

**Christopher L. Matthews**

President and Principal

Jacksonville, Florida

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PROFESSIONAL PROFILE

Christopher Matthews is President and a Principal Consultant for GCI Consultants and has been a member of the GCI team since 2002. He has over forty years of experience working with exterior building envelope systems, specializing in the design, installation, water infiltration resistance, performance assessment, and hurricane readiness of these systems.

He has consulted with owners, architects, engineers, insurers, and builders on hundreds of projects in 45 of the 50 United States, throughout North America, and in several Caribbean countries. In addition, he serves as a litigation support consultant and expert witness in disputes related to exterior building envelope system installation, performance and design.

Matthews has worked extensively in the successful design and construction of new buildings of all types and the forensic investigation and repair of existing structures with envelope performance problems. He is a member of various industry organizations and has published several technical articles in industry periodicals and is a frequent speaker and presenter to other industry professionals.

PROFESSIONAL EXPERIENCE

2021 - Present: **President**

GCI Consultants, LLC (Jacksonville, FL)
Building envelope consulting and engineering firm

2013 - 2021: **Vice President, Principal Consultant**

GCI Consultants, LLC (Jacksonville, FL)
Building envelope consulting and engineering firm

2006 - 2013: **Vice President, Senior Consultant**

GCI Consultants, LLC (Jacksonville, FL)
Building envelope consulting and engineering firm

2002 - 2006: **Consultant**

GCI Consultants, LLC (Jacksonville, FL)
Building envelope consulting and engineering firm

1996 - 2002: **Vice President – Branch Manager**

Crawford Tracey Corporation (Jacksonville, FL)
Commercial glazing design, manufacturing and installation firm

- 1987 - 1996: **Vice-President – General Manager**
Crawford Tracey Corporation (Headquarters)
Commercial glazing design, manufacturing and installation firm
- 1985 - 1987: **Accounting Manager**
Crawford Tracey Corporation
Commercial glazing design, manufacturing and installation firm

EDUCATION

- 1984 **Bachelor of Science with High Honors – Business Administration**
University of Florida (Gainesville, FL)
- Major: Finance
- Phi Kappa Phi National Honor Society, Dean's List, President's List

PAST CERTIFICATIONS

AWCI Certified EIFS Inspector

Certified Building Commissioning Professional

PROFESSIONAL ASSOCIATIONS

American Society for Testing and Materials (ASTM)
Member

International Institute of Building Enclosure Consultants (IIBEC)
Member

REPRESENTATIVE PROFESSIONAL ASSIGNMENTS

GCI Consultants

Provide leadership, management and accountability in day-to-day corporate operations. Perform building construction consulting and expert services for: product manufacturers, attorneys, contractors, architects, developers and owners. Types of buildings include: office buildings, institutional buildings, retail buildings, hospitals, airports, schools, hotels, condominiums, apartments, municipal buildings, and private residences. Services include design, analysis, testing, investigation, documentation, commissioning, project management, inspections and associated services related to new or existing installations of glass, windows, doors, storefronts, curtain walls, skylights, wall assemblies, wall cladding systems, and waterproofing systems. Specialty focus is on the design, performance and water integrity of new and existing building envelope systems.

A partial list of assignments includes:

- 222 Glenwood (Raleigh, NC)
- 675 North Highland (Atlanta, GA)
- 1075 Loop Road (Atlanta, GA)

