



MICHAEL C. WRIGHT

President & Expert Witness

PE, CSP, CPE



Firm: Safety Through Engineering, Inc.SM

Address: 9363 Detrick Jordan Pike
New Carlisle, Ohio 45344-9140

Phone: 937-964-1900

Fax: 937-964-8457

E-mail: mikewright@ste4u.com

Web Site: www.ste4u.com

CONTENTS

Profile.....	3
Overview.....	4
Credentials.....	5
Education.....	6
Employment History.....	6
Licenses.....	6
Expert Witness Case History.....	7
Professional Experience.....	12
Aerial and Scissor Lifts.....	12
Anchorage Points for Fall Arrest Programs.....	12
Commercial and Residential.....	13
Concrete Floor and Formwork.....	14
Construction and Demolition.....	14
Construction Cranes.....	15
Crane System Design and Inspection.....	15
Engineering Services.....	15
Fall Protection for Concrete Contractors Formwork Leading Edgework Activities.....	16
Fall Protection System Design and Inspection.....	16
Ladder Safety: Portable, Extension, Stepladders and Fixed Stairs.....	17
Machine Guarding Safety.....	17
Maritime Safety.....	18
Safety Programs.....	18
Scaffolding/Transport Platform/Suspended Scaffolding.....	19
Steel Manufacturing Engineering and Safety Services.....	19
Training Safety Programs with Customized Training Manuals.....	20
Industry Contributions, Involvement and Publications.....	22
Certificates and Courses.....	22
Lecturing Engagements.....	25
Memberships.....	33
Published Articles.....	34
Safety Manuals.....	35

PROFILE

Mike Wright's expert witness experience combines a strong blend of defense, plaintiff and OSHA solicitor cases. As a professional structural engineer licensed in 46 states plus the District of Columbia, Mike rounds out his expertise with the licenses of Certified Safety Professional (CSP) and Certified Plant Engineer (CPE), broadening his knowledge and experience with general industry, construction industry and maritime industry.

With over 35-plus years of academic, practical and specialized knowledge in the areas of construction, demolition, engineering, general industry, maintenance, maritime industry, mining operations and safety, Mike's expertise is a definite plus in providing clients with leading-edge information and insight. He understands the multilayered components of an organization—employee workplace activities; facility components; and design, construction, maintenance and demolition activities—enabling him to untangle difficult matters with a clear understanding of the issues involved and the standards that apply.

By completing over 600 hours of specialized safety training, Mike is able to provide in-depth knowledge and hands-on experience in structural engineering, safety, construction and building code requirements. He serves on ANSI and ASTM standards committees and has a thorough knowledge of NESC and NIOSH requirements as well as MSHA Regulations, OSHA Regulations, Directives and Letters of Interpretation. A recognized author, presenter, and trainer, Mike communicates the issues clearly for all to understand.

Mike received his bachelors from Ohio Northern University in Ada, Ohio, and his masters in Structural Engineering from the University of Cincinnati. He is an avid camper and photographer. Mike and his wife, Diana, have five children and several grandchildren.

OVERVIEW

CLIENT TYPES

- ✂ Aerospace
- ✂ Amusement parks
- ✂ Aviation
- ✂ Commercial
- ✂ Contractors
- ✂ Department of Defense
- ✂ Department of Labor
- ✂ Entertainment
- ✂ General industry
- ✂ Manufacturing
- ✂ Maritime
- ✂ Military
- ✂ Residential
- ✂ Restaurant
- ✂ Retail
- ✂ Sports

PRODUCT LIABILITY

- ✂ Aerial lifts
- ✂ Barges
- ✂ Concrete pavers
- ✂ Concrete pumper truck
- ✂ Construction cranes
- ✂ Earth moving equipment
- ✂ Forklifts
- ✂ Gantry cranes
- ✂ Golf carts
- ✂ Heavy equipment
- ✂ Ladders and stepladders
- ✂ Scaffolding
- ✂ Scissor lifts
- ✂ Suspended scaffolding
- ✂ Tower cranes
- ✂ Truck drills
- ✂ Tugboats

STANDARDS AND REGULATIONS

- ✂ ANSI
- ✂ ASME
- ✂ ASTM
- ✂ Jones Act
- ✂ MSHA
- ✂ OSHA
- ✂ U.S. Coast Guard

DISCIPLINES

- ✂ Construction engineering and safety
- ✂ General industry engineering and safety
- ✂ Maritime engineering and safety
- ✂ Product liability
- ✂ Safety engineering and training
 - ADA safety requirements
 - Confined space
 - Suspended crane loads
 - Fall protection
 - Ladders and stepladders
 - Lockout/tagout
 - Machine guarding
 - Product safety
- ✂ Structural engineering

SERVICES

- ✂ Accident cause analysis
- ✂ Accident reconstruction
- ✂ Building codes—local, state and international
- ✂ Construction contracts
- ✂ Consultation
- ✂ Depositions, hearings and trials
- ✂ Field inspection
- ✂ Intentional tort
- ✂ Job hazard analysis
- ✂ Multi-employer worksites
- ✂ Negligence
- ✂ Premise liability
- ✂ Product liability
- ✂ Safety standards
- ✂ Steel erection
- ✂ Structural analysis
- ✂ Structural collapse
- ✂ Suspended load and rigging
- ✂ Wrongful death

CREDENTIALS

The experience and qualifications of Michael C. Wright detailed below demonstrate his authority in the subject matter of engineering and safety.

- ✍ 35-plus years professional experience as structural engineer, safety engineer, construction engineer, certified safety professional, certified plant engineer, and expert witness
- ✍ 100 million square feet of facility services, including design, renovation, inspection
- ✍ 200 million square feet of fall protection programs
- ✍ 600 hours of training, including fall protection, confined space entry, machine guarding, scaffolding, rescue, aerial and scissors lifts, suspended loads, ladders and stepladders, and confined space
- ✍ ADA safety requirements—developed audits, design protection criteria and foreseeable usage protection
- ✍ Aerial and scissors lifts—developed user training programs, audits, design criteria, user policies and procedures
- ✍ Confined space—developed user training programs, audits, design criteria, user policies and procedures
- ✍ Construction cranes, gantry cranes, tower cranes, and general industry cranes—developed user safety training programs, tire rollover guarding protection, audits, design criteria, user policies and procedures, and foreseeable usage protection
- ✍ Construction equipment tire rollover guarding protection—developed safety programs, audits, design protection criteria and foreseeable usage protection
- ✍ Conveyor safety—developed safety programs, audits, design protection criteria and foreseeable usage protection
- ✍ Earth moving equipment tire rollover guarding protection—developed safety programs, audits, design protection criteria and foreseeable usage protection
- ✍ Fall protection—designed, developed, and implemented written policies, procedures, rescue plans, OSHA fall protection plans, equipment specifications, and use
- ✍ Fall protection equipment—designed, developed, and implemented written user policies, testing procedures, rescue plans, user training programs, user design criteria, safety policies and safety procedures
- ✍ Golf cart safety—developed testing programs, audits, design criteria and foreseeable usage protection
- ✍ International author, presenter and trainer
- ✍ Ladders and stepladders—developed user training programs, audits, design criteria, policies and procedures
- ✍ Machine guarding—developed user training programs, audits, design criteria, policies, procedures and foreseeable usage protection
- ✍ Maritime safety
- ✍ Mine safety and health administration
- ✍ OSHA, MSHA, ANSI, ASTM requirements and industry safe practices
- ✍ OSHA Qualified Person
- ✍ Rollover protection structures—developed safety programs, audits, design criteria and foreseeable usage protection
- ✍ Safety training program developer and facilitator: confined space, construction safety, fall protection, general industry safety, horizontal lifelines, ladders and stepladders, lockout/tagout, machine guarding, rescue, roofing
- ✍ Scaffolding—developed user training programs, audits, design criteria, user policies and procedures
- ✍ Structural engineering for residential, commercial and industrial projects
- ✍ Structural specific and multi-discipline projects
- ✍ Suspended crane loads—develop training programs, audits, design criteria, policies and operating procedures
- ✍ Suspended scaffolding—developed user training programs, audits, design criteria, user policies and procedures
- ✍ Window washing requirements—developed safety programs, audits, design protection criteria and foreseeable usage protection

EDUCATION

MSCE—University of Cincinnati, 1978, Civil Engineering
BSCE—Ohio Northern University, 1977, Civil Engineering

EMPLOYMENT HISTORY

SAFETY THROUGH ENGINEERING, INC.SM

December 2003 to Present

President, Professional and Licensed Engineer, Certified Safety Professional, Certified Plant Engineer and Expert Witness.

