



Curriculum Vitae

AUGUST 2, 2011

NAME: Edward L. Fronapfel, M.S.C.E., P.E., CBIE, CFCC, EDI, CBCP
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EDUCATION: Master of Science in Civil Engineering with emphasis on Structural Engineering, 2000, University of Colorado at Denver
Bachelor of Science in Civil Engineering, 1988, Colorado State University, Fort Collins, Colorado

PROFESSIONAL COURSES AND SEMINARS AS A PRESENTER:

- Presenter: SEAKM Annual Meeting, Forensic Engineering, Wichita, Kansas, April 15, 2011
- Lecturer, Franklin L. Burns Schools of Real Estate and Construction Management, Daniels College of Business, University of Denver, 2011 Courses Taught:
 - CMGT- 4480 Construction Project Management, XRCM, Summer Quarter, 2011
 - CMGT- 4177 Energy Design for Sustainable Development, Spring Quarter, 2011
 - CMGT-4177 Online Energy Design for Sustainable Development, XRCM, Winter Quarter, 2011
- Presenter: Wichita ASHRAE Chapter, Forensic Engineering for Building Inspections, Wichita, Kansas, November 18, 2010, 2 PDH
- Colorado Association of Home Builders (CAHB), 2010 Rocky Mountain Builders Conference, “Common Construction Defects & Tips for Avoiding Them”, October 7, 2010, 2 PDH
- Lecturer, Franklin L. Burns Schools of Real Estate and Construction Management, Daniels College of Business, University of Denver, 2010 Courses Taught:
 - CMGT-4177 Graduate Mechanical and Electrical Systems, XRCM, Winter Quarter, 2010
 - CMGT-3177-4177 Graduate Mechanical, Electrical and Plumbing Systems, Spring Quarter, 2010
 - CMGT-4480-1 Graduate Construction Project Management, Summer Quarter 2010 and XRCM, Summer Quarter 2010



- Presenter: 2009 ENERGY STAR Summit, Lessons From the Field - Advanced Building Science, "X-Ray Vision For Quality Construction: Infrared Diagnostics for Colorado", Stapleton, Colorado, December 9, 2009
- Presenter: Central New York ASHRAE Chapter, Snow Load Failures From the 2003 Colorado Blizzard, Syracuse, New York November 11, 2009
- Lecturer, Franklin L. Burns Schools of Real Estate and Construction Management, Daniels College of Business, University of Denver, 2009 Courses Taught:
 - CMGT-4700-1 Graduate Mechanical Electrical and Plumbing Systems, Spring 2009
 - CMGT-4480-1 Graduate Construction Project Management, Winter 2009, Summer 2009 and XRCM, Summer 2009
 - CMGT-4405-1 Graduate Residential Construction Systems, Fall 2009
- Presenter: NSPE Slips, Trips, and Falls Seminar (Part 2), October 15, 2008
- Presenter: Architectural Engineering Institute (AEI) of the American Society of Civil Engineers (ASCE), 2008 Building Integration Solutions Conference, Delivering Effective Testimony and Structural Floors and Design/Construction Issues, Denver, Colorado, September 24-27, 2008
- Presenter: NSPE Slips, Trips, and Falls Seminar (Part 1), September 17, 2008
- Presenter: 17th Annual National Expert Witness Conference, Delivering Effective Testimony: Arbitrations, Mediations, Judge and Jury Trials, Hyannis, Massachusetts, June 19, 2008
- Adjunct Professor, Franklin L. Burns Schools of Real Estate and Construction Management, Daniels College of Business, University of Denver, 2008 Courses Taught:
 - CMGT-4405-1 Graduate Residential Construction Systems, Spring 2008 (Fill in)
 - CMGT-3700 Undergraduate Mechanical/Electrical/Plumbing
 - CMGT-4700 Graduate Mechanical/Electrical/Plumbing
- Presenter: National Society of Professional Engineers, Construction Defects Part 1 and Part 2. March and April 2008, 3.0 Hours Presentation time each

- Presenter: University of Colorado Boulder, Building Systems Seminar, Part 1 of 2 Forensic Engineering Regarding Light Frame Structures and Standards of Care, February 2008, 1 hour, Part 2, April 2008
- Presenter: Zurich Residential Summit, Colorado Springs, Colorado August, Panel Discussion "Top Five Shoulds and Should Nots," November 2007
- Co-Presenter: 2007 Zurich Home Builder Summit, Top 5 Should and Should Nots, October 2007, Colorado Springs, Colorado, 1.5 Hours
- Adjunct Professor, Franklin L. Burns Schools of Real Estate and Construction Management, Daniels College of Business, University of Denver, 2007 Courses Taught:
 - CMGT-2160-1 Undergraduate Residential Construction Systems, Fall 2007
 - CMGT-4405-1 Graduate Residential Construction Systems, Fall 2007
- Presenter: Charleston, South Carolina ASHRAE Chapter, Crawlspace and Structural Wood Floor Design, September 2007, Charleston, South Carolina
- Presenter: "Walking the Ethical Tightrope: Engineering, Insurance Claims and Litigation Case Studies," Edward L. Fronapfel, M.S., P.E. and Kenneth R. Bennington, Esq., Presenter, 8 Hours, May 2007
- Presenter: EIFS/Stone Seminar for National Farmers Insurance, 2.0 hours, April 2007
- Presenter: Puerto Rico ASHRAE Chapter, Construction Defects and Litigation, Ponce and Hato Rey, Puerto Rico, March 1 and 2, 2007
- Presenter: Southern California ASHRAE Chapter, Construction, Mold and Litigation, January 2007, Los Angeles, California
- Presenter: Inframation October 2006, Las Vegas, Nevada, Infrared, Determination of Emissivity of Common Construction Materials, October 2006
- Co-Presenter: Reserve Studies and Construction Compliance Reports, MSI, CAI, July 2006
- Co-Presenter: Metal Building Design Systems in Colorado, Lorman Education Services, PMI 6.00, CSI 0.60, IACET 0.60, AIA/HSW 6.00, May 18, 2006, Seminar ID 363955

- Co-Presenter: Walking the Ethical Tightrope: Engineering, Insurance Claims, and Litigation Case Studies, (6) hours Wyoming Insurance Adjuster (3 ethics credits), (5.5) hours Registered Professional Adjuster (RPA), (7) hours Colorado Legal Education (CLE) (3.6 ethics credits), (6) hours Colorado Insurance Property & Casualty Agent (3 ethics credits), May 2006
- Co-Presenter: Reserve Studies and Construction Compliance Reports, ACCU, CAI, May 2006
- Co-Presenter: Colorado Division of Insurance, Department of Regulatory Agencies, Property and Casualty Claim Subrogation, Insurance Regulatory Examiners Society, May 2006
- Presenter: New Mexico ASHRAE, ASHRAE Distinguished Speaker Request, Forensic Engineering in Construction Defects (Specific Case Review), Albuquerque, New Mexico, April 2006
- Presenter/Attendee: Architectural Engineering Institute, ASCE, Speaking regarding Synthetic Stone Veneers, Attendee: Building Envelope I, II, Curtain Walls, The Building Envelope Design Guide, Noise and Vibration Control I, II, Panel Discussion on Case Studies, Omaha, Nebraska, March 2006
- Presenter: Pikes Peak ASHRAE, ASHRAE Distinguished Speaker Request, In Floor Heat Infrared Analysis, Colorado Springs, Colorado, November 2005
- Presenter: Idaho ASHRAE, ASHRAE Distinguished Speaker Request, Forensic Engineering in Construction Defects (Specific Case Review), Boise, Idaho, November 2005
- Presenter/Attendee: Inframation October 2005, Las Vegas, Nevada, Infrared, Infrared Imaging and Log Construction and Analysis of HVAC System and Building Performance Utilizing IR, Physical Measurements and CFD Modeling, October 2005
- Presenter: Northwest Florida ASHRAE, ASHRAE Distinguished Speaker Request, Forensic Engineering in Construction Defects, Pensacola, Florida, October 2005
- Presenter: Lorman Construction Defect Claims in Colorado, Seminar ID 333109, Colorado Supreme Court Board of Continuing Legal and Judicial Education, Wyoming State Bar, Colorado Springs, August 2005
- Presenter: Lorman Change Orders in Colorado, Seminar ID 353554, AIA 6.5, ISM 6.50, IACET 0.65, PMI 6.5, WY CLE 6.75, CPE 8.0, CO CLE 8.0, Bankers 9.00, Grand Junction, Colorado, July 2005