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- 2061 Peachtree Medical Office Building (Atlanta, GA)
 - 2828 Peachtree (Atlanta, GA)
 - 3379 Peachtree Office Building (Atlanta, GA)
 - Accent Morningside (Atlanta, GA)
 - Accent 2050 (Atlanta, GA)
 - Adelia (Nashville, TN)
 - Aetna Building (Jacksonville, FL)
 - Alexan 360 (Atlanta, GA)
 - Alexan Brookhaven (Atlanta, GA)
 - Alexan Daniel Island (Daniel Island, SC)
 - Alexan Garrett Farms (Durham, NC)
 - Alexan North Hills (Raleigh, NC)
 - Alexan Panther Creek (Raleigh, NC)
 - Alexan South Square (Durham, NC)
 - Amelia Surf and Racquet Club (Amelia Island, FL)
 - Aria Condominium (Longboat Key, FL)
 - Aspire North Druid Hills (Atlanta, GA)
 - Aspire Waterworks (Atlanta, GA)
 - Augustine Island Condominium (St. Augustine, FL)
 - Baptist Medical Center Fleming Island MOB (Orange Park, FL)
 - Baptist Medical Center South MOB III (Jacksonville, FL)
 - Baptist Medical Center MOB (Ponte Vedra, FL)
 - Bascom Palmer Building (Naples, FL)
 - Bellevue Apartments (Nashville, TN)
 - Berry College Cage Center (Rome, GA)
 - Buckhead Atlanta Mixed Use (Atlanta, GA)
 - Burroughs and Chapin Campus Building (Myrtle Beach, SC)
 - Cancer Treatment Centers of America (Newnan, GA)
 - Camana Bay (Cayman Islands, BWI)
 - Cambria at Hammock Dunes (Palm Coast, FL)
 - Campus Towers Restoration (Jacksonville, FL)
 - Campus USA Headquarters (Gainesville, FL)
 - Canterbury Tower (Tampa, FL)
 - Cancer Treatment Centers of America (Newnan, GA)
 - Cape Canaveral Hospital (Cocoa Beach, FL)
 - Capital City Convention Center (Jackson, MS)
 - Caribe Royale (Orlando, FL)
 - Cayman Corporate Center (Cayman Islands)
 - CDC Building 109 (Atlanta, GA)
 - Chatham County Health Center (Savannah, GA)
 - City First Credit Union (Jacksonville, FL)
 - Colin Powell Plaza (Kingston, Jamaica)
 - Colonial Town Park Building 400 (Lake Mary, FL)
 - Costa Verano Tower (Jacksonville Beach, FL)
 - Crest Bonita Springs (Bonita Springs, FL)
 - Crest at Brier Creek (Raleigh, NC)
 - Cricket Square Phase VI (Cayman Islands, BWI)
 - Davis Hospital and Medical Center (Layton, UT)
 - Deaconess Gateway Hospital (Newburgh, IN)

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- Deer Park School (Tampa, FL)
 - Disney Stores (U.S.)
 - Duluth Village (Duluth, GA)
 - Dunn Medical Office Building (Jacksonville, FL)
 - Dyer Residence (Palm Coast, FL)
 - East Central Lofts (Charleston, SC)
 - Effingham Hospital (Springfield, GA)
 - Elliston Place (Nashville, TN)
 - Enterprise Park Office Buildings (Jacksonville, FL)
 - Evolve Bloomington (Bloomington, IN)
 - Glenwood Regional Medical Center (West Monroe, LA)
 - Government Office Building (Cayman Islands)
 - Gulf Coast Medical Center (Panama City, FL)
 - Henrico Doctors' Hospital ED/ICU Tower (Richmond, VA)
 - Haines City Medical Office Building (Haines City, FL)
 - Hillman Residence (Orange Beach, AL)
 - Holmes Regional Medical Center OB Expansion (Melbourne, FL)
 - Hue Condominium (Raleigh, NC)
 - Hyatt Place (Jacksonville, FL)
 - Jet Blue Training Center (Orlando, FL)
 - John B. Amos Cancer Center (Columbus, GA)
 - John Knox Village (Pompano Beach, FL)
 - Laurel Apartment Tower (Nashville, TN)
 - M. Agnes Jones Elementary School (Atlanta, GA)
 - Marriott World Center (Orlando, FL)
 - Memorial Health Heart Center (Savannah, GA)
 - Metrocenter Apartments (Nashville, TN)
 - Metropolitan Building (Jacksonville Beach, FL)
 - Met West 2 (Tampa, FL)
 - Minorca Condominiums (New Smyrna Beach, FL)
 - Mountain Vista Medical Center (Mesa, AZ)
 - Montage Resort and Spa (Park City, UT)
 - Mt. Paran Christian School (Marietta, GA)
 - NASCAR Headquarters (Daytona Beach, FL)
 - North Central Baptist Hospital (San Antonio, TX)
 - Northeast Baptist Hospital (San Antonio, TX)
 - Northside Hospital (Atlanta, GA)
 - Oak Park School (Tampa, FL)
 - Old San Jose Condominium (Jacksonville, FL)
 - Olde Towne Yacht Club (Morehead City, NC)
 - Omni Amelia Island Plantation (Amelia Island, FL)
 - Orange Park Medical Center (Orange Park, FL)
 - Peabody Hotel and Convention Center (Orlando, FL)
 - Phillips Point (West Palm Beach, FL)
 - Pier Point Condominium (Jacksonville Beach, FL)
 - Pinnacle Office Building (Jackson, MS)
 - Plant Vogtle In-Processing Facility (Waynesboro, GA)
 - Portofino at Hammock Dunes (Palm Coast, FL)
 - Providence Medical Office Building (Waco, TX)