ENGINEERING FIRM

May 1994 to December 2003

Managing Principal of the Executive Council—highest level of engineering management and ownership responsibilities within the firm, major shareholder, and Principal-in-Charge of the Safety by Design[®] business team.

January 1986

Shareholder and Principal-in-Charge of the Industrial/Structural business team.

January 1984

Director of Industrial/Structural business team—responsible for overall management of the design of industrial, commercial and residential structural engineering projects.

January 1981

Project manager—designed multiple structural, residential, commercial and industrial projects.

January 1980

Field project engineer—provided inspection construction services for multiple structural projects.

August 1978

Staff structural engineer—designed individual projects.

LICENSES

☞ Certified Safety Professional (CSP)—United States

☞ Certified Plant Engineer (CPE)—United States

☞ Professional Engineer (PE) in the following states:

- | | | | |
|------------------------|-----------------|------------------|------------------|
| ➤ Alabama | ➤ Indiana | ➤ Montana | ➤ Rhode Island |
| ➤ Arizona | ➤ Iowa | ➤ Nebraska | ➤ South Carolina |
| ➤ Arkansas | ➤ Kansas | ➤ Nevada | ➤ South Dakota |
| ➤ California | ➤ Kentucky | ➤ New Hampshire | ➤ Tennessee |
| ➤ Colorado | ➤ Louisiana | ➤ New Jersey | ➤ Texas |
| ➤ Connecticut | ➤ Maine | ➤ New York | ➤ Utah |
| ➤ Delaware | ➤ Maryland | ➤ North Carolina | ➤ Vermont |
| ➤ District of Columbia | ➤ Massachusetts | ➤ North Dakota | ➤ Virginia |
| ➤ Florida | ➤ Michigan | ➤ Ohio | ➤ Washington |
| ➤ Georgia | ➤ Minnesota | ➤ Oklahoma | ➤ West Virginia |
| ➤ Idaho | ➤ Mississippi | ➤ Oregon | ➤ Wisconsin |
| ➤ Illinois | ➤ Missouri | ➤ Pennsylvania | |

EXPERT WITNESS CASE HISTORY

Case: Damon J. Hauptmann et al. v. Penford Products et al. Attorney(s): William G. Nicholson, Iowa—Trial	Side: Plaintiff Date: March 2015
Case: Bennie Smith v. RockTenn CP, LLC Attorney(s): John M. Hyatt, Georgia—Deposition	Side: Plaintiff Date: March 2015
Case: Mark W. Cracraft et al. v. DPL, Inc. et al. Attorney(s): William E. Santen Jr., Ohio—Deposition	Side: Plaintiff Date: March 2015
Case: Rodney Poe v. Michael Berry et al. Attorney(s): J. Michael Ponder, Missouri—Deposition	Side: Plaintiff Date: February 2015
Case: Anthony Kelley v. SafeWorks, LLC et al. Attorney(s): Roger L. Lucas, Alabama—Deposition	Side: Plaintiff Date: January 2015
Case: Carlos R. Ball v. MPW Industrial Services, Inc. Attorney(s): Jonathan Good, Ohio—Deposition	Side: Plaintiff Date: January 2015
Case: Paula Smith v. Thor Construction LLC et al. Attorney(s): P. J. Harris, Alabama—Deposition	Side: Plaintiff Date: December 2014
Case: Christella Newsome v. Old Veteran Construction, Inc. et al. Attorney(s): Michael F. Bonamarte IV, Illinois—Deposition	Side: Plaintiff Date: December 2014
Case: Donald Powell v. Commercial Metals Company et al. Attorney(s): Jeffrey C. Rickard, Alabama—Deposition	Side: Plaintiff Date: October 2014
Case: Rene Zelaya v. Alfred T. Strange et al. Attorney(s): Kasey K. Murray, Washington, DC—Deposition	Side: Plaintiff Date: September 2014
Case: Nationwide Agribusiness Insurance Co. & Francisco Alcalá v. Meller Poultry Equipment, Inc. et al. Attorney(s): Brett Beattie (Formerly Nile Hicks), Iowa—Deposition	Case Side: Plaintiff Date: September 2014

Case: Pamela Jean Campbell Guardian for Andy Gamez Jr. et al. v. Marnell Corrao Associates, Inc. et al.	Side: Plaintiff
Attorney(s): Dan Carvalho and Stephen K. Lewis, Nevada—Deposition	Date: July 2014
<hr/>	
Case: Reese Palmer and Janet Palmer v. The Crosby Group et al.	Side: Plaintiff
Attorney(s): Phillip J. Barkett Jr., Missouri—Deposition	Date: July 2014
<hr/>	
Case: Ronnie Dancer and Annette Dancer v. Clark Construction Co. et al.	Side: Plaintiff
Attorney(s): Brian J. Benner and David Priehs, Michigan—Deposition	Date: May 2014
<hr/>	
Case: Suzanne Roerig Mendenall v. Walterboro Veneer, Inc. et al.	Side: Plaintiff
Attorney(s): Ronnie L. Crosby and Randolph Murdaugh IV South Carolina—Deposition	Date: May 2014
<hr/>	
Case: Kurt Mullins et al. v. Pearson Construction	Side: Plaintiff
Attorney(s): Stephen Drew, Michigan—Deposition	Date: April 2014
<hr/>	
Case: Damon J. Hauptmann et al. v. Penford Products et al.	Side: Plaintiff
Attorney(s): William G. Nicholson, Iowa—Deposition	Date: February 2014
<hr/>	
Case: Diane and Michael Lillicrap v. Link-Belt Construction Company et al.	Side: Plaintiff
Attorney(s): John G. Simon and Kevin Carnie, Missouri—Trial	Date: November 2013
<hr/>	
Case: Diane and Michael Lillicrap v. Link-Belt Construction Company et al.	Side: Plaintiff
Attorney(s): John G. Simon and Kevin Carnie, Missouri—Deposition	Date: August 2013
<hr/>	
Case: Ryszard Krzak v. Smithfield Construction Group, Inc. et al.	Side: Defendant
Attorney(s): Jeff Naffziger, Illinois—Deposition	Date: June 2013
<hr/>	
Case: Amy Ciborowski et al. v. Wedekemper's, Inc. et al.	Side: Plaintiff
Attorney(s): John G. Simon and Tim Cronin, Missouri—Deposition	Date: June 2013
<hr/>	
Case: Estevao Lima v. Greenman-Pedersen, Inc.	Side: Plaintiff
Attorney(s): William E. Santen Jr., Ohio—Deposition	Date: April 2013
<hr/>	
Case: William Vance Hyndman et al. v. Ingersoll-Rand Co. et al.	Side: Plaintiff
Attorney(s): Peter Tarpey and Eric D. Jones, Illinois—Deposition	Date: January 2013
<hr/>	