- Presenter: Colorado Division of Insurance, Department of Regulatory Agencies, and Defining Defect Verses Claim, Insurance Regulatory Examiners Society, Part 2 of 2, July 2005
- Presenter: Lorman Change Orders in Colorado, Seminar ID 337893, AIA 6.5, ISM 6.50, IACET 0.65, PMI 6.5, WY CLE 6.75, CPE 8.0, CO CLE 8.0, Bankers 9.00, Colorado Springs, Colorado, May 2005
- Presenter: Ottawa Chapter ASHRAE, ASHRAE Distinguished Speaker Request, 2003 Snow Claims, Structural Review, Ottawa, Ontario, April 2005
- Presenter: Colorado Division of Insurance, Department of Regulatory Agencies, and Defining Defect Verses Claim, Insurance Regulatory Examiners Society, Part 1 of 2, March 2005
- Presenter: Lorman Change Orders in Colorado, Seminar ID, Seminar ID 337893, AIA 6.5, ISM 6.50, IACET 0.65, PMI 6.5, WY CLE 6.75, CPE 8.0, CO CLE 8.0, Bankers 9.00, Denver, Colorado. January 2005
- Presenter: Lorman Construction Defect Claims in Colorado, Seminar ID 333109, Colorado Supreme Court Board of Continuing Legal and Judicial Education, Wyoming State Bar, January 2005
- Presenter: Jackson Hole Wyoming Construction Defect Claims, December 2004
- Presenter: Inframation October 2004, Las Vegas, Nevada, Infrared Applications for Post Construction Radiant Heating Systems, October 2004
- Presenter: Construction Defect Claims Course, 6 WY credits, 5.5 RPA credits, 7 CO Legal, 6 CO Agent, August 2004
- Presenter/Attendee: Professional Engineers of Colorado Annual Meeting and Conference, Presenter: Residential Design Standard of Care Based on HUD and PATH, June 2004, Attendee: Exploring Mars, Helical Piers, Fire Cause and Origin
- Presenter: International Code Council, Colorado Chapter, The March 2003 Snow Event and Resulting Damages, April 2004
- Presenter: Jefferson/Boulder/Metro Professional Engineers of Colorado: Snow Collapses and the March 2003 Blizzard, March 2004
- Presenter: Pikes Peak Regional ASHRAE: Forensics in Building Sciences, February 2004
- Presenter: Van Gilder Insurance Company: Construction Defects and the Long Term Effects, January 2004

- Presenter: Lorman Construction Defect Claims in Colorado, Seminar ID 333109, Colorado Supreme Court Board of Continuing Legal and Judicial Education, Wyoming State Bar, January 2004
- Presenter: Professional Engineers of Colorado: The March 2003 Snow Event and Resulting Damages, December 2003
- Presenter: International Code Council, Colorado Chapter, The March 2003 Snow Event and Resulting Damages, December 2003
- Presenter: The Center for Property & Casualty Insurance Training, Construction Defects - Past, Present & Future, (3 CE's for CO and WY CLE, RPA, WY Adjuster), Denver, Colorado, October 2003
- Presenter/Attendee: Inframation 2003, Las Vegas, Nevada: Infrared Applications in the Fields of Forensic & Construction Defect Engineering, October 2003
- Presenter: Construction Defects and Snow Failures, Lake County Home Builders Association, June 2003
- Presenter: Construction Defects, PIE Seminar, Registered Professional Adjuster (RPA), State of Colorado Supreme Court Board of Continuing Legal and Judicial Education, Wyoming Adjuster Continuing Education Credits, May 2003
- Panel Presenter: Denver Mold Conference, May 2003
- Presenter: Mold, Causes and Cures, Co-Presenter, Standard of Care and Case Study, Professional Engineers of Colorado Annual Meeting, May 2003
- Presenter: Markel Homes, Inc., Analysis, Prevention and Review of Construction Defects, March 2003
- Presenter: Boulder County Chapter of the Home Builders Association, Construction Defects and Mold, February 2003
- Presenter: Construction Defect Claims in Colorado, Lorman Education Services, 318721, January 2003
- Presenter: City and County of Denver, EIFS and Stucco Construction, December 2002
- Presenter: City of Aurora, Structural Wood Floors and Moisture Control
- Presenter: Colorado Truss Manufacturers Association, Mold, Litigation and Construction Defects, December 2002
- Presenter: Toxic Mold; What You Can Do To Prevent Litigation, Colorado Roofing Association, Denver, Colorado, September, 2002

- Presenter: Denver Claims Association: The Effects of Construction Deficiencies on Claims (9829 Wyoming Legal Credits), April, 2002
- Co-Presenter: Mold: Background, Problems, Remediation, HBA, April 2002
- Co-Presenter: Small Construction Problems Lead to Large Damages: CAI 2002 Spring Showcase, April 2002
- Presenter: Amber Homes/Sub-consultants, Aurora, Colorado, Construction Issues, January 24, 2002
- Presenter: Tri-County Health Department, Adams, Arapahoe, and Douglas Counties, Structural Floors and Design/Construction, December 21, 2001
- Presenter: Quad State Conference of Building Officials Meeting, Colorado, Kansas, Nebraska, and Wyoming, Design and Construction Defects and Long Term Effects, November 11, 2001
- Presenter: County of Douglas, Design, Construction Defects and the Long Term Impacts, July 2001
- Presenter: County of Larimer, Design, Construction Defects and the Long Term Impacts, July 2001
- Presenter: City of Littleton/Englewood, Design, Construction Defects and the Long Term Impacts, July 2001
- Presenter: City of Westminster, Design, Construction Defects and the Long Term Impacts, June 2001
- Presenter: Colorado Chapter, Inc. International Conference of Building Officials, Structural Wood Floors and Construction Defects, Attendee. June 2001
- Presenter: City of Arvada, Design, Construction Defects and the Long Term Impacts, April 2001
- Presenter: City of Thornton, Design, Construction Defects and the Long Term Impacts, April 2001
- Presenter: City of Broomfield, Design, Construction Defects and the Long Term Impacts, May 2001
- Presenter: HBA QCC, Structural Floors, March 2001
- Presenter: Professional Engineers of Colorado, Jefferson and Metro Chapter Meeting, "Design and Construction Defects," March 2001
- Presenter: City and County of Denver, Design, Construction Defects and the Long Term Impacts, January 2001

- Presenter: EEBA, Building for Peak Performance Conference 2000. Attendee, Structure/Sub-Basement "Failures & Best Practices," Denver, Colorado, October 2000
- Presenter: CAI, Colorado Fall Conference From Construction Defects Through Reconstruction, October 2000
- Presenter: Denver Claims Association, Construction Defects and the Long Lasting Impacts, May 2000
- Presenter/Attendee: CAGE, Steeply Dipping Bedrock, April 27, 2000
- Presenter: International Conference of Building Officials, Annual Conference, Colorado Chapter: Foundation Failures and Prevention of, December 1998
- Presenter: Metro Chapter CAI, Property Assessment Issues on Replacement of Reserve Items, Spring 1998
- Presenter: Colorado Springs, CAI on Water and Soil Issues, August 1997
- Presenter: "Can You Fix This? Structural Engineering Issues," March 1997
- Presenter: Residential Design, Expansive Soils Course, University of Colorado, Denver, Colorado
- Association of Energy Engineers (AEE), Training Program, Fundamentals of Building Commissioning, Long Beach, California, June 14-16, 2011, 20 PDH
- ASHRAE, HVAC Design Essential Workshop, Atlanta, Georgia, May 18-20, 2011, 18 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Deflection Calculation of Concrete Floor - Immediate: Long-Term; Cracking, May 6, 2011, 1.5 PDH
- National Society of Professional Engineers (NSPE) Web Seminar, The Fundamentals of Finance and Accounting for Engineers, April 21, 2011, 1.0 PDH
- SEAK, "Advanced Deposition Skills For Experts" James J. Mangraviti, Jr., Golden, Colorado, March 8, 2011, 2.0 PDH
- SEAK, "Cross Examination of Expert Witnesses - Tactics and Defenses for Attorneys and Expert Witnesses," James J. Mangraviti, Jr., Golden, Colorado, March 8, 2011, 5.25 PDH
- S.K. Ghosh Associates Inc., Transitioning from the 2006 IBC to the 2009 IBC Structural Provisions, February 16, 2011, 8 PDH
- Everblue Training Institute, RESNET - HERS Training Course, Home Energy Rating System, January 24 - 28, 2011, 32 hours of training, 3.2 CEU