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- Racetrack Rd. FSED (St. Johns, FL)
 - Rio Grande Regional Hospital (McAllen, TX)
 - Ritz-Carlton (Ft. Lauderdale, FL)
 - Saint Joseph's Cancer Care Center (Savannah, GA)
 - Savannah High School (Savannah, GA)
 - Savannah Technical College (Savannah, GA)
 - Savona at Hammock Dunes (Palm Coast, FL)
 - Sawgrass Country Club Clubhouse (Ponte Vedra Beach, FL)
 - Select Specialty Hospital (Pensacola, FL)
 - Seminole Community College/UCF Joint Use Facility (Orlando, FL)
 - Seven Springs Apartments (Brentwood, TN)
 - Shell Island Resort (Wrightsville Beach, NC)
 - Southcrest Hospital and Medical Office Building (Tulsa, OK)
 - Spaulding Regional Hospital (Griffin, GA)
 - Spotsylvania Regional Medical Center (Fredericksburg, VA)
 - St. Andrews Apartments (Augusta, GA)
 - St. Johns Medical Center (Jackson, WY)
 - St. Joseph's Hospital Emergency Department Expansion (Savannah, GA)
 - St. Joseph's Hospital NICU (Savannah, GA)
 - St. Regis Hotel and Residences (Atlanta, GA)
 - Standard Atlanta (Atlanta, GA)
 - Standard Charlottesville (Charlottesville, VA)
 - Standard College Station (College Station, TX)
 - Standard Gainesville (Gainesville, FL)
 - Standard Raleigh (Raleigh, NC)
 - Stealth Hospital and Medical Office Building (Houston, TX)
 - Stonefire (Berkeley, CA)
 - Stoneridge Retirement Community (Mystic, CT)
 - Sumner on Ridgewood (Copley, OH)
 - The Metropolitan (State College, PA)
 - The Standard (Athens, GA)
 - The Standard (Boone, NC)
 - The Standard (Knoxville, TN)
 - The Standard (St. Louis, MO)
 - Toho Water Authority Headquarters (Kissimmee, FL)
 - University of Central Florida College of Medicine (Orlando, FL)
 - University of Florida Biomedical Building (Gainesville, FL)
 - University of South Florida College of Business (St. Petersburg, FL)
 - Veteran's Administration Medical Center (Johnson City, TN)
 - Veteran's Administration Medical Center (Orlando, FL)
 - Venetian Bay Condominiums (Palm Bay, FL)
 - Viera Hospital Fitness Center (Melbourne, FL)
 - Villa Les Gaiacs (Saint-Barthélemy, French West Indies)
 - Water's Edge Condominium (Jacksonville Beach, FL)
 - Watermark Tower (North Bergen, NJ)
 - Watersong at Viera (Melbourne, FL)
 - Wellstar Vinings (Atlanta, GA)
 - West End Village (Nashville, TN)
 - Westin Hotel (Grand Cayman, Cayman Islands, BWI)

- Westin Hotel (Sarasota, FL)
- Whole Foods (Franklin, TN)
- Wind Creek Casino Hotel (Wetumpka, AL)
- Women's and Children's Medical Center (Lafayette, LA)
- YMCA of Avery County (Linville, NC)

A complete list of professional assignments is available upon request

Crawford Tracey Corporation

As Vice President, Branch Manager of North Florida Branch (Jacksonville) responsibilities included establishing all aspects required to create, maintain and continue growth of a full-service branch of this commercial glazing design, manufacturing and installation firm. Specifically:

- Develop and implement marketing, estimating and sales strategies
- Establish presence as a resource to architects and contractors in the proper design and implementation of all types of conventional and structural glazing systems
- Establish required vendor/supplier relationships
- Locate, lease and build-out manufacturing/office facility
- Hire and supervise required office, shop and field staffs
- Perform project management duties

In 1996, North Florida sales and name recognition were zero. In 2002, annual branch sales averaged \$3,000,000 and the firm was recognized as one of the two leading glazing contractors in Northeast Florida. A partial list of completed projects includes:

- Circle West Office Building (Jacksonville, FL)
- Veranda Office Building (Ponte Vedra Beach, FL)
- Bethel Baptist Church (Jacksonville, FL)
- Bank of America Office Building (Jacksonville, FL)
- Bowden Corners Office/Warehouse Complex (Jacksonville, FL)
- Sawgrass Village Hotel and Retail Building (Ponte Vedra Beach, FL)
- Maitland Promenade Building Two (Maitland, FL)
- Pan Am Flight Academy (Orlando, FL)
- Butler Plaza Buildings One and Two (Jacksonville, FL)
- Educational Community Credit Union Headquarters (Jacksonville, FL)
- Collier Office Building (Jacksonville, FL)
- First Baptist Church Children's Center (Jacksonville, FL)
- America Online Call Center (Jacksonville, FL)
- Crossroad Church (Jacksonville, FL)
- Florida Community College at Jacksonville Advanced Technology Building
- Metris Office Building (Jacksonville, FL)
- World Golf Village Retail Buildings (St. Augustine, FL)

Crawford Tracey Corporation

As Vice President-General Manager duties included all aspects of daily management of the firm and reporting to the Board of Directors. During tenure, sales increased from an annual average of \$2,500,000 to over \$8,000,000. and hundreds of projects ranging in size from \$1,000. to over \$2,000,000. were successfully completed. Direct responsibilities included

management of department heads of: sales, project management, drafting/design, field operations, manufacturing, safety, and accounting/office/human resource functions.

Additional areas of responsibility included: legal issues, contract negotiations, plant acquisition and management, employee benefits, and banking/bonding/insurance relationships.

Crawford Tracey Corporation

As Accounting Manager, responsibilities included the research, purchase and implementation of the firm's first automated accounting system. This involved developing systems for project-costing including integrated payroll and material costing functions. The firm's internal financial statements were prepared for independent audit for the first time, and the first corporate line-of-credit and bonding line were established.

EDUCATION, SEMINARS, SYMPOSIUMS

- 2023 IIBEC Building Enclosure Symposium: Building the Future: Harnessing the Power of AI in the Building Enclosure Industry, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Fenestration Replacement: Identifying Design Solutions for Existing Buildings, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Design Implications of Envelope Backstops in Energy Codes, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Building Enclosure Commissioning: A Valuable Service to Owners, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Developing and Implementing an Ethics Strategy for Professional Consulting Firms, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Facade Inspection Ordinances – History, Techniques, and Case Studies, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Lessons Learned from Building Enclosure Delegated Design Disasters, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Mind the Gap: Waterproofing Considerations in Property Line Construction, Orlando, FL
- 2023 IIBEC Building Enclosure Symposium: Mind the Gap: Making Fenestration Part of Your Overall Energy Management Plan, Orlando, FL
- 2023 Engineering Investigations of Hurricane Damage: Wind versus Water, ASCE Webinar
- 2022 Tornado Awareness and Risk Mitigation, ICC Government Relations/ICCsafes.org Webinar
- 2020 Insulated Concrete Forms (ICFs): Benefits & Advantages
Tremco Construction Products Group, AIA Accredited Webinar

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- 2020 Methods of Prevention and Investigation of Insulating Glass Failures, FGIA Webinar
 - 2017 RCI Building Envelope Technology Symposium: A Field Study of Thermal and Hygrothermal Performance on Attics with Various Retrofitting Strategies, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: Orders of Failure in Building Skin Design and Construction, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: You've Lost that Sealing Feeling: Sealant Restoration for High-Rise Buildings, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: A Simple Solution: An SPF Retrofit to Stop Leakage, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: Roof Water Catchment and Filtration Systems, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: When Form Really Does Follow Function: Aesthetics Informed by Environmental Conditions, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: Designing Rooftop Amenity Spaces: Complexity, Coordination, and Conflict Avoidance, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: High-Performance Buildings: Integrating the Wall and Roof Air Barriers, Orlando, FL
 - 2017 RCI Building Envelope Technology Symposium: Flashing of Curtainwall and Storefront Systems in Commercial Applications, Orlando, FL
 - 2016 RCI Building Envelope Technology Symposium: The Performance of Weather-Resistant Barriers in Stucco Assemblies, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Aluminum Windowsill Anchors and Supplemental Waterproof Flashing Design Practices, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: The Ideal Third-Party Warranty: A Risk-Managed Approach, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Playing Against a Stacked Deck: Restoration of a Stone Fine Facade, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Everyone Loves a Pool, But What's Lurking Beneath the Surface?, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Design Principles for Tower and Steeple Restoration, Houston, TX