Case: Robert Holt et al. v. Allan Clark et al. Attorney(s): Patrick E. Foppe, Missouri—Deposition	Side: Plaintiff Date: November 2012
Case: Charles Redman et al. v. Pitco Frialator et al. Attorney(s): Trevor Taylor, West Virginia—Deposition	Side: Defendant Date: October 2012
Case: Maple Leaf Equestrian Centre Ltd. et al. v. K Buildings, Inc. et al. Attorney(s): Michael L. Cargill, Ohio—Trial	Side: Defendant Date: September 2012
Case: Tristan M. Simon et al. v. Turner Construction Co. et al. Attorney(s): Patrick T. Voke and Kenneth J. DeMoura, Massachusetts—Trial	Side: Defendant Date: September 2012
Case: Andrew Hess Jr. et al. v. N. J. White Associates et al. Attorney(s): Jon R. Garrett, Michigan—Deposition	Side: Plaintiff Date: August 2012
Case: Gerald Johnson et al. v. Scott Devon et al. Attorney(s): Lee Levenson, Florida—Deposition	Side: Plaintiff Date: August 2012
Case: Edward Martin et al. v. Bachant Builders et al. Attorney(s): Jeffrey A. Mega and Matthew T. Jerzyk, Rhode Island—Trial	Side: Plaintiff Date: July 2012
Case: U.S. Department of Labor v. Calpine Corporation et al. Attorney(s): Jessica R. Brown, Pennsylvania—Trial	Side: Plaintiff Date: May 2012
Case: U.S. Department of Labor v. Calpine Corporation et al. Attorney(s): Jessica R. Brown, Pennsylvania—Deposition	Side: Plaintiff Date: March 2012
Case: Transportation Insurance Co. et al. v. Citizens Insurance Co. Attorney(s): Donald H. Dawson Jr. and Kathleen A. Clark, Michigan—Trial	Side: Plaintiff Date: March 2012
Case: Luciano Tirado et al. v. SAS Rubber Co. et al. Attorney(s): Mark Snyder and James Kurek, Ohio—Deposition	Side: Defendant Date: March 2012
Case: Maple Leaf Equestrian Centre Ltd. et al. v. K Buildings, Inc. et al. Attorney(s): Michael L. Cargill, Ohio—Deposition	Side: Defendant Date: March 2012

Case: Vincent P. Nertavich Jr. v. PPL et al. Attorney(s): Luke A. Repici, Pennsylvania—Trial	Side: Defendant Date: February 2012
Case: Ismael Ramirez et al. v. Concept Design Construction et al. Attorney(s): Michael F. Bonamarte IV, Illinois—Deposition	Side: Plaintiff Date: February 2012
Case: Timothy Greiner et al. v. Buildtech Ltd. et al. Attorney(s): Thomas W. Waun, Michigan—Deposition	Side: Plaintiff Date: September 2011
Case: Kenneth Scruggs et al. v. Sperian Fall Arrest Systems et al. Attorney(s): Randolph T. Moore, California—Deposition	Side: Defendant Date: August 2011
Case: Guy Durham v. Demag Cranes & Components Corp. et al. Attorney(s): Rachel Roman, Missouri—Deposition	Side: Plaintiff Date: August 2011
Case: Mary Lee Smith et al. v. Gilbane Building Co. et al. Attorney(s): David Priehs, Tony Braun and Brian Benner, Michigan—Deposition	Side: Plaintiff Date: April 2011
Case: Kenneth D. Lillie v. Donald L. Meacham et al. Attorney(s): Timothy A. Shimko and Eric H. Griebing, Ohio—Deposition	Side: Plaintiff Date: March 2011
Case: Bambi Lyn Urich et al. v. Process Engineering et al. Attorney(s): Jim Hayes and Julie Pulkrabek, Iowa—Deposition	Side: Plaintiff Date: February 2011
Case: Thomas Mullens v. The Procter & Gamble Co. et al. Attorney(s): Robert Blau, Kentucky—Deposition	Side: Plaintiff Date: January 2011
Case: William Wineberry v. North Star Painting Co., Inc. et al. Attorney(s): Jeffrey A. Leikin, Ohio—Deposition	Side: Plaintiff Date: December 2010
Case: Michelle Crawford et al. v. Boyd Orchards et al. Attorney(s): Thomas W. Miller and Michael J. Cox, Kentucky—Deposition	Side: Plaintiff Date: August 2010
Case: Ohio Oil Gathering v. Welding, Inc. Attorney(s): George M. Ferreti, Illinois—Deposition	Side: Plaintiff Date: July 2010



- | | |
|---|---------------------------------------|
| Case: U.S. DOL v. Dale Construction Co., Inc. et al.
Attorney(s): Michael P. Doyle, Pennsylvania—Deposition | Side: Plaintiff
Date: July 2010 |
| <hr/> | |
| Case: Michael J. Quatkemeyer et al. v. Cincinnati Center City et al.
Attorney(s): D. Arthur Rabourn, Ohio—Deposition | Side: Plaintiff
Date: May 2010 |
| <hr/> | |
| Case: Travis Holstein v. Tasty Blend Foods, Inc.
Attorney(s): John R. Fowler, West Virginia—Deposition | Side: Defendant
Date: April 2010 |
| <hr/> | |
| Case: Janelle Robert et al. v. Seneca Park Zoo and County of Monroe
Attorney(s): James Foley, New York—Trial | Side: Plaintiff
Date: April 2010 |
| <hr/> | |
| Case: Paul Butler et al. v. Kohl's Department Store et al.
Attorney(s): J. Kevin King, Indiana—Trial | Side: Plaintiff
Date: March 2010 |
| <hr/> | |
| Case: Robert Beverly v. MEVA Formwork Systems, Inc.
Attorney(s): Edward L. Lasley, Kentucky—Deposition | Side: Plaintiff
Date: January 2010 |
| <hr/> | |

PROFESSIONAL EXPERIENCE

Aerial and Scissor Lifts

Fully trained in the regulations and standards governing aerial and scissor lifts and knowledgeable of their proper application. Past experience includes the selection, use and inspection of equipment and the qualifications to determine if equipment is being used as intended by the manufacturer, OSHA and ANSI. Knowledge of structural engineering, the operation of aerial and scissor lifts on construction and general industry sites, and training adds to expertise.

- ✦ Developed criteria for continuous monitoring program
- ✦ Developed safety training program, including customized manuals
 - Construction industry
 - ◇ Awareness
 - ◇ User
 - ◇ Competent person
 - General industry
 - ◇ Awareness
 - ◇ User
 - ◇ Competent person
- ✦ Evaluation of hazard identification programs
- ✦ Has written policies, program and procedures
- ✦ Performed job hazard analysis
- ✦ Recommendations for use and training

Courses

- ✦ Aerial and Scissor Lift Operator Certified
- ✦ OSHA Course—Aerial Platform Lifts for Construction and General Industry (1997)
- ✦ Overhead Lifting and Rigging Safety (1997)

Instruction

- ✦ Aerial and Scissor Lift Requirements by OSHA and ANSI
- ✦ Overhead Lifting and Rigging Safety (1997)

Anchorage Points for Fall Arrest Programs

Companies

- ✦ Boeing Corporation
- ✦ Daimler Chrysler Corporation
- ✦ Delphi Automotive Systems
- ✦ Department of Defense
- ✦ Department of Labor
- ✦ Ford Motor Company
- ✦ General Motors
- ✦ Honda
- ✦ Lockheed Martin
- ✦ Navistar
- ✦ United States Navy
- ✦ Pacific Gas and Electric
- ✦ Procter and Gamble Company
- ✦ Saturn Corporation
- ✦ United States Air Force

Types of Services Provided

- ✦ Fall arrest anchorage points—crane system
- ✦ Fall arrest and restraint
- ✦ Fall arrest horizontal lifelines and anchorage points

- ↵ Hazard risk assessments, audits and remediation reports
- ↵ Identified and designed fall arrest anchorage point and machine systems
- ↵ Identified fall arrest anchorage point locations; developed training manual
- ↵ Roof fall protection system programs

Commercial and Residential

Renovation and Demolition

- ↵ Bracing and shoring of basement walls
- ↵ Floor reinforcement
- ↵ Lowering of basement floors
- ↵ Lowering existing foundations
- ↵ Roof framing reinforcement
- ↵ Underpinning/shoring of foundation walls
- ↵ Underpinning existing structural foundations
 - Auger cast piles
 - Caissons
 - Concrete piles
 - Drilled shafts
 - Precast piles
 - Retaining walls
 - Sheet piling walls
 - Shoring and lagging
 - ◇ A-frame
 - ◇ Jack posts
 - ◇ Needle beam
 - ◇ Transfer beam
 - ◇ Truss frame
 - Steel piles

Roofing

- ↵ Four generations of contractors.
- ↵ Started own roofing construction company with my father.
- ↵ At age sixteen (16) formed "Wright Brothers Construction" with my brother. Work consisted of small commercial, residential and barn roofing projects.
- ↵ Types of roofs: standing seam metal roof, corrugated metal roof, rolled roofing, shingle roofing, slate roofing, hot four-ply with gravel roof, and hot four-ply, hot two-ply and hot three-ply roofing systems.
- ↵ Throughout lifetime, continue to do roofing projects for non-profit organizations, friends and family (work done in Michigan, Ohio, Kentucky, West Virginia, Florida, Tennessee, South Carolina and Indiana).