**PROFESSIONAL
COURSES AND
SEMINARS AS AN
ATTENDEE**

- SunCam Online Continuing Education Course #025, Laws and Rules, January 17, 2011, 4 PDH
- National Academy of Forensic Engineers (NAFE) Annual Meeting, Tucson, Arizona, January 14-16, 2011, 8 PDH
- HalfMoon LLC, Seminar, Building Net Zero Energy Homes and Businesses, Denver, Colorado, December 10, 2010, 6 PDH
- CPE Solutions, LLC, Online Interactive, Fire Safety, November 30, 2010, 1 PDH
- CPE Solutions, LLC, Online Interactive, Foundation Walls, November 30, 2010, 1 PDH
- W.R. Grace & Co. , Preprufe, Advanced Bond Technology, Workshop, Boston, Massachusetts, August 5, 2010, 8 PDH
- W.R. Grace & Co. , Perm-A-Barrier, Workshop, Grace Perm-A-Barrier Systems, Boston, Massachusetts, August 4, 2010, 8 PDH
- American Institute of Steel Construction (AISC) Seminar, Effective Steel Design: Step-by-Step Design for Commercial and Industrial Buildings, Denver, Colorado, July 22, 2010, 8 PDH
- American Institute of Steel Construction (AISC) Seminar, HSS Connection Design, Chapter N: Quality Control and Quality Assurance, and Panel discussion: BIM – A Closer Look at Local Practices, Denver, Colorado, July 21, 2010, 7 PDH
- National Academy of Forensic Engineers (NAFE) Annual Meeting, Orlando, Florida, July 15 – 17, 2010, 8 PDH
- RAM JACK Seminar, Foundation Evaluation and Pile Installation for the RAM JACK SYSTEMS, July 1, 2010, 1 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, An Introduction to ASCE 7-10 Wind Loads, Part III, June 17, 2010, 1 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Condition Evaluation of Existing Structures Part 2: Masonry and Wood, June 15, 2010, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Condition Evaluation of Existing Structures Part 1: General Methods, Concrete and Steel, June 8, 2010, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, An Introduction to ASCE 7-10 Wind Loads, Part I, April 5, 2010, 1 PDH
- Lorman Education Services – Eichleay Damages and Delay Claims, Teleconference, March 26, 2010, 1.5 PDH

- American Society of Civil Engineers (ASCE) Web Seminar, Design & Rehabilitation of Foundation on Expansive Soils, March 22, 2010, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Structural Design of Steel Stairs and Rails, March 3, 2010, 1.5 PDH
- Lorman Education Services - Shop Drawings and Other Construction Submittals - Legal and Architectural Perspectives Teleconference, March 1, 2010, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Lessons From Failures of Pre-Engineered Buildings, December 16, 2009, 1.5 PDH
- Consulting-Specifying Engineer (CSE) Webcast, IBC Seismic and Wind Load Compliance for Non-Structural Components, December 3, 2009, 1 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Deciphering Building Code Provisions for Structural Renovation, December 2, 2009, 1.5 PDH
- National Society of Professional Engineers (NSPE) Web Seminar, Forensic Engineering, November 17, 2009, 1.0 PDH
- Building Design + Construction Webcast, Fundamentals of Fenestration: Windows, Doors and Glazing Materials, October 26, 2009
- American Society of Civil Engineers (ASCE) Web Seminar, Wind and Seismic Retrofit of Wood-Framed Buildings, October 22, 2009, 1.5 PDH
- National Society of Professional Engineers (NSPE) Web Seminar, Solving the Risks in Green Design, October 15, 2009, 1.0 PDH
- National Society of Professional Engineers (NSPE) Web Seminar, Ethics Forum Part II: Objectivity, Truthfulness, and Preserving Confidentiality, October 7, 2009, 1.0 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Investigation and Repair of Fire-Damaged Framing, September 30, 2009, 1.5 PDH
- Journal of Architectural Coatings, Air Barrier Systems for Sustainable Masonry Walls, August 20, 2009
- Lorman Education Services - Managing Post-Construction Claims Teleconference, August 20, 2009, 1.5 PDH
- Lorman Education Services - Design Codes and Standards for Noise Control Teleconference, June 30, 2009, 1.5 PDH

- Post Tension Institute – Post – Tensioning Inspector Level 2 Certification Workshop, Denver, Colorado, June 27 and 28, 2009, 1.2 CEU
- Kawneer Company, Inc., K99-107 “Storefront vs. Curtain Wall” April 8, 2009, 1 LU/HSW
- Lorman Education Services – Pros and Cons of Cost-Plus vs. Fixed Price Contracts Web Seminar, March 20, 2009, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Underpinning and Strengthening of Foundations, March 13, 2009, 1.5 PDH
- Building Envelope Technology, Inc., Roof Technology Maintenance and Inspection Training Course, March 2 to 6, 2009, Ontario, Canada, 29.5 CEH for RCI
- Lorman Education Services – Implied Obligations in Construction Contracts Web Seminar, February 27, 2009, 1.5 PDH
- NSPE – National Society of Professional Engineers The Hidden Risks of Green Construction: Why Moisture and Mold Problems are Likely Webinar, February 24, 2009, 1.0 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Prepare for the California Structural Engineering Seismic Examination Review, February 12, 2009
- NSPE – National Society of Professional Engineers Recent Contractual Issues of Importance to Engineers Webinar, February 11, 2009, 1.0 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Advanced Snow Loads, February 6, 2009, 1.0 PDH
- Lorman Education Services – CPM in Construction Management: Preventing and Measuring Delays Web Seminar, February 5, 2009, 1.5 PDH
- NSPE – National Society of Professional Engineers EJCDC Documents Webinar, February 4, 2009, 1.0 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Design of Wood Columns and Wall Studs, February 3, 2009, 1.5 PDH
- SunCam Online Continuing Education Course #012, Laws and Rules, January 26, 2009, 4 PDH
- Lorman Education Services – Understanding LEED 2009 for Sustainable Building, Web Seminar, January 15, 2009, 1.5 PDH

- American Society of Civil Engineers (ASCE) Web Seminar, Design of Wood Diaphragms and Shear Walls, January 13, 2009, 1.5 PDH
- SWR - Sealant, Waterproofing & Restoration Institute Webinar, Fundamentals of Joint Sealants in Building and Construction Applications, December 9, 2008, 1 CEU
- National Society of Professional Engineers (NSPE), Construction Phase Risk Management: Critical Issues in Construction Contract Administration, November 5, 2008, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Critical Path Method: Introduction to the Method and Software, September 5, 2008, 1.5 PDH
- National Academy of Forensic Engineers Annual Meeting, Portland, Oregon, July 26, 2008
- Honeywell, Huntsman and NCFI: Design Right and Build Strong: Storm-resistant Homes Using Closed-cell Spray Foam for Strength and Energy Efficiency, Webinar, July 16, 2008
- Insurance Regulatory Examiners Society, Infrared Inspections for Determination of Claims, April 10, 2008
- ASHRAE Humidity Control 2 Basic Principals, Loads and Equipment, ASHRAE Online Course, April 2008, 3 PDH
- ASHRAE Humidity Control I Basic Principals, Loads and Equipment, ASHRAE Online Course, March 2008, 3 PDH
- University of Denver, Global Delegation Tour, Dubai, March 2008, 20 hours
- WUFI - ORNL 4.0, WUFI Pro 4.1 and Weather Analyzer 1.0, Oak Ridge National Laboratory and Fraunhofer Institute of Building Physics, Portland, Oregon, February 2008, 18 hours
- Post Tension Institute - Level I Inspector Course, Denver, Colorado, 16 hours, December 2007
- SEAK - Advanced Testifying Skills for Experts, Naples, Florida, 1 CEU (12/16 Hours), November 2007
- RCI - Annual Conference, Whole Building, Plaza Waterproofing, Corrosion Assessment, Slate Roofs, Wall Cladding, CFRP Bars 6 PDH, Boston, Massachusetts, November 2007
- American Society of Civil Engineers (ASCE) Web Seminar, Strengthening Concrete Buildings, November 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Deterioration and Repair of Concrete, November 2007, 1.5 PDH