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- 2016 RCI Building Envelope Technology Symposium: When the Numbers Don't Work: Engineering Judgement Tips for Historical Buildings, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Air Barrier Integration: Don't Entangle Yourself With These Common Pitfalls, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Upgrading the Performance of Heritage Windows to Suit Modern Design Conditions, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Design Considerations for Renewing Podium Waterproofing, Houston, TX
 - 2016 RCI Building Envelope Technology Symposium: Fully Soldered Metal Roofing: More Complicated Than You Think, Houston, TX
 - 2015 RCI Building Envelope Technology Symposium: Too Hot to Keep Your Cool, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Curtain Wall Sunshade Challenges, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Starting Over: Re-Skinning Deteriorated Masonry Walls in Occupied Condominium Towers, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Common Deficiencies with Public School Building Envelopes, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Authenticity vs. Stability: Challenges in Restoring the Sun Building, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Conventional and Nonconventional Repair of Curtain Wall Systems, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Horizontal Above-Grade Waterproofing, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: How to Evaluate Moisture Durability Issues Due to Air Leakages in Highly Insulated Walls, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: When the Field Performance of Masonry Does Not Correlate with Lab Test Results, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Replacing a Failing Building Enclosure: A Challenging Canadian Case Study, Nashville, TN
 - 2015 RCI Building Envelope Technology Symposium: Challenges in Preservation Engineering: Restoring a 100-Year-Old Historical Terra Cotta Facade, Nashville, TN

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- 2014 RCI Building Envelope Technology Symposium: Lock-Strip Gasket Curtain Wall – How Old is Too Old, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Electronic Leak Detection Methods for Locating Leaks in Waterproofing Membranes, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Quantitative Heat Transfer for Low-Slope Roof Membranes, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Fan Pressure Testing for Large, Complex Buildings, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Not-So-Pretty In Pink: Death of a Thin-Stone Veneer, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: The Fundamentals of Design for Proper Energy Conservation, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Detailing in Transition: Hybrid Walls and the Evolution of Terra Cotta Detailing, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: The Energy Penalty Associated With the Use of Mechanically Attached Roofing Systems, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Onshore vs. Offshore Curtain Wall Systems, Tampa, FL
 - 2014 RCI Building Envelope Technology Symposium: Reducing Condensation Risk in Buildings, Tampa, FL
 - 2013 RCI Building Envelope Technology Symposium: Building Envelope Solutions for 1960's Vintage Construction, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: The Last Few Feet: Parapet Design, Issues, and Repair, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: Creative Solutions for Challenging Curtain Wall Conditions, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: A Review of Research Conducted to Determine the Effectiveness of Air Barrier Installations, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: Evaluating As-Built Properties of Masonry Wall Systems Using Investigative Laboratory and In-Situ Testing Techniques, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: Developments in Wind Testing of Building Envelope Systems, Minneapolis, MN

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- 2013 RCI Building Envelope Technology Symposium: On the Edge: Defensive Strategies for Roof Perimeters, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: Does My Wall Assembly Have to Comply with NFPA 285?, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: Monitored Field Performance of Conventional Roofing Assemblies – Measuring the Benefits of Insulation Strategy, Minneapolis, MN
 - 2013 RCI Building Envelope Technology Symposium: Evaluation of Panelized EIFS Wall Assembly System, Minneapolis, MN
 - 2013 ABAA Annual Conference: Four Barriers for Four Wetting Potentials, Chicago, IL
 - 2013 ABAA Annual Conference: Basic Air Barrier Requirements, Chicago, IL
 - 2013 ABAA Annual Conference: Design Considerations for Air Barriers, Chicago, IL
 - 2013 ABAA Annual Conference: Building Enclosure Commissioning, Chicago, IL
 - 2013 ABAA Annual Conference: Masonry Veneer Anchors and Air Barriers, Chicago, IL
 - 2013 ABAA Annual Conference: Advanced Consideration for Air Barriers, Chicago, IL
 - 2013 ABAA Annual Conference: Key Junctions and Interfaces for Air Barriers, Chicago, IL
 - 2013 ABAA Annual Conference: Whole Building Air Tightness Testing, Chicago, IL
 - 2013 ABAA Annual Conference: Air Barrier Case Studies, Chicago, IL
 - 2013 ABAA Annual Conference: Field Testing and Inspection of Air Barriers, Chicago, IL
 - 2012 The Association of Energy Engineers: Fundamentals of Building Commissioning, Orlando, FL
 - 2011 RCI Building Envelope Technology Symposium: What Do You Mean There is No Base Flashing Height, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Common Installation Problems for Aluminum-Framed Curtain Walls, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Preventing Failures in Hot-Applied Rubberized Asphalt Systems, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Re-Cladding Case Study: CUNA Mutual Insurance Society Building, Charlotte, NC