Companies

- ↵ Daimler Chrysler Corporation (Regional)
- ↵ Delphi Automotive Systems (International and National)
- ↵ Ford Motor Company (Regional)
- ↵ General Motors (International and National)

Types of Services Provided

- ↵ Designed improvements to existing facilities
- ↵ Designed new machine foundations
- ↵ Designed new crane systems
- ↵ Designed cooling tower foundations
- ↵ Designed dock enclosures
- ↵ Designed working surface platforms

Concrete Floor and Formwork

- ☞ Qualified Person nationally for the construction prefects for *CECO, Inc.* I designed, redesigned, reviewed, detailed, inspected and directed contractor limited means and methods for concrete formwork (flying forms and conventional shoring), including concrete roofs, concrete floors, stairs, ramps, vertical walls, pits, columns, foundations, etc. (1999–2003)
- ☞ Qualified Person internationally for a construction and renovation project for *P&G.* I designed, redesigned, reviewed, detailed, inspected and directed contractor means and methods for concrete conventional formwork shoring, including concrete roofs, concrete floors, vertical concrete walls, pits, tanks, columns, foundations, etc. (1998–2003)
- ☞ Qualified Person nationally for the construction prefects for *Baker Concrete, Inc.* I designed, redesigned, reviewed, detailed, inspected and directed contractor limited means and methods for concrete formwork (flying forms and conventional shoring), including concrete roofs, concrete floors, stairs, ramps, vertical walls, pits, columns, foundations, etc. (1997–2003)
- ☞ Structural Engineer and eventually Qualified Person consultant for *Shook, Inc.* I designed, redesigned, detailed, inspected and directed means and methods for concrete formwork, including vertical walls, columns, foundations and tanks. Worked with and directed the means and methods of some detailed concrete construction operations using conventional formwork. (1993–2003)
- ☞ Structural Engineer and Qualified Person consultant for *Danis.* I designed, detailed, inspected and directed means and methods for concrete formwork projects east of the Mississippi River (i.e., Sod Run, FL; Philadelphia, PA; Boston, MA; and Greenville, NC). Concrete formwork included conventional shoring, vertical walls, columns, foundations, pits, tanks, flying tables, etc. (1993–2003)
- ☞ Structural Engineer and eventually Qualified Person for *General Motors* with their in-house construction department and their general contractors. I designed, renovated, detailed, inspected and directed their means and methods for concrete conventional formwork shoring, including new factories, renovated factories, parts factories, machine foundations, vertical concrete walls, conventional shoring, concrete floors, roofs, tunnels, etc. (1981–2003)
- ☞ Structural Engineer and Qualified Person consultant for *Miller-Valentine, Inc.* I designed, detailed, inspected and directed means and methods for a mid-rise office building, for a low-rise office building and for have also designed warehousing concrete formwork, including flying forms, conventional shoring, vertical concrete walls, columns, foundations, etc. (1978–1982)

Construction and Demolition

Thirty-five-plus (35+) years of experience in design and inspection of construction projects involving renovations and new construction of industrial facilities, structural components within facilities and commercial buildings. Experience includes:

- ☞ One and half (1.5) million square feet new construction of industrial facilities for General Motors.
- ☞ Four 25-ton top-running crane systems for General Motors.
- ☞ New commercial store property for Prudential Insurance, including contractor performance review.
- ☞ Multiple building additions for Nova Steel Processing, including contractor performance reviews.
- ☞ Renovation of existing industrial facility for Delphi Chassis Systems.
- ☞ Renovation of existing factory to upgrade six 15-ton cranes to 20-tons each for Mead Paper.
- ☞ Reinforcement of US Steel facility and design of tanks and hoppers for mixing process.

Thirty-five-plus (35+) years of experience with demolition projects in industrial, construction, commercial, and residential markets. Experience includes:

- ☞ Demolition and renovation of 1 million square-foot industrial facility for Shook, Inc.
- ☞ Demolition of buildings and tanks for Miami Paper.
- ☞ Demolition and renovation for 2 million square-foot industrial facility for use by General Motors.
- ☞ Demolition of 200,000 square-foot facility for Chrysler Corporation, along with design, inspection and contractor performance review for new facility that was built.
- ☞ Demolition of residential properties.

Construction Cranes

Field inspected crane rigging, lifting location and methods for tilt-up buildings and other industrial facilities. Worked through suspended load safety rigging issues for commercial, industrial and construction clients.

Crane System Design and Inspection

- ✚ Provided crane runway design reinforcement and inspection for Nova Steel.
 - Analyzed and reinforced existing facility
 - Four 30-ton top-running crane systems with crane clear spans of 100 feet and runway length of 800 feet
 - Provided field inspection
- ✚ Provided crane runway design along with crane support steel with caisson foundations.
 - 20-ton top-running crane with crane clear span of 122 feet 6 inches and running length of 200 feet
 - Provided field inspection
- ✚ Provided crane runway design, crane support design and interlocking of trolley design for six 20-ton underhung crane systems.
 - Crane runway length of 600 feet
 - Crane clear spans of 100 feet
 - Provided roof truss reinforcement
 - Provided field inspection
- ✚ Provided Delphi with crane designs and inspection for over 200 underhung crane systems with capacities between 1 to 5 tons.
- ✚ Provided GM-Matamoros with six 25-ton top runway crane systems and crane support system with crane clear span of 35 feet and crane runway length of 700 feet.
- ✚ Provided GM-Pennsylvania with 25-ton top-running crane design with crane clear span of 40 feet and runway length of 150 feet.

Engineering Services

- ✚ Accident investigation and analysis
- ✚ Autoclaved aerated concrete
- ✚ Building shoring design and inspection
- ✚ Crane systems design and inspection
 - Top-running—5 to 250 ton
 - Underhung—5 to 20 ton
- ✚ Design and analysis for wind, seismic, gravity loads
- ✚ Design, renovation, inspection—200 million square feet of amusement, aviation, commercial, industrial, maritime, military, residential and retail buildings
- ✚ Factory renovation and design
 - Improvements to existing facilities
 - New machine foundations
 - New crane systems
 - Cooling tower foundations
 - Dock enclosures
 - Working surface platforms
- ✚ Foundation design
 - Auger cast piling
 - Caisson
 - H-piling
 - Sheet piling
- ✚ Hazardous waste storage tanks
- ✚ Industrial, warehouse, and commercial concrete floors
- ✚ Injection molding machine mat foundations
- ✚ International building codes
- ✚ Machine foundations for dynamic and static machines

- ↕ Multilevel mixing platforms
- ↕ Plant layout design
- ↕ Platforms and mezzanines
- ↕ Safety design for factory and warehousing facilities
- ↕ Safety design recommendations for industrial machinery
- ↕ Safety regulations and standards
- ↕ Structural and civil engineering design and assessment
- ↕ Tank facilities