- EEBA 2007 Excellence in Building Conference, St. Paul, Minnesota, Solutions for Houses That Work, October 2007, 4 Hours
- American Society of Civil Engineers (ASCE) Web Seminar, Renovation of Wood Trusses, September 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Design and Renovation of Wood Structures, August 2007, 1.4 CEU (14 hours)
- American Society of Civil Engineers (ASCE) Web Seminar, Reinforced Masonry Design, August 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Hurricane Katrina Series, Soil and Erosion Protection, August 2007, 1.5 PDH
- American Institute of Architects, Geotechnical, Environmental and Testing Issues for Buildings in Houston, Forensic Evaluation of Distressed Buildings, 3 Learning Units, Houston, August 2007
- Auburn University Distant Learning, Soil Basics for Engineers, V000105G, 1 CEU (6 hours), August 2007
- American Society of Civil Engineers (ASCE) Web Seminar, Hurricane Katrina: Wave Forces and Overtopping, July 2007, 1.5 PDH
- National Academy of Forensic Engineers, General Topics in Forensic Engineering, 8 Hour, Denver, Colorado, July 2007
- National Society of Professional Engineers, Fire Protection Forensics, 1.5 PDH, Denver, Colorado, July 2007
- National Society of Professional Engineers, Clear Writing, The Key to Information, 1.5 PDH, Denver, Colorado, July 2007
- National Society of Professional Engineers, Stand Out: Management Skills that Make a Difference, 1.5 PDH, Denver, Colorado, July 2007
- American Society of Civil Engineers (ASCE) Web Seminar, Avoiding Problems in Specifying Metal Roofing, July 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Design of Brick-Veneer Systems, June 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Foundations for Metal Building Systems, June 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Renovation of Slabs on Grade, June 2007, 1.5 PDH

- Expert Report Writing Workshop, SEAK, PIE In-house, June 2007, 8 Hours
- American Society of Civil Engineers (ASCE) Web Seminar, Renovation of Masonry Façade, May 2007, 1.0 PDH
- Noise Control Design for Condominiums and Multi-Family Dwellings, Lorman Web Seminar, April 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Design of Steel Lintels in Masonry Walls, April 2007, 1.5 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Wind and Seismic Retrofit of Buildings, April 2007, 1.5 PDH
- Fundamentals of HVAC Systems, IP, ASHRAE, December 2006 Ongoing December 2006, 3.5 PDH
- The American Council of Engineering Companies Ethics Guidelines - Geographic Information Systems, December 2006, 8 PDH
- Moisture Control in Residential Structures, I-Course, December 2006, 8 PDH
- Residential Duct Basics, I-Course, December 2006, 3 PDH
- American Society of Civil Engineers (ASCE) Web Seminar, Deterioration and Repair of Concrete, November 2006, 1.5 PDH
- Introduction to Crawlspace and Slab on Grade Construction, NACHI 3 PDH, November 2006
- American Society of Civil Engineers (ASCE) Web Seminar, Design of Brick-Veneer Systems, September 2006
- Moisture Control and the Building Envelope II, Building Design and Construction, July 2006, 1.5 AIA/CES LU
- National Academy of Forensic Engineers, General Topics in Forensic Engineering, Boston, Massachusetts, 8 Hours, July 2006
- National Expert Witness Conference, 15th Annual, SEAK, 16 Hours, Boston, Massachusetts, June 2006
- Expert Report Writing Workshop, SEAK, 8 Hours, Boston, Massachusetts, June 2006
- Advanced Deposition Skills for Experts, SEAK, 8 Hours, Boston, Massachusetts, June 2006
- Steep Sloped Roofing, Educate Pros, 1 AIA/CES, 1 CFM, 1 FMP, 1CMP, June 2006, (Jack Skyepeck, RRC)
- Quality Management Introduction, 1 CEU, RedVector, May 2006

- Roofing Material – Asphalt Shingles, 2 CEU, RedVector, May 2006
- Roofing Material – Concrete Tiles, 2 CEU, RedVector, May 2006
- Leak Detection in Roofs, 1 CEU, RedVector, May 2006
- Snow Load Provisions in ASCE 7-05, May 2, 2006
- Level II, Thermography Training Course, Infrared Training Center, Phoenix, Arizona, January 2006
- Geotech Engineering and Testing and Foundation Performance Association, Seminar, Foundations on Expansive Soils, Houston, Texas, November 2005
- EEBA 2005 Excellence in Building Conference, Colorado Springs, Colorado, Solutions for Houses That Work, October 2005
- National Academy of Forensic Engineers, General Topics in Forensic Engineering, Chicago, Illinois, July 2005
- Professional Engineers of Colorado, 2005 Annual Conference, Five Year Strategic Plan, Construction Cost Information, Historic Truss Bridges, Dillon Dam Reservoir, Square Foot Estimating, The Politics of Engineering, Colorado Board of Registration, Sustainable Design, Mustard Gas Disposal, June, 2005
- National Academy of Forensic Engineers, General Topics in Forensic Engineering 6/8ths, July 2004
- Basements and Crawlspace, EEBA, June 2004
- Mold Prevention Windows and Doors, EEBA, June 2004
- Mold Prevention Walls, EEBA, June 2004
- Mold Prevention Roofs, EEBA, June 2004
- Mold Prevention Foundations, EEBA, June 2004
- Mold Prevention Fundamentals, EEBA, June 2004
- Property Condition Assessment, ASTM 218, The MGI Management Institute, Course No E-04, May 2004
- Post-Tensioned Concrete Design Spreadsheet Program, PDH Center, 4 PDH, April 2004
- Slab on Grade, Assessment, EEBA, April 2004
- Accepted ASHRAE Distinguished Lecturer for 2004-2006
- Nominated for Distinguished Speaker, ASHRAE, December 2003

- Post-Tensioning Institute, PTI Seminar: Fundamentals of Post-Tensioning, Design, Analysis, and Construction, November 2003
- Exterior Design Institute, EIFS 3rd Party Inspector Certification, January 2003
- American Concrete Institute, ACI 318-02 Building Code, Denver, Colorado, October 2002
- Roof Consultants Institute, Specifications and the Project Manual, Denver, Colorado, September 2002
- Level 1 Thermography Course, Elite Infrared Training Center, Boston, Massachusetts, April 2002
- AISC Regional Seminar Series Fundamentals of Connection Design, Denver, Colorado, February 2002
- ASHRAE, Denver Chapter, Structural Wood Floors and Design/Construction Guidelines, December 5, 2001
- EEBA 2001 Excellence in Building Conference, Orlando, Florida, Biology Meets Design, Building Systems, Healthier Homes, October 2001
- ACI - Reinforced Concrete Design - An Overview of Design Methods for Concrete Construction, April 2001
- Colorado Chapter ICBO Education Institute, Soils Analysis and Foundation Design, Indoor Air Quality, Structural Concepts and Performance, March 2001
- HBA QCC - Soils and Foundation, March 2001
- ICBO "Overview of the Structural Provisions of the International Building Code," February 2001
- RCI - Rooftop Quality Assurance, Seattle, Washington, September 2000
- Investigative Engineers Association - National Convention, April 2000, 21 CEU
- Construction Defect Claims in Colorado, AIA, Lorman Education Services, Denver, Colorado, January 2000
- NFPA 921, Fire Investigation Classes, Professional Investigative Engineers, June 1999
- Fire Investigation, Peter Vallas Associates, Inc., Investigative Engineers and Associates, March 1999
- Forensic Procedures for Accident Investigations, Renfroe Engineering, Investigative Engineers and Associates, March 1999
- The New Masonry Code, ACI, Fall 1998