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- 2011 RCI Building Envelope Technology Symposium: A Rising Concern: Failures of Adhered Rigid Insulation, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: The Latest and Greatest Enclosure Systems, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Nonconventional Approaches to Façade Restoration, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Going Beyond the Green Fuzzy: Measuring Runoff Reduction of Modular Vegetative Roofs, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Design Consideration for Open-Joint Rainscreen Cladding Systems, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Thermal Performance of Three-Dimensional Building Envelope Details, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Performance Concerns with Wood-Framed Attics, Charlotte, NC
 - 2011 RCI Building Envelope Technology Symposium: Effects of Wintertime Condensation Particular to High-Rise Buildings, Charlotte, NC
 - 2011 BASF: Fluid-Applied Air, Vapor and Water-Resistive Barriers Function and Specification, Jacksonville, FL (Webinar)
 - 2011 RCI Region Meeting: Heat Reflective Exterior Wall Coatings, Jacksonville, FL
 - 2011 RCI Region Meeting: Delivering Energy Efficient Air and Vapor Barrier Systems, Jacksonville, FL
 - 2011 RCI Region Meeting: Understanding the Critical Elements of Below Grade Waterproofing, Jacksonville, FL
 - 2011 GANA: Glass Week Building Envelope Conference, Las Vegas, NV
 - 2011 AWCI: EIFS Doing it Right, Orlando, FL
 - 2010 RCI Building Envelope Technology Symposium: Addressing Roof Leaks by Fixing a Wall Problem, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: Lessons Learned from Curtain Wall Failure Investigation, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: Cement Plaster Metrics: Quantifying Stucco Shrinkage and Other Movements; Crack Acceptability Criteria for Evaluating Stucco, San Antonio, TX

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- 2010 RCI Building Envelope Technology Symposium: Hidden Holes in Balcony Waterproofing Applications, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: The Designer's Dilemma: Modern Performance Expectations and Historic Masonry Wall Systems, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: Saving Our Facilities, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: When Horizontal Meets Vertical, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: In Between: Designing Joints within Facades, San Antonio, TX
 - 2010 RCI Building Envelope Technology Symposium: Metal Roofing: Platform for Renewable Energy Systems, San Antonio, TX
 - 2010 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: Glazing Systems for High Velocity Hurricane Zones by Crawford Tracey Corp., Palm Beach Gardens, FL
 - 2010 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: Sustainable Glazing Design by Viracon, Palm Beach Gardens, FL
 - 2009 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: Understanding Air Barriers by Tremco, Inc., West Palm Beach, FL
 - 2009 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: Weather System Coatings and Products for Remedial Applications by GE Construction Products, West Palm Beach, FL
 - 2009 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: Blast Resistant Glazing Systems and Testing by Hurricane Test Laboratory, West Palm Beach, FL
 - 2008 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: An Overview of AAMA 511-08 by Glazing Consultants International, LLC., West Palm Beach, FL
 - 2008 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: Below Grade Waterproofing and Deck Coating by Tremco, Inc., West Palm Beach, FL
 - 2008 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: The Roofing Industry and SBS Modified Bitumen Roofing by Soprema, Inc., West Palm Beach, FL
 - 2007 ASTM International, Symposium on "Up Against the Wall": An Examination of Building Envelope Interface Techniques and Systems, Tampa, FL

