in several residences in South Carolina.
- Exterior cladding and waterproofing design for 48 unit, ocean-front condominium, Ocean Isle Beach, NC
- Design of the Department of Energy's Natural Exposure Testing Facility, Hollywood, SC
- Window flashing repair design, International Tae Kwon Do Center, Charleston, SC
- Waterproofing design and construction phase services for 28 building residential / commercial complex, downtown, Midtown Project, Charleston, SC
- Waterproofing design, Bridgeport II Office Building, Mt. Pleasant, SC
- Waterproofing repair design, multi-family housing, Morris Square Project, Charleston, SC
- Waterproofing pre-construction consulting and construction phase

- services, Somerby of Mt. Pleasant, Mt. Pleasant SC
- Stucco repair design and construction phase services, Charleston Oceanfront Villas, Folly Beach, SC
- Balcony and chimney repair design, 18 unit condominium project, Concord West of the Ashley, Charleston, SC
- Reclad, waterproofing, and window replacement repair design, 13 building condominium project, Peninsula on James Island, Charleston, SC
- Stair survey, Trident Executive Village, Charleston, SC
- Stair survey, Regal Cinemas, Mt. Pleasant, SC
- Trip and fall survey, McDonald's, Hilton Head, SC
- Slip and fall survey, Summerville YMCA, Summerville, SC
- Stair survey and trial support, University of South Carolina's Barrier Island Research Facility, Pritchard's Island, SC
- Slip and fall survey, Purple Tree Lounge, Charleston, SC
- Trip and fall survey, Goodwill, Mt. Pleasant, SC

Facility Condition Assessments:

- Numerous apartment / condominium complexes in South Carolina
- South Carolina Institute of Archeology and Anthropology, Columbia, SC
- SCANA Facility, Columbia, SC
- 296 Meeting Street, Clemson University Facility, Charleston, SC
- Wayne Street / Catawba Street Facility, University of South Carolina, Columbia, SC
- University of South Carolina Equestrian Center, Blythewood, SC
- 200 River Landing Drive, Daniel Island, SC
- Trip and fall survey, Wilco Hess Gas Station, St. Matthews, SC
- Slip and fall code research, Club Kryptonite, Myrtle Beach, SC
- Slip and fall survey, Sea Pines Center, Hilton Head Island, SC
- Trip and fall code research and trial support, Kim's Korean & Japanese Steak House, Charleston, SC
- Trip and fall survey, Pedestrian bridge at Harrell Square, Charleston, SC
- Slip and fall survey, Wachovia Bank, Charleston, SC
- Slip and fall survey, The Crazy Crab Restaurant, Hilton Head Island, SC
- Stair surveys for several private/rental residences throughout coastal SC

Life Safety:

- Stair survey, Dermatology Office, Hilton Head Island, SC
- Handicap ramp evaluation, Restaurant, Hilton Head Island, SC
- Stair survey, Marina Variety Store, Charleston, SC
- Slip and fall survey, Hyams Landscaping, Charleston, SC
- Slip and fall survey, Elks Lodge, Murrells Inlet, SC