Fall Protection for Concrete Contractors Formwork Leading Edgework Activities

Companies

- ↕ Baker Concrete Company
- ↕ Ceco Concrete Construction, LLC
- ↕ Danis Construction—master plan for fall protection program
- ↕ Ferguson Construction
- ↕ Reynolds Metal Company
- ↕ Shook Construction

Types of Services Provided

- ↕ Anchor points—standard details
- ↕ Documentation video—script, editing, technical consultant for “Horizontal Lifeline Test and Verification of Design Procedures”
- ↕ Manual—anchorage points, procedures, rescue, evacuation
- ↕ Manual—horizontal lifeline: variations of spans and number of people on multiple spans
- ↕ Training—Competent Person, At-Risk Worker, Qualified Person

Fall Protection System Design and Inspection

Types of Services Provided

- ↕ Anchorage point location programs
- ↕ Communication towers
- ↕ Construction
- ↕ Cranes
- ↕ Evaluation
- ↕ Fall hazard identification
- ↕ Fall protection for roof workplace activities
- ↕ General industry
- ↕ Leading edge construction programs and procedures
- ↕ Low and steep roofing
- ↕ Precast
- ↕ Qualified person
- ↕ Recommendation and design
- ↕ Rescue programs and procedures
- ↕ Residential
- ↕ Safety audit—job safety analysis
- ↕ Safety training program—general and construction industries
 - At-Risk Worker
 - Awareness
 - Competent and Qualified Persons
 - Horizontal lifeline procedures and usage
 - Rescue
- ↕ Steel erection
- ↕ Wind power towers
- ↕ Written policies, programs and procedures

Ladder Safety: Portable, Extension, Stepladders and Fixed Stairs

Fully trained in the regulations and standards governing ladders and knowledgeable of their proper application. Past experience includes the selection, use, and inspection of ladders and the qualifications to determine if the ladders are being used as intended by the manufacturer, OSHA and ANSI. Structural engineering knowledge, use on construction and general industry sites and training add to expertise.

- ☞ Developed criteria for continuous monitoring program
- ☞ Developed safety training program, including customized manuals
 - Construction industry
 - ◇ Awareness
 - ◇ User
 - ◇ Competent person
 - General industry
 - ◇ Awareness
 - ◇ User
 - ◇ Competent person
- ☞ Evaluation of hazard identification programs
- ☞ Has written policies, programs and procedures
- ☞ Made recommendations for use and training
- ☞ Performed job hazard analysis

Courses

☞ OSHA Course 502—Update for Construction Industry Outreach Trainers	2002
☞ OSHA Course 503—Update for General Industry Outreach Trainers	2002
☞ OSHA/AGC, Mobile Section—Competency Awareness Training for Fall Hazards	2002
☞ OSHA Fall Protection—Are You Sure About That?	2000
☞ OSHA Course 503—Update for General Industry Outreach Trainers	1998
☞ OSHA Course 502—Update for Construction Industry Outreach Trainers	1998
☞ OSHA 500—Train-the-Trainer in Construction Industry	1996
☞ OSHA Course 325-001—Fall Protection Train-the-Trainer Course	1995
☞ OSHA Course 325—Safety Standards for Fall Protection	1995
☞ Competent Person in Fall Protection Technology—CAL/NEV Safety and Health	1995
☞ OSHA Course 501—Train-the-Trainer in General Industry	1994

Machine Guarding Safety

- ☞ Machine guarding projects—3 million square feet
- ☞ Continuous monitoring program
- ☞ Customized design for machine guarding
- ☞ Developed machine guarding training programs, audits, design criteria, policies, procedures
- ☞ Evaluation of hazard programs
- ☞ Fall hazard identification programs
- ☞ Involvement with over 4,000 machines located at major manufacturing facilities
- ☞ Machine guarding courses, including:
 - Scientific Technologies, Inc., August 2003
 - Rockford Institute, March 2003
 - OSHA Course 204A Machinery and Machine Guarding Standards, February 2003
- ☞ Machine guarding training at GM Powertrain for supervisors, operators, maintenance, engineering
- ☞ Recommendation and design standards
- ☞ Safety audits—job safety analysis
- ☞ Safety training program: general industry awareness, machine operator, skilled trades, supervisors and engineering
- ☞ Written policies, programs and procedures

Maritime Safety

- ☞ American Bureau of Shipping—Interwaterway Requirements
 - SOLAS Cargo Ship Safety Equipment Requirements
 - Mobile Offshore Drilling Unit Safety Requirements
- ☞ American National Standards Institute (ANSI)
- ☞ Code of Federal Regulations
 - Title 33: Navigation and Navigable Waters
 - Title 46: Shipping, Part 8—Vessel Inspection Alternatives, Subpart D—Alternate Compliance Program
- ☞ Lighthouses and Other Navigational Aids
 - Barges
 - Jones Act
 - River vessels
 - Tugboats
- ☞ Maritime (Standards 29 CFR)
 - Part 1915: Occupational Safety and Health Standards for Shipyard Employment
 - Part 1917: Marine Terminals
 - Part 1918: Safety and Health Regulations for Long Shoring
- ☞ National Institute for Occupational Safety and Health (NIOSH)
- ☞ Occupational Safety and Health Administration (OSHA)
- ☞ U.S. Coast Guard
 - USCG Office of Design and Engineering Standards
- ☞ U.S. Coast Guard Approved Supplements
 - ABS Rules for Steel Vessels for Vessels Certificated for International Voyages (1 June 2003)
 - ABS Rules for Steel Vessels Under 90 Meters (295 Feet) in Length for Vessels Certificated for International Voyages (1 June 2003)
 - ABS Rules for Steel Vessels for Vessels on International Voyages (1 November 1999)
 - ABS Rules for Steel Vessels Under 90 Meters (295 Feet) in Length for Vessels on International Voyages (29 March 1999)
 - ABS Rules for Building and Classing Mobile Offshore Drilling Units and the 1989 IMO MODU Code (1 November 1998)
 - ABS Rules for Steel Vessels for Vessels on International Voyages (1 August 1997)
 - DNV Supplement, Revision 10 (October 2003)
- ☞ U.S. Coast Guard Publications
 - Navigation and Vessel Inspection Circular No. 2-95 “Alternate Compliance Program”
 - Marine Safety Manual Vol. II, Section B, CH. 9
 - Federal Register Vol. 60 No. 23 (February 3, 1995) “ACP and ABS Pilot Program”
 - Federal Register Vol. 61 No. 250 (December 27, 1996) “ACP and Recognized Societies”
 - Federal Register Vol. 63 No. 30 (February 13, 1998) “ACP Supplement Development Process”
 - Supplement Review and Revision Process
- ☞ U.S. Department of Homeland Security

Safety Programs

- ☞ Aerial and scissor lifts
- ☞ Amusement parks
- ☞ Confined space
- ☞ Design liaison
- ☞ Fall protection programs—200 million square feet
- ☞ Ladder and stepladder safety—portable and fixed
- ☞ Lockout/tagout
- ☞ Machine guarding programs—3 million square feet
- ☞ Rescue
- ☞ Roof deck structural integrity—33 million square feet
- ☞ Rope rescue

- ✚ Safety regulations, standards and industry safety practices
- ✚ Scaffolding
- ✚ Suspended crane loads
- ✚ Suspended scaffolding
- ✚ Systems design and analysis
- ✚ Trainer
- ✚ Working surface/platforms structural integrity—16 million square feet

Scaffolding/Transport Platform/Suspended Scaffolding

Fully trained in the regulations and standards governing scaffolding and knowledgeable of its proper application. Past experience includes the erection, use and disassembling of scaffolding and the ability to identify if equipment is being used as intended by the manufacturer, OSHA and ANSI. Knowledge of structural engineering, scaffolding training and construction experience adds to expertise.