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- 2007 Glazing Consultants International, LLC. Consultants' Professional Education Seminar: SBS Modified Bitumen Roofing Systems, and Terapros Waterproofing and Surfacing Systems by Siplast, Palm Beach Gardens, FL
- 2007 CSI Annual, "Leadership 101," Baltimore, MD
- 2007 CSI Annual, "Where Weather Meets the Wall," Baltimore, MD
- 2007 CSI Annual, "Roof System Design," Baltimore, MD
- 2007 CSI Annual, "Preventing Moisture in Building Envelopes," Baltimore, MD
- 2007 CSI Annual, "Avoiding Water Intrusion in Field Assembled Glazing Systems," Baltimore, MD
- 2006 Viracon Commercial Glass School and Glass Performance Pitfalls, West Palm Beach, FL
- 2006 Glazing Consultants International, LLC. Consultants' Professional Education Meetings, West Palm Beach, FL
- 2005 Glazing Consultants International, LLC. Consultants' Professional Education Meetings, West Palm Beach, FL
- 2004 CSI Annual, "Stucco Overview," Chicago, IL
- 2004 CSI Annual, "Value Engineering Building Envelope Systems," Chicago, IL
- 2004 CSI Annual, "Mold: The Prevention is Cheaper than the Cure," Chicago, IL
- 2004 CSI Annual, "Below-Grade Waterproofing," Chicago, IL
- 2003 Glass Build America, "Curtain Wall Mock-Up and Field Testing", Atlanta, GA
- 2003 Georgia-Pacific Corporation Continuing Education, "Moisture and Mold Control in Buildings," Atlanta, GA

PUBLICATIONS

Matthews, Christopher, "Sealant Joints: Don't ignore this small component and its big mission," Glass Magazine, June/July 2011, pp. 40-43.

Matthews, Christopher, "Liquid Barriers," Glass Canada, October 2009, pp. 28-32.

Smith, William D. and Matthews, Chris, "Glass and Glazing Advancements Increase Efficiency," Archi-Tech, September 2008, pp. 8-10.

Matthews, Christopher, "Water, Water Everywhere," Construction Canada, September 2007, pp. 46-52.

PRESENTATIONS

“The Building Envelope: Avoiding the Issues”, Auld and White Constructors, Jacksonville, FL, September 2023

“Building Envelope Basics and Pitfalls”, Auld and White Constructors, Jacksonville, FL, December 2019

“Façade Investigations... What goes wrong?”, AIA Ft. Lauderdale, Ft. Lauderdale, FL, September 2019

“Hurricane Irma: Lessons Learned”, AIA Ft. Lauderdale, Ft. Lauderdale, FL, September, 2018

“Hurricane Irma: Lessons Learned”, AIA Orlando, Orlando, FL, June, 2018

“Hurricane Irma: Lessons Learned”, AIA Jacksonville, Jacksonville, FL, June, 2018

“Waterproofing Exterior Walls: Latest Technologies and Techniques”, AIA Ft. Lauderdale, Ft. Lauderdale, FL, October, 2017

“Waterproofing Exterior Walls: Latest Technologies and Techniques”, AIA Tampa, Tampa, FL, October, 2016

“Waterproofing Exterior Walls: Latest Technologies and Techniques”, AIA Orlando, Orlando, FL, June, 2016

“Waterproofing Exterior Walls: Latest Technologies and Techniques”, AIA Jacksonville, Jacksonville, FL, June, 2016

“Proper Design of Commercial Glazing Systems”, AIA Palm Beach, West Palm Beach, FL, October, 2015

“Proper Design of Commercial Glazing Systems”, AIA Southwest Florida, Estero, FL, October, 2015

“Proper Design of Commercial Glazing Systems”, AIA Miami, Miami, FL, April, 2015

“Water Infiltration and Commercial Glazing Systems”, AIA Orlando, Orlando, FL, November, 2014

“Designing Building Envelopes for Hurricanes”, Zurich Risk Engineers Conference, West Point, NY, July, 2014

“Water Infiltration and Commercial Glazing Systems”, AIA Ft. Lauderdale, Dania Beach, FL, February, 2014

“Water Infiltration and Commercial Glazing Systems”, AIA Tampa/AIA Orlando, Tampa, FL, May, 2013

“Water Infiltration and Commercial Glazing Systems”, AIA Northeast Florida, Jacksonville, FL, November, 2012.

“The Building Envelope: Proper Construction and Quality Control”, Auld and White Constructors, Jacksonville, FL, July, 2012.

“Due Diligence Inspections of the Building Envelope”, Zurich Insurance Underwriters’ Conference, Palm Beach Shores, FL, March, 2011.

“Overview of Field Water Infiltration Testing”, Southeastern Glass Association, Orlando, FL, May, 2009.

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