- Panel Member regarding suing the developer, Metro Chapter CAI, Spring 1998
- Material Evaluation for Structural Condition Assessment of Existing Structures, September 1997
- SSTC Design and Specification of Structural Welding, April 1997
- Abacus Wind Seminar, ASCE 7-95, December 1996
- Expansive Soils, Problems and Practice in Foundation and Pavement Engineering, Dr. Nelson, Deborah Miller, Spring 1996
- ASCE Soil Consolidation and Settlement, November 1996
- PCA Structural Concrete Update, ACI-95, March 1996
- ACI Code Update, PCI, March 1996
- Roofing Technology, The Roofing Industry Educational Institute, August 1996
- UBC Structural 1994, update November 1995
- Foundation Design, Colorado University of Denver, 1995
- CUHP/UDSWMM Programming, UDFCD, August 1995
- FHA Rivers in the Highway Environment, July 1994
- Detention/Recharge Design for Stormwater Management, NCSPA, Denver, Colorado, 1993
- Aquifer Reclamation and Source Control, New Jersey Institute of Technology, 1990
- Hydrological and Water Quality Modeling, Cook College Short Course, Rutgers University, 1989
- Freshwater Wetlands Regulations, NJDEP, Bureau of Freshwater Wetland, 1989
- Storm Water Management Model, PCSWMM, Guelph University, 1989
- Urban Stormwater Management, Methods and Regulations, American Society of Civil Engineers, North Jersey Branch, 1989
- Ground Water Modeling using FEM, Dr. Sunada, CSU 40 Hours, 1988
- Groundwater Resource Management, Cook College, New Jersey, 1988

**PROFESSIONAL
REGISTRATIONS:**

The National Council of Examiners for Engineering and Surveying
Record (NCEES) – 32485

State of Alabama Professional Registered Engineer, Interim Permit
No. C-11-346

State of Arizona Professional Registered Engineer - 51687

State of Colorado Professional Registered Engineer - 29473

State of Florida Professional Registered Engineer - 66764

State of Georgia Professional Registered Engineer - PE032848

State of Kansas Professional Registered Engineer - 20139

State of Louisiana Professional Registered Engineer - 36128

State of Michigan Professional Registered Engineer - 6201055964

State of Minnesota Professional Registered Engineer - 46830

State of Mississippi Professional Registered Engineer - 17766

State of Missouri Professional Registered Engineer - PE-
2008022440

State of Montana Professional Registered Engineer - 19746

State of Nebraska Professional Registered Engineer - E-11109

State of Nevada Professional Registered Engineer - 018465 CE

State of New Mexico Professional Registered Engineer - 14293

State of North Carolina Professional Registered Engineer - 034188

State of North Dakota Professional Registered Engineer - 4086

State of Oklahoma Professional Registered Engineer - 24823

State of Oregon Professional Registered Engineer - 82971 PE

State of South Carolina Professional Registered Engineer - 27965

State of Texas Professional Registered Engineer - 98154

State of Utah Professional Registered Engineer - 7913116-2202

State of Virginia Professional Registered Engineer - 0402047440

State of Washington Professional Registered Engineer - 45594

State of Wyoming Professional Registered Engineer - 8322 CE

Certified Third Party Inspector/MA, Exterior Design Institute CO-
16

Level I, Certified Infrared Thermographer No. 13573

Level II, Certified Infrared Thermographer, No. 46588

National Academy of Building Inspection Engineers (NABIE) -
Board Certified Building Inspection Engineer, No. 111

International Association of Certified Home Inspectors
(InterNACHI), August 2006, NACHI06081680

Post Tension Inspector Level I – License No. 12090711

The Association for the Advancement of Cost Engineering International, (AACE) Certified Forensic Claims Consultant, CFCC Number 45, June 2007

**PROFESSIONAL
ORGANIZATIONS:**

RESNET Infrared Committee, Tasked with providing oversight by the RESNET Technical and Training and Education Committees. Responsibility to maintain the process for the approval of trainers, the curriculum for the course, and the writing of the test questions. Member, October 2010 to present

Franklin L. Burns Schools of Real Estate and Construction Management, Daniels College of Business, University of Denver, Adjunct Professor, 2007 , 2008, 2009 and 2010

Jefferson County Colorado, Board of Review, May 2006 to March 2012, Regular Member

National Academy of Forensic Engineers, Senior Member, #675-S

National Academy of Building Inspection Engineers, Professional Member, June 2007

**PROFESSIONAL
AFFILIATIONS:**

American Concrete Institute (ACI)

Architect Engineers Institute (AEI)

Association of Energy Engineers (AEE)

American Forest Products Association

American Institute of Steel Construction (AISC)

American Institute of Timber Construction (AITC)

American Society of Civil Engineers (ASCE)

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Building Officials Council of America (BOCA)

Colorado Association of Home Builders (CAHB)

Community Association Institute (CAI)

Certified Building Commissioning Professional (CBCP)

Colorado Chapter of Building Officials

Colorado State Association of Flood Plain Managers (CSAFPM)

Energy Efficient Building Associations (EEBA)

The Forensic Engineering Task Force, The Colorado State Board of Licensure for Professional Engineers and Land Surveyors, 2004 through 2006

Foundation Performance Association (FPA)

Home Builders Association (HBA)
International Code Council, Colorado Chapter (ICC)
International Conference of Building Officials (ICBO)
International Log Builders Association (ILBA)
Investigative Engineers Association (I-Eng-A)
Moisture Management Taskforce (HBA and Tri-County)
Member/Speaker
National Fire Protection Agency (NFPA)
National Institute of Building Sciences (NIBS)
National Society of Professional Engineers (NSPE)
Post Tension Institute, Professional Member, June 2006
RESNET - Certified Home Energy Rater, April 15, 2011
Roofing Consultants Institute (RCI)
Structural Engineers Association of Colorado (SEAC)
The Engineered Wood Association (APA) Professional
Membership
The Society for Protective Coatings (SSPC)
January 2010 - Present: Owner, SBSA, Inc.

**PROFESSIONAL
HISTORY:**

Forensic Engineering involving Building Envelopes, Structural, Civil, and Engineering in the Jurisprudence Market. Clients include Attorneys, Homeowners, Property Management Companies, Building Owners, Developers, and General Contractors. Building Envelope Design, Analysis and Testing. Structural Engineering including Design and Analysis. Civil Engineering regarding drainage, grading, layout and review.

1999 to 2009: Principal, Professional Investigative Engineers

Forensic Engineering involving Building Envelopes, Structural, Civil, and Personal Injury Claims. Clients include Attorneys, Insurance Companies Homeowners, Property Management Companies, Building Owners, Developers, and General Contractors. System analysis including building envelope (roofing, veneers, interface components) review to determine longevity, claim damage, installation requirements and function issues, Mechanical System Reviews, Radiant Heat System Review, Log Home Structures. Structural engineering including forensic investigations of failures and performance. Civil engineering review regarding compliance, flood proofing, soils interaction issues. Forensic Engineering Services including expert witnessing, file review, and subrogation matters. Quality Assurance for New

Design and Repair Design on behalf of Builders, Developers, Architects, and Home Owner Associations. New design of single family structures. Design of civil, structural, perimeter drain systems, crawlspace ventilation systems, and building envelopes. Analysis of HVAC systems by testing with blower doors, pressure testing, flow measurements, and modeling of thermal characteristics.

1995 to 1999: Project Manager, Gillans Incorporated

Design of steel, wood, masonry, and concrete structures up to 3 stories in height for residential and light commercial structures. Analyze structural, civil, roofing, and waterproofing details for residential and commercial properties. Design of repair for failed structural members in residential and industrial buildings. Forensic engineering for private clients, insurance clients, and lawyers. Project manager for staff of 1 to 15 people. Investigations of structural safety for fire-damaged structures. Capital expenditure studies for private and housing authority clients.

1992 to 1995: Project Engineer, Muller Engineering

Regional hydraulics and hydrological studies for FEMA and local review and approval. Hydraulic modeling for bridge sizing and scour analysis. Open channel and closed system irrigation design and specification writing. Construction services for hydraulic projects. Network and CADD management.

1991 to 1992: Project Engineer, OEMC

Planning and design of the Upper Eagle Valley Regional Solids Facility. Included site planning, building layout, storm sewer, clarifier design, aerobic digester design, hydraulic modeling, pump design, specification review, structural design of clarifier and solids receiving. CADD management.