Lecturing Engagements

- ✚ Amusement Industry Manufacturers and Suppliers International (AIMS)
Safety Seminar and Certification Testing 2001–2003
- ✚ West Central Ohio Safety Council: Why Falls Are Still Killing Our Workers 1999
- ✚ American Contractors Insurance Group, Inc.: Contractor Education Series on Fall
Protection Requirements, Scaffolding, Suspended Scaffolding, Transport Platform
for Safety/Claims Management Workshop..... 1997

Courses

- ✚ OSHA/AGC, Mobile Section: Competency Awareness Training for Fall Hazards 2002
- ✚ OSHA Course 502: Update for Construction Industry Outreach Trainers..... 2002
- ✚ OSHA Course 503: Update—General Industry Outreach Trainers..... 2002
- ✚ OSHA Fall Protection: Are You Sure About That? 2000
- ✚ OSHA Course 502: Update for Construction Industry Outreach Trainers..... 1998
- ✚ OSHA Course 503: Update for General Industry Outreach Trainers 1998
- ✚ OSHA 500: Train-the-Trainer in Construction Industry 1996
- ✚ Competent Person in Fall Protection Technology: CAL/NEV Safety and Health..... 1995
- ✚ OSHA Course 325-001: Fall Protection Train-the-Trainer Course..... 1995
- ✚ OSHA Course 325: Safety Standards for Fall Protection..... 1995
- ✚ OSHA Course 501: Train-the-Trainer in General Industry 1994
- ✚ OSHA Fall Protection in the Construction Industry: Current Enforcement Emphasis..... 1993
- ✚ Principles and Applications of Elevated Fall Hazard Control by RTC 1993

Steel Manufacturing Engineering and Safety Services

Companies

- ✚ Alro Steel
- ✚ AK Steel
- ✚ Ford
- ✚ Gary Works
- ✚ General Motors
- ✚ Nova Steel Processing, Inc.
- ✚ PKM Steel
- ✚ PTC Alliance
- ✚ Reynolds Metal Company
- ✚ Steel Dynamics
- ✚ Steel of West Virginia
- ✚ Superior Forge and Steel
- ✚ Timken Company/Faircrest Steel Plant

Types of Services Provided

- ↵ Anchor points—standard details
- ↵ Conducted structural evaluation of crane rail systems
- ↵ Confined space safety audits
- ↵ Developed a comprehensive fall protection program
- ↵ Fall hazard abatement options for safe access to equipment and cranes
- ↵ Fall hazard risk assessment
- ↵ Designed fall protection restraint systems
- ↵ Machine safety audits
- ↵ Performed contractor performance reviews and inspections
- ↵ Performed safety training
- ↵ Provided crane runway design reinforcement and inspection
- ↵ Provided fall protection services
- ↵ Provided modifications and additions to safety programs
- ↵ Provided structural analysis of the existing casting structure
- ↵ Reinforced existing crane runway
- ↵ Renovated buildings
- ↵ Reviewed existing safety program language
- ↵ Reviewed previous evaluations
- ↵ Roof deck safety audit
- ↵ Safety abatement of platforms and factory roofs
- ↵ Safety audits
- ↵ Safety hazard analysis
- ↵ Safety policy and manual review
- ↵ Steel pouring safety process review
- ↵ Structural analysis
- ↵ Structural and safety renovations
- ↵ Structural design of crane systems and machine foundations
- ↵ Structural engineering design for mixer plant
- ↵ Structural reinforcements

Training Safety Programs with Customized Training Manuals

Awareness Training

- ↵ Honda of America (National) 1999
- ↵ Pacific Gas and Electric..... 1999
- ↵ NAVFAC OSHA Support Office (National) 1996

Program Administrator

- ↵ Steel Dynamics..... 2013
- ↵ Walt Disney Parks and Resorts..... 2010

Competent Person Training

- ↵ Cedar Fair 2013
- ↵ Honda Manufacturing of Indiana 2012
- ↵ Cedar Fair 2011
- ↵ Kings Island 2010
- ↵ Cedar Fair 2010
- ↵ Honda Manufacturing of Indiana 2009
- ↵ Cedar Fair 2009
- ↵ Daimler Chrysler Corporation 2007
- ↵ GM Powertrain—Willow Run 2007
- ↵ OSHA Ohio Fall Protection Equipment Specific Training 2003
- ↵ Paramount Amusement Parks (National) 2000–2003
- ↵ Delphi Automotive Systems, Dayton, OH (National) 1999–2003
- ↵ Honda of America Manufacturing (Regional) 1999–2003

☞ Procter & Gamble Company (Global)	1998–2003
☞ OSHA Georgia Office	2001
☞ Puget Sound Naval Shipyard (Regional).....	1998
☞ Saturn Corporation (Regional).....	1998
☞ Pacific Gas & Electric (Regional).....	1997
☞ Reynolds Metal Company (Regional).....	1996–1997
☞ Boeing Company (National)	1996
☞ CON-STEEL, Inc., General Contractors (National)	1996
☞ Navistar International (Regional)	1996
☞ IUE—General Motors (National).....	1995
☞ Danis Construction Company (National)	1995–1993

Qualified Person Training

☞ Honda Manufacturing of Indiana	2009
☞ Cedar Fair.....	2009
☞ 121 st Air Refueling Wing (Regional)	2007
☞ GM Powertrain—Willow Run	2007
☞ 121 st Air Refueling Wing (Regional)	2006
☞ Procter and Gamble Corporation (Global).....	2000
☞ Puget Sound Naval Shipyard (Regional).....	1998
☞ Saturn Corporation (Regional).....	1998
☞ Navistar (Regional)	1997
☞ The Reynolds Metal Company (Regional)	1997
☞ The Boeing Company (National)	1996

Machine Guarding Training

☞ GM Powertrain (Regional): Supervisors, Operators, Maintenance and Engineering.....	2003
--	------

INDUSTRY CONTRIBUTIONS, INVOLVEMENT AND PUBLICATIONS

Certificates and Courses

DESCRIPTION	HOURS	DATE
Ethics NSPE	2	August 25, 2014
Safety 2014: ASSE Professional Development Conference & Expo	6	June 11, 2014
ADA and Architectural Barriers Act Accessibility Guidelines	9	January 18, 2014
ADA Standards for Accessible Design	8	January 18, 2014
Ethics NSPE	2	July 11, 2013
2013 ISFP Symposium	8	June 27–28, 2013
Safety 2013: ASSE Professional Development Conference & Expo	17	June 25–27, 2013
The Inaugural David MacCollum Lecture on Design-Based Safety Veterans of Safety & Southern Arizona Chapter of the ASSE	4	March 7, 2013
Explosive Safety Standards	5	September 15, 2012
ADA Standards for Accessible Design	8	September 15, 2012
Safety 2012: ASSE Professional Development Conference & Expo	17	June 3–6, 2012
Ethics NSPE	2	April 16, 2012
ADA and Architectural Barriers Act Accessibility Guidelines	9	August 26, 2011
ADA Standards for Accessible Design	8	August 26, 2011
AISC Steel Camp, San Francisco, CA	15	July 21–22, 2011
Safety 2011: ASSE Professional Development Conference & Expo	17	June 12–15, 2011
Engineering Ethics, Course No. R102	1	September 7, 2010
ADA Standards for Accessible Design	8	March 7, 2010
Ethical Decision Making for Engineers No. 2	1	September 21, 2009
Safety 2009: ASSE Professional Development Conference & Expo	17	June 28–July 1, 2009
2008 International Fall Protection Symposium (ASSE)	8	June 13, 2008
ODOT Bridge Inspection Level II	10	March 27–29, 2007
ODOT Bridge Inspection Level I	24	March 14–16, 2007
AIMS Professional Development Courses	16	January 14–18, 2007
NSC Professional Development Courses	2	November 7, 2006
2006 International Fall Protection Symposium	16	June 14–15, 2006
Safety 2006: ASSE Professional Development Conference & Expo	16.5	June 12–14, 2006
STE Competent Person and Program Administrator for Fall Protection	40	May 15–19, 2006
STE Authorized Rescuer for Fall Protection	16	April 3–4, 2006
STE Competent Person and Qualified Person for Fall Protection	40	February 13–16, 2006
AIMS Professional Development Courses	8	January 15–19, 2006
Safety 2005: ASSE Professional Development Conference & Expo	16.5	June 11–15, 2005