1988 to 1991: Assistant Engineer: Bausch Engineering and Surveying

Responsibilities included design, construction services for residential and commercial site development, non-standard in-situ sanitation facilities, hydrological studies and pollutant modeling. Project management, cost estimation, surveying, and CADD management.

**COURT TESTIMONY IN
THE LAST 4 YEARS:**

- The Dakota Ridge Village Condominium Association v. Dakota Ridge Village, LLC, District Court, Boulder County, Colorado, Case No. 09CV615, July 18 -20, 2011

- Horizon Pass Lodge LLC v. R.A. Nelson & Associates, Inc., District Court, Eagle County, Colorado, Case No. 08CV475, April 4, 2011
- Board of Licensure for Architects, Professional Engineers, and Professional Land Surveyors, v. Thomas M. Cope P.E. No. 24995, State of Colorado, Denver, Colorado, Case No. EN 2009-0002, June 1, 2010
- Legacy Apartments, LP, v. Pinkard Construction Company; et al., District Court, Boulder County, Colorado, Case No. 03CV703, May 10 and 11, 2010
- Castle v. LT Builders, LLC et al, District Court, Larimer County, Colorado, Civil Action, Case No. 04-CV-2483, April 23, 2010
- Chrispat Aspen, LLC v. Fenton Construction, Inc., District Court, Pitkin County, Colorado, Case No. 05CV111, April 21 and 22, 2010
- Kristopher P. Lecciso and Antonia M. Gaona v. 2247 Lowell Boulevard, LLC v. Matthew Brink, Denver County, District Court, Colorado, Case No. 08CV4348, January 15, 2010
- Stone Canyon Homeowners Association, Inc., v. B Corp Stone Canyon, LLC, et al., Arapahoe County, District Court, Colorado, Case No. 07CV401, September 28 and 29, 2009
- Central Park Townhomes Condominium Association v. Central Park Townhomes, LLC, Fairfield Homes at Central Park, et al., Arapahoe County, District Court, Colorado, Civil Action 06 CV 4013, January 20, 2009
- Heritage Townhomes At Legacy Ridge Owners Association, Inc., V. Heritage Farm At Legacy Ridge, LLC; Cessna Associates, Ltd.; And Heritage Greens At Legacy Ridge, LLP, District Court, Adams County, Colorado, Case No. 06-CV-522, June 2008
- West End Lofts Condominium Owners Association v. West End Loft, LLC, et al, District Court, Denver County, Case No. 06CV12520, June 2008
- Mark G. Pannell and Jennifer D. Pannell v. Keller Homes and Elite Properties of America, Inc, District Court, El Paso County, Colorado, Case No. 06CV2115, June 2008

- Big Time Burgers, LLC versus SaySay Holdings, LLC, CMC Group, Inc.; and Graham Benes; Denver District Court, County of Denver, Case No. 07CV720 on issues related to Low Slope EDPM Roofing, Pre-Cast Concrete Panel Waterproofing and Joint Sealants, May 2008
- Central Park Townhomes Condominium Association v. Central Park Townhomes, LLC, Fairfield Homes at Central Park, et. al., Arapahoe County, District Court, Colorado, Civil Action 06 CV 4013, February 2008
- Monterra Homes (Cattails), LLC, v. Chris Valduga, The Post-Tension Group, LLC and William Phillips, Jefferson County District Court, Colorado, Civil Action 2006CV4244, January 2008
- Blitstein, et al. v. Townhome Association of Arrowhead Village, et. al., District Court, Eagle County, Colorado, Civil Action 2004-CV-37, Division H, November 2007
- Moser v. Adams et al. District Court, County of Cheyenne, Nebraska, Case No. CI05-50, April 2007
- Eleven-One-Eleven Condominium Association v. Collins Companies, District Court, Arapahoe County, Colorado, Case No. 2005-CV-5871, March 2007
- Espinoza v. Jasso d/b/a Solitaire Construction, District Court, County of Denver, Colorado, Case No. C2006-CV-3178, Ctrm. 18, March 2007
- The Saint Andrews at Plum Creek Condominium Association v. D.R. Horton Inc, Denver dba D.R.Horton - Trimark Series, District Court, County of Douglas, Colorado, Case No. 04 CV 1638, Division 2, February, March 2007
- WL Homes LLC Doing Business As John Laing Homes, For Itself, And As Successor-In-Interest To Watt Residential Partners, Doing Business As Watt Homes - Colorado Division v. The Joseph W. Bowles Reservoir Company, Et Al., District Court, County Of Jefferson, Colorado, Case No. 04 CV 1878 Div. 2, January 2007
- Testified, Kleckner v. Keller Homes, Inc, and David Keller, District Court, El Paso County, Colorado, Case No. 05-CV-25, October 2006
- Testified, North Hills Company, LLLP, vs. Martin/Martin, Inc., Wiss, Janney, Elstner Associates, Lund, and Thomas, District Court, Jefferson County, Colorado, Case No. 05-CV-1862, June 2006

**DEPOSITION
TESTIMONY IN THE
LAST 4 YEARS:**

- Buffalo Run Properties Homeowners Association, Inc., v. Buffalo Run Properties, LLC., Adams County District Court, Case No. 10CV381, June 29, 2011
- Reliant Structural Warranty Insurance Company, Inc. (Preserve at Briargate) v. Ark Construction Services, Inc., El Paso County District Court, Case No. 2009CV3846, May 11, 2011
- The Dakota Ridge Village Condominium Association v. Dakota Ridge Village, LLC, District Court, Boulder County, Colorado, Case No. 09CV615, April 18, 2011
- Fronterra Village Multifamily Community Association, Inc. v. Pulte Homes, Judicial Arbitrator Group, Inc., Denver, Colorado, JAG No. 2009-1894A, January 21, 2011
- Fronterra Village Multifamily Community Association, Inc. v. Pulte Homes, Judicial Arbitrator Group, Inc., Denver, Colorado, JAG No. 2009-1894A, December 22, 2010
- Beach Colony Resort on Navarre East Condominium Association, Inc., v. Landmark American Insurance Company, Agren Blando Court Reporting, 216 16th Street, Suite 650, Denver, Colorado 80202, Case No. 06754CA, December 9, 2010
- John Damron v. Park Regency Condominium Association, Inc., District Court, City and County of Denver, Colorado, Case No. 09CV11927, October 28, 2010
- Booth Creek Townhouse Association v. Crestone Building Company, District Court, Eagle County, Colorado, Case No. 09CV128, October 26, 2010
- Robert L. Hall and Sandra G. Hall v. Infinity Builders, Inc., District Court, Mesa County, Colorado, Case No. 2008CV480, October 20, 2010
- Fronterra Village Multifamily Community Association, Inc. v. Pulte Homes, Judicial Arbitrator Group, Inc., Denver, Colorado, JAG No. 2009-1894A, October 13, 2010
- Churchill B. McMurrain v. Rich and Krusen Design Inc. d/b/a RKD Architects, Inc. and Jack Snow, District Court, Eagle County, Colorado, Case No. 08CV441, June 28, 2010
- The Dakota Owners Association v. Buchanan Yonushewski Group, LLC, District Court, Denver County, Colorado, Case No. 08CV6382, June 14, 2010
- The Ryland Group, Inc. v. JELD-WEN, Inc., District Court, Denver County, Colorado, Case No. 2008CV2688, May 18, 2010

- Mark N. Pomeroy and Charlene K. Pomeroy v. Commercial Associates of Mecklenburg, Inc. d/b/a Greenhorn Builders, and Wade H. Howey, Judicial Arbitrator Group, Inc., Denver, Colorado, JAG No. 10-0227A, May 7, 2010
- Bear Valley Park Condominium Association, Inc., v. BVPC, LLC, et al, District Court, Denver County, Colorado, Case No. 08CV335, May 5, 2010
- The Dakota Owners Association v. Buchanan Yonuszewski Group, LLC, District Court, Denver County, Colorado, Case No. 08CV6382, April 26 and 27, 2010
- Legacy Apartments, LP, v. Pinkard Construction Company; et al., District Court, Boulder County, Colorado, Case No. 03CV703, April 8, 2010
- Chrispat Aspen, LLC v. Fenton Construction, Inc., District Court, Pitkin County, Colorado, Case No. 05CV111, March 1, 2010
- The Riverwalk Diamond Building Association v. Eagle II Developers, Inc., et al, District Court, Eagle County, Colorado, Case No. 07CV27, December 8, 2009
- The Riverwalk Emerald Building Association v. Eagle II Developers, Inc., et al, District Court, Eagle County, Colorado, Case No. 07CV25, December 8, 2009
- The Riverwalk Amber Building Association v. Eagle II Developers, Inc., et al, District Court, Eagle County, Colorado, Case No. 07CV395, December 8, 2009
- Janna Snodgrass and Laura Hagen v The Christopher Group, LLC., District Court, City and County of Denver, Colorado, Case No. 2008CV2737, November 30, 2009
- Kensington Owners Association, Inc. v Linford Bros. Utah Glass Co., District Court, Adams County, Colorado, Case No. 2007CV986, November 19, 2009
- Fred and Julie Niehaus v. Renaissance Homes of Colorado, Inc., 370 17th Street, Suite 3500 Denver, Colorado 80202 Case No. 10630, October 22, 2009
- J.E. Dunn Construction Company v JELD-WEN, Inc., District Court, Denver County, Colorado, Case No. 2007CV1449, October 6, 2009
- Windmill Creek Association v. Windmill Creek, LLC, District Court, Arapahoe County, Colorado, Case No. 2008CV809, October 2, 2009

- Joan L. Nesbitt and Ken Christopher Nesbitt v. Robert Merlot, Castle Rock Construction of Palisades, Inc., District Court, Mesa County, Colorado, Case No. 2006CV483, August 21, 2009
- Anheuser-Busch, Inc. v. Thissen Construction Corporation, District Court, County of Larimer, Colorado, Case No. 2007CV442, August 10, 2009
- Alberta Town Center, LLC v. Callison Architecture, Inc., Brownstein, Hyatt, Farber & Schreck, 410 Seventeenth Street Suite 2200, Denver, Colorado, July 31, 2009
- Milender White Construction Company, Inc. v. Earl F. Douglass Roofing Company, d/b/a Douglass Roofing, Inc., District Court, City and County of Denver, Colorado, Case No. 2008 CV 3996, July 30, 2009
- Chamberlin Heights Owners Association, Inc. v. Steele Street Associates, LLC, et al., Buchanan Yonushewski Group, LLC, District Court, City and County of Denver, Colorado, Case No. 2007CV4840, May 28 and 29, 2009
- Stone Canyon Homeowners Association, Inc. versus BCorp Stone Canyon LLC, District Court, Arapahoe County, Colorado, Case No. 2007CV401, April 22 and 23, 2009
- Brek S. Mann and Lori J. Mann v. AJG Construction, LLC, Andrew Kubala, James A. Taylor, Y & X Construcion Inc., Salvador Villagrana, John Doe Subcontractors et. al., District Court, Arapahoe County, Colorado, Case No. 2006CV5727, March 18, 2009
- Beauvallon HOA v. Beauvallon Corp., et al, District Court, Denver County, Case No 07CV4112, February 2, 2009
- Central Park Townhomes Condominium Association, Inc., v. Central Park Townhomes, LLC., Fairfield Homes at Central Park, Inc., Kenneth M. Slyzuik, and Fairfield Construction Company, Inc., et. al., District Court, Arapahoe County, Colorado, Case No. 06-CV-4013, January 14, 2009
- Robert E. Wagner and Patricia A. Bainter v. Colony Park Homes, Inc. and Ben S. Blea, et al District Court, Arapahoe County, Case No. 07-CV-1104, December 9, 2008
- Castle Rock Development Company v. Turner Collie & Braden, Inc. et al District Court, Douglas County, Case No. 2008CV1370, December 4, 2008
- Heritage Greens at Legacy Ridge Homeowners Association, Inc. v. Heritage Greens at Legacy Ridge, LLP, District Court, Adams County, Colorado, Case No. 2006CV713, October 1, 2008

- Reconstruction Experts, Inc., a Colorado corporation v. MC Products, Inc. d/b/a Multicoat Corporation, a California corporation; Multicoat Corporation, a California corporation; and White Cap Construction Supply, Inc., a Delaware corporation, District Court, County of Jefferson, Colorado, Case No. 07 CV 3093, September 18, 2008
- Kensington Townhomes Homeowners Association v. Kensington Townhomes, LLC, et al District Court, Arapahoe County, Case No. 06CV5212, September 15, 2008
- McStain Enterprises, Inc. v. J.S. Escavating, Inc. and Robert Lorena, Adams County Court, Case No. 07CV33, Div. A, August 2008
- Stuart Fullinwider and Maria Fullinwider v. RWW, Inc., District Court, Denver County, Case No. 2008-0078, July 3, 2008
- West End Lofts Condominium Owners Association v. West End Loft, LLC, et al, District Court, Denver County, Case No. 06CV12520, May 7, 2008
- Heritage Townhomes At Legacy Ridge Owners Association, Inc., V. Heritage Farm At Legacy Ridge, LLC; Cessna Associates, Ltd.; And Heritage Greens At Legacy Ridge, LLP, District Court, Adams County, Colorado, Case No. 06-CV-522, April 2008, April 30, 2008, and May 20, 2008
- Progress Park Condominium Association, Inc. v. T&S Development, LLC, District Court, Arapahoe County, Colorado, Case No. 06CV3702, April 22, 2008
- Mark G. Pannell and Jennifer D. Pannell v. Keller Homes and Elite Properties of America, Inc, District Court, El Paso County, Colorado, Case No. 06CV2115, April 4, 2008
- Mountain Vista Estates Condominiums v. Fairfield Homes at Mountain Vista, LLC, District Court, Jefferson County, Colorado, Case No. 07CV2046, March 7, 2008
- Cornerstone Custom Homes, Inc. and KC Jones v. Vavold/Sigler et al., District Court, Douglas County, Colorado, Case No. 05CV1138, February 29, 2008
- Central Park Townhomes Condominium Association, Inc., v. Central Park Townhomes, LLC., Fairfield Homes at Central Park, Inc., Kenneth M. Slyzuik, and Fairfield Construction Company, Inc., et. al., District Court, Arapahoe County, Colorado, Case No. 06-CV-4013, February 26, 2008
- The Weitz Company v. RK Mechanical, et. al, District Court, City and County of Denver County, Civil Action, Case No. 204 CV 6871 , January 2008

- Trexlers v. Advantage Builders, Oddo Engineering, et. al, District Court, Garfield, Colorado, Civil Action, Case No. 2006 CV 84, January 22, 2008
- Castle v. LT Builders, LLC et al, District Court, Larimer County, Colorado, Civil Action, Case No 04-CV-2483, December 2007
- Central Park Townhomes Condominium Association, Inc., v. Central Park Townhomes, LLC., Fairfield Homes at Central Park, Inc., Kenneth M. Slyzuik, and Fairfield Construction Company, Inc., et. al., District Court, Arapahoe County, Colorado, Case No. 06-CV-4013, October 1, 2007
- Raymond v. Colorado Pacific Log Homes, Inc., District Court of Lincoln County, Nebraska, Case No. CI 04-263, September 18, 2007
- Carriage Gate Homeowners Association v. Carriage Gate LLC, et. al., District Court, County of Arapahoe, Colorado, Case No. 2005-CV-5403, August 13, 2007
- Lighthouse Diagnostic Imaging, LLC, v. H&H Systems and Design, Inc., et. al., District Court, County of Douglas, Case No. 2004-CV-1574, Civil Action No. 04-B-1429(PAC), June 11, 2007
- Townhomes At Windjammer Pointe Owners Association, Inc. v. National Development Corporation, National Development Corporation D/B/A Sundance Building Company; Windjammer, LLC; And Edward M. Gonzalez, District Court, County of El Paso, Colorado, Case No. 05CV214, April 18, 2007
- Principato, et al V. Lennar Family of Builders, GP, Inc., District Court, County of Jefferson, Colorado, Case No. 04CV2340, April 10, 2007
- Moore, Goetzfried V. Lexa Homes, Inc., et al., District Court, Weld County, Colorado, Case No. 03CV1479 , Division: 4, March 19, 2007
- McCarty v. James P. Malouff, District Court, County of Jefferson, Colorado, Case No. 05CV1934, March 2007
- Espinoza v. Jasso d/b/a Solitaire Construction, District Court, County of Denver, Colorado, Case No. C2006-CV-3178, Ctrm. 18, January 2007
- Moser v. Adams et al. District Court, County of Cheyenne, Nebraska, Case No. CI05-50, December 2006
- The Saint Andrews at Plum Creek Condominium Association v. D.R. Horton Inc, Denver dba D.R.Horton - Trimark Series, District Court, County of Douglas, Colorado, Case No. 04CV1638, Division 2, December 11, 2006