DESCRIPTION	HOURS	DATE
AIMS Professional Development Courses	29	January 9–13, 2005
Safety 2004: ASSE Professional Development Conference & Expo	16.5	June 7–10, 2004
AIMS Professional Development Courses	29	January 12–16, 2004
Safety 2003: ASSE Professional Development Conference & Expo	16.5	June 22–25, 2003
Machine Safeguarding: Scientific Technologies, Inc.	2	August 5, 2003
Machine Safeguarding: Rockford Institute	20	March 11–13, 2003
OSHA Course 204A: Machinery and Machine Guarding Standards	30	February 17–21, 2003
AIMS Scaffold Safety	2	January 14–15, 2003
AIMS Fall Protection, Part 1 and Part 2	4	January 14, 2003
AIMS Professional Development Courses	29	January 12–16, 2003
ACI 318-02 Building Code Seminar	11	December 5–6, 2002
OSHA Course 502: Update for Construction Industry Outreach Trainers	19	November 13–15, 2002
Latchways Approved Installer Training Course	5	October 24, 2002
Fall Protection Rescue: Rope Access Awareness	16	August 22–23, 2002
OSHA Course 503: Update—General Industry Outreach Trainers	1.9	August 7–9, 2002
OSHA/AGC, Mobile Section: Competency Awareness Training for Fall Hazards	4	July 31, 2002
AIMS Professional Development Courses	40	January 2002
ASSE Taking the Lead in Construction Safety Through Engineering	1.35	November 8–9, 2001
Latchways Fall Arrest Systems Subcontractor Training Course		June 21, 2001
Safety 2001: ASSE Professional Development Conference & Expo	12	June 11–13, 2001
AIMS Professional Development Courses	40	January 14–18, 2001
Risk Management for the Architect/Engineer—Zurich	3	November 10, 2000
NSC Congress & Expo 2000 Professional Development Courses	1.2	October 13–20, 2000
BWC Developing a Comprehensive Safety and Health Program	6	May 4, 2000
OSHA Fall Protection: Are You Sure About That?	32	March 28–31, 2000
The Consultative Process: Performance Technologies	24	September 28–30, 1999
Implementation of Safety and Health on Construction Sites	2	March 24–27, 1999
Elements of a Fall Safety Through Design Program	.5	March 24–27, 1999
NSC Professional Development Courses	1.2	October 25–30, 1998
OSHA Course 503: Update for General Industry Outreach Trainers	20	September 30–October 2, 1998
Miami Valley Safety Council (Ohio): 46 th Annual Safety Conference Professional Development Course	.5	September 24, 1998
OSHA Course 502: Update for Construction Industry Outreach Trainers	20	August 19–21, 1998
Leadership Week, Franklin Covey	40	May 18–22, 1998
Beginning Windows 95	8	February 17, 1998

DESCRIPTION	HOURS	DATE
OSHA Course 308A: Scaffold User Safety Course	7	January 9, 1998
Effective Negotiating Seminar	15	November 3–4, 1997
NSC 85 th Congress & Expo Professional Development Courses	1.2	October 26–31, 1997
Aerial Platform Lifts	6	January 30, 1997
Overhead Lifting and Rigging Safety	6	January 20, 1997
Today's OSHA: A Compliance Update—American Management Association	16	1997
Qualified Person Training for Safety at Heights by Rose Management Association	16	February 5–6, 1996
OSHA 500: Train-the-Trainer in Construction Industry	32	January 22–26, 1996
How to Comply with OSHA's Job Hazard Analysis Guidelines: American Management Association	6	January 11, 1996
Surety Manufacturing and Testing LTD	4	1996
OSHA Course 325-001: Fall Protection Train-the-Trainer Course—Fall Protection Training	24	July 5–7, 1995
OSHA Course 325: Safety Standards for Fall Protection	24	February 6–8, 1995
Competent Person Training for Safety at Heights by Rose Manufacturing	80	February 3–17, 1995
Competent Person in Fall Protection Technology: CAL/NEV Safety and Health	24	1995
OSHA Course 501: Train-the-Trainer in General Industry	32	December 5–9, 1994
1994 International Fall Protection Symposium	16	October 27–28, 1994
Construction OSHA 1994 by American Construction Education Council	10	February 18–19, 1994
The Use of DBI/SALA Equipment and the Recognition and Avoidance of Fall Hazards	8	January 11–12, 1994
At-Risk Worker Training for Safety at Heights by Rose Manufacturing	16	1994
Confined Space Operations Training by Sheridan Safety	6	December 22, 1993
Principles and Applications of Elevated Fall Hazard Control by RTC	20	December 8–10, 1993
OSHA Fall Protection in the Construction Industry: Current Enforcement Emphasis	8	November 10, 1993
Recognition and Avoidance of Fall Hazards by Sheridan Safety	6	March 4, 1993

Lecturing Engagements

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
Safety 2014: ASSE Professional Development Conference & Exposition, Chicago, IL	Implementing ANSI Z359 in the Oil and Gas Extraction Industry	1 2014	30
STE Fall Protection Training Steel Dynamics (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Program Administrator	24 2013	30
Ohio Northern University Presentation to IEEE and OSPE Members (Speaker)	Sustainable Safety®: Introduction to Design-Based Safety: Securing the Future	2 2013	12
STE Fall Protection Training Cedar Fair (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person	40 2013	24
STE Fall Protection Training Honda Indiana (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person	40 2012	3
Safety 2012: ASSE Professional Development Conference & Expo, Denver, CO	Design the Hazards Away: Prevention Is the Cure	1 2012	80
STE Fall Protection Training Cedar Fair (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person	40 2011	25
National Safety Council 2011 Congress & Expo, Philadelphia, PA	Legal Eagle: OSHA's Multi-Employer Policy	1.5 2011	30
Safety 2011: ASSE Professional Development Conference & Expo, Chicago, IL	OSHA's Proposed Subparts D and I: What's the Big Deal?	1 2011	140
ISEM: Instituto de Seguridad Minera XV Seminario Internacional de Seguridad Minera (Lima, Peru)	Fall Protection: Legal Issues for Multi-Employer Sites and Their Specialty Contractors	1 2011	400
98 th NSC 2010 Congress & Expo San Diego, CA	Digging In: The Hazards of Construction Excavation	1.5 2010	30
STE Fall Protection Training Kings Island & Disney (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person and Program Administrator	40 2010	3
STE Fall Protection Training Program, Cedar Fair (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person	40 2010	23
University of Cincinnati, College of Engineering, Cincinnati, OH	Why a PE Matters? Control Your Future	.5 2010	150

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
STE Fall Protection Training Program, Honda Indiana (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person and Qualified Person	40 2009	11
STE Fall Protection Training Program, Cedar Fair (Speaker/Teacher)	STE Sustainable Safety® Certification for Managed Fall Protection: Competent Person and Qualified Person	40 2009	26
NSC 2009 Texas Safety Conference & Expo, The Woodlands, TX	Sustainable Safety: If You Want to Be Green	1 2009	100
NSC 2009 Texas Safety Conference & Expo, The Woodlands, TX	Employers and Safety: The Rules Have Changed	1 2009	100
University of Cincinnati, College of Engineering, Cincinnati, OH	Why a PE Matters? Control Your Future	.5 2009	150
96 th NSC 2008 Conference & Expo, Anaheim, CA	Crane Hazards: Engineer It Out	1.5 2008	100
Central Ohio Chapter of ASSE, Columbus, OH	Managed Fall Protection Program	1 2008	75
American Industrial Hygiene Conference & Expo 2008, Minneapolis, MN	Legal Implications: Multi-Employer Policy for General Industry and Its Contractors	1 2008	100
NSC 2008 Ohio Safety Conference & Expo, Columbus, OH	Apples, Pennies and LEGOs: Changing the Adult Learning Experience	2 2008	200
NSC 2008 Texas Safety Conference & Expo, Houston, TX	Fall Protection: The Competitive Edge	1 2008	75
Insurance Loss Control Association Conference 2007, Lexington, KY	Machine Guarding	2 2007	250
Safety 2007: ASSE Professional Development Conference & Expo, Orlando, FL	Implementing Z359.1: Managed Fall Protection Program Standard—Newer, Better Fall Protection	1 2007	
American Industrial Hygiene Conference & Expo 2007, Philadelphia, PA	The Legal Implications of the Multi-Employer Policy for General Industry and Their Contractors	1 2007	150
University of Cincinnati, College of Engineering, Cincinnati, OH	The Professional Engineer Duties and Ethics	.5 2007	200
NSC 2007 Michigan Safety Congress, Grand Rapids, MI	Construction Safety	1 2007	100
NSC 2007 Ohio Safety Congress, Cleveland, OH	Managed Fall Protection	1 2007	350
NSC 2007 Ohio Safety Congress, Cleveland, OH	Machine Guarding	1 2007	300