- WL Homes LLC Doing Business As John Laing Homes, For Itself, And As Successor-In-Interest To Watt Residential Partners, Doing Business As Watt Homes – Colorado Division v. The Joseph W. Bowles Reservoir Company, Et Al., District Court, County Of Jefferson, Colorado, Case No. 04CV1878 Div. 2, December 2006
- The Saddle Ridge of Ft. Collins Condominiums Association, Inc. v. C&A Scenic Views LLC, et. al., District Court, County of Larimer, Colorado, Case No. 03CV423, Division 4A, November 10, 2006
- Stark v. Davis Brothers Construction, Inc., The Davis Companies, Inc, et al., District Court, Jefferson County, Colorado Case No. 05-CV-264, September 2006
- Kleckner v. Keller Homes, Inc, and David Keller, District Court, El Paso County, Colorado, Case No. 05-CV-25, August 28, 2006
- Eleven-One-Eleven Condominium Association v. Collins Companies, District Court, Arapahoe County, Colorado, Case No. 2005-CV-5871, August 16, 2006
- Brown v. Officers’ Row Condominium Association, Inc., et. al., District Court, Denver County, Colorado, Case No. 04-CV-646, August 2006
- Alpine Bank, A Colorado Banking Corporation, Vs. Platt T. Hubbell, Kelley S. Hubbell, And Georgia Chamberlain, As Public Trustee Of Garfield County, Defendants/Third-Party Plaintiffs, Vs. Carney Brothers Construction, A Colorado Corporation, Ian Carney, Richard Carney, Teamcorp, Inc D/B/A Draft Tek, A Colorado Corporation, Thane R. Lincicome, T.J., Concrete Construction, Inc., A Colorado Corporation; And Kerry M. Karnan, District Court, Garfield County, Colorado, Case No. 05-CV 26-EWN-PAC, July 2006
- Provence Owners Association V. Metropolitan Builders, Inc.; Beacon Hill Investments, Inc. D/B/A Metropolitan Homes, Inc.; Grant Ranch 4c, LLC, Metropolitan Homes, District Court, County Of Denver, State Of Colorado, No. 2002-CV-7973, July 2006
- West Bowles Community Church v. Desert Valley Glass, et. al, Jefferson County, Colorado, AAA Arbitration, Case No. 063890.001, June 2006
- Four Hundred Third Avenue Condominium Association v. The Weitz Company, LLC, AAA, 1675 Broadway, Suite 2550, Denver, Colorado, Case No. 77 421Y0036610WYGI, May 2, 2011

ARBITRATIONS:

- Fronterra Village Multifamily Community Association, Inc. v. Pulte Homes, Judicial Arbiter Group, Inc., Denver, Colorado, JAG No. 2009-1894A, February 4, 11,14 and 15, 2011
- Mark N. Pomeroy and Charlene K. Pomeroy v. Commercial Associates of Mecklenburg, Inc. d/b/a Greenhorn Builders, and Wade H. Howey, Judicial Arbiter Group, Inc., Denver, Colorado, JAG No. 10-0227A, September 1, 2010
- Pat Simpson and Julia Simpson v. Kennedy Construction, LTD., Judicial Arbiter Group, 1601 Blake Street, Suite 400 Denver, Colorado 2009-0026, April 14, 2010
- Fred and Julie Niehaus v. Renaissance Homes of Colorado, Inc., JAMS 410 17th Street, Suite 1600, Denver, Colorado 80202, Case No. 10630, November 10, 2009
- Trexlers v. Advantage Builders, Oddo Engineering, et. al, District Court, Garfield, Colorado, Civil Action, Case No. 2006 CV 84, October 15, 2009
- Stuart Fullinwider and Maria Fullinwider v. RWW, Inc. Case No. 2008-0078, August 4, 2008, JAG
- Sheldon H. Carr and Mary W. Carr vs. Beazer Homes Holding Corporation, Case No. 7711000361 07 JAMA, July 25, 2008
- Preserve at Briargate, May 2008
- Big Time Burgers v. CMC, JAMS, February 2007
- Andrew Graves, et al. v. BCORP Canterbury at Riverwalk, LLC, District Court, County of Arapahoe, Case No. 02-CV-4306, April 2006, JAG
- Wooton v. Inland Island and Trent Osborne, District Court of Arapahoe County, Colorado, Case No. 03-CV-4619, July 2005
- GMR Holdings, LLC, A Colorado Limited Liability Company, And Richard C. Diecidue V. The Renaissance Group, LLC, A Colorado Limited Liability Company D/B/A Castle Hawk Development And Design; Zook Bros., Inc, In An Arbitration Before The Honorable Richard C. Davidson Of The Legal Resolution Center, LRC Case No. 03-Rcd-291, April 2005
- Clark v. High View Homes, LLC, American Arbitration Association, Case No. 77 110 00274 03 VMD, December 2004
- Bonanno v. D.R. Horton, Inc., JAMS Case ID No. 6863, September 2004
- Day v. Richmond America Homes of Colorado, District Court, Douglas County, Colorado, JAG Arbitration 240547, July 2004

- Skaggs v. Robert Smith Construction, Inc, and Champagne Industries, Inc. District Court, Larimer County, Colorado, Civil Action 01 CV 674, Courtroom 5D, June 2004
- Shops at Centennial v. Colorado Constructors & Associates, Inc., April 2004
- Hanes v. Continental Homes, March 2003
- Dillon v. Alexander Homes, November 2003
- Representing US Homes, Colorado (Multiple Cases)
- NHIC, Colorado (Multiple Cases) Expert witness for arbitration's involving claims for structural damage of residential properties
- Springs at Coal Creek vs. Lifestyle Homes (JAG)
- Rucinski vs. Shea Homes
- Adair Group v. Windsong/T-Bone (BFN - Loveland, BFN - Greeley), Expert witness regarding construction delays, extensions, defects, cost changes (American Arbitrators Association, Construction Arbitration Tribunal, Case No. 77 E 110 000151 02
- Arnold v. Total Construction Management and MD Building Corp., Expert witness regarding construction delays, extensions, defects, cost changes (American Arbitrators Association), District Court, Jefferson County Parkway, Golden, Colorado Case No. 2002 CV 0120, Division 4
- The Dakota Owners Association v. Summit Companies Incorporated, Case No. 08CV6382, March 19, 2010
- Kensington Owners Association v Linford Bros. Utah Glass Co., Case No. 07CV986, November 2009
- Sheldon H. Carr and Mary W. Carr vs. Beazer Homes Holding Corporation, Case No. 77110 00361 07 JAMA,
- Sawgrass at Plum Creek HOA v. Century Communities
- Park Avenue Lofts v. Atlas Development Corporation, South Park Avenue, LLC
- Buena Vista v. Thistle Development, JAG
- The Ponds at Blue River HOA v. Emers/Western Sky
- McKamey v. Loveridge, Legal Resolution Center
- The Summit at Rock Creek v. DR Horton
- Plaut v. Lifestyle Enterprises
- Table Mountain Heights v. Holden Construction

**MEDIATIONS AS THE
EXPERT IN THE LAST 4
YEARS:**

- Eastbay HOA v. Village Homes
- Overlook at Marina Point v. Village Homes/Trimark
- Tameron II v. Emers/Western Sky
- Mack Cali v. Neenan Construction
- Mack Cali v. Sands Construction
- Hullet v. Sorenson
- Lone Star Steakhouse v. COE Construction, Wolfgang Dorshlag Architects
- Village Point at Breckenridge v. Wooden Ski Corporation
- Townhomes at Coal Creek v. Zeta Management
- Eagle Ridge, Gray Hawk HOA v. Metropolitan Homes

PUBLICATIONS:

Published in the Inframation, Proceedings, Volume 8

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