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
NAARSO 20 th Annual Ride Safety Inspection Forum, Orlando, FL	Managed Fall Protection	1.5 2007	100
AIMS 2006 Safety Seminar, Irving, TX	Fall Protection: Parts 1 and 2	2 2006	80
AIMS 2006 Safety Seminar, Irving, TX	Safety Leadership for Supervisors	1 2006	
Safety 2006: ASSE Professional Development Conference & Expo, Seattle, WA	The Legal Implications of the Multi-Employer Policy for General Industry and Their Contractors	1.5 2006	200
Safety through Engineering Training	Competent/Qualified Person for Fall Protection	2.5 2006	20
Safety through Engineering Training	Authorized Rescuer for Fall Protection	2 2006	10
2006 ISFP Symposium Program, Seattle, WA	Generating Results with Safety Based Training or Fall Protection: Learning for Life	1 2006	100
IPA/NFPA Education Conference in conjunction with the 2006 NFPA Annual Convention, Chicago, IL	How to Use Engineering, Safety and OSHA to Solve Your Case	1.25 2006	50
94 th NSC 2006 Congress & Expo, San Diego, CA	Managed Fall Protection: A Safety Milestone	1.5 2006	250
National Manufacturing Conference	Machine Guarding: A Case Study on OSHA, the Client, and the Consultant	2005	100
NALS Conference	How OSHA Can Make You Miserable or Masterful on Your Next Case	2 2005	200
93 rd NSC 2005 Congress & Expo	Rescue, Suspension Trauma and Legal Implications	1.5 2005	150
17th World Congress on Safety and Health at Work, Orlando, FL. Hosted by the National Safety Council	Leadership Responsibility of Government, Workers and Employers	1.5 2005	150
AIMS 2005 Safety Seminar	Fall Protection: Parts 1 and 2	2 2005	75
Safety 2005: ASSE Professional Development Conference & Expo	Fall Protection Legal Issues for Multi-Employers and Their Subcontractors	1.5 2005	200
American Industrial Hygiene Conference & Expo 2005	How Safety Professionals Can Influence Design Professionals to "Engineer Out" Hazards	1.5 2005	200
American Industrial Hygiene Conference & Expo 2005	Fall Protection Legal Issues for Multi-Employers and Their Subcontractors	1.5 2005	200

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
American Industrial Hygiene Conference & Expo 2005	Managed Fall Protection Program Update: PDC 706	16 2005	30
NSC 2005 Michigan Safety Conference	Zero Tolerance Equals Zero Accidents	1 2005	100
NSC 2005 Michigan Safety Conference	Machine Guarding: A case Study of State, OSHA, and Industrial Clients and the Safety Consultant	1 2005	150
ACI and OSHA Safety Conference	Multi-Employer Worksite Issues	1.5 2005	50
HIFI—Hazard Foundation Inc.	Multi-Employer Worksite Issues	1.5 2005	40
AIMS 2004 Safety Seminar, Irving, TX	Fall Protection, Part 1: Safety at Work	4 2004	50
AIMS 2004 Safety Seminar, Irving, TX	Fall Protection, Part 2: Training Awareness	4 2004	95
92 nd NSC 2004 Congress & Expo	Don't Just Let Me Hang Here, Rescue Me!	1.5 2004	130
Safety 2004: ASSE Professional Development Conference & Expo, Las Vegas, NV	The Managed Fall Protection Program	1.5 2004	100
American Industrial Hygiene Conference & Expo 2004	What Is the Real Cost of Your Managed Fall Protection Program?	16 2004	25
American Industrial Hygiene Conference & Expo 2004	The Managed Fall Protection Program for Construction	1.5 2004	100
NSC 2004 Michigan Safety Conference	Multi-Employer Worksite Issues	1 2004	100
5 th Annual Construction Safety Day by Allied Construction Industries	Understanding OSHA's Multi-Employer Citation Policy	1 2004	50
American Industrial Hygiene Conference & Expo 2003	And They All Fell Down (Subpart L and Subpart M)	8 2003	30
AIMS 2003 Safety Seminar and Certification Testing	Fall Protection	4 2003	40
AIMS 2003 Safety Seminar and Certification Testing	Scaffolding	2 2003	25
Safety 2003: ASSE Professional Development Conference & Expo	Why General Industry Is Calling the Contractors' Bluff on Fall Protection (Subpart L and Subpart M)	1.5 2003	200
Construction Program Group (CPG)	How to Create a Fall Protection Program for Your Contractors (Subpart L and Subpart M)	2 2003	25
International Concrete Restoration Institute	The Managed Fall Protection Program	1.5 2003	25

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
2003 ISFP Symposium Program	Trained Competent Persons: Fact or Fiction?	.5 2003	150
91 st NSC 2003 Congress & Expo	An Effective Managed Fall Protection Program	1.5 2003	150
91 st NSC 2003 Congress & Expo	The "Legal Eagle" Side of Fall Protection	1.5 2003	80
Rockford Systems, Inc.	Machine Safeguarding	1 2003	
American Industrial Hygiene Conference & Expo 2002	Fall Protection: New and Improved	1.5 2002	250
AIMS 2002 Safety Conference & Expo and Certification Testing	Fall Protection	4 2002	40
AIMS 2002 Safety Conference & Expo and Certification Testing	Scaffolding	2 2002	20
90 th NSC 2002 Congress & Expo	Training That Sticks	1.5 2002	100
GM-WFG Ohio Region Safety Conference	Do We Really Have Competent Persons?	40 minutes 2002	100
NSC 2002 Michigan Safety Conference	Fall Protection in Construction	1.5 2002	200
90 th NSC 2002 Congress & Expo	The Legal Eagle Roundtable	1.5 2002	150
89 th NSC 2001 Congress & Expo	Fall Hazards: A Case Study for General Industry	1.5 2001	200
89 th NSC 2001 Congress & Expo	Fall Protection in Construction	1.5 2001	150
Construction Safety Day: Allied Construction Industries (ACI)	Safety in the Design/Build Concept Impact on Constructability	.75 2001	75
AIMS 2001 Safety Conference & Expo and Certification Testing	Scaffolding Standards and Regulations for Amusement Industry	2 2001	50 (per class)
AIMS 2001 Safety Conference & Expo and Certification Testing	Fall Protection Standards and Regulations for Amusement Industry	4 2001	50 (per class)
ASSE Construction Safety Symposium	How "Jack the Contractor" Used Fall Protection and Gained the Competitive Edge	1.5 2001	75 (per class)
10 th Annual Ohio Conference on OSHA	Safety by Design: Approaches to Fall Protection	1.5 2000	300
88 th NSC 2000 Congress & Expo	Fall Protection: The Engineering Solution	1.5 2000	200

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
2000 ISFP Symposium Program	Fall Protection Planning of Anchorage System Capabilities, etc.	.5 2000	350
2000 ISFP Symposium Program	Fall Protection Equipment Selection and Anchor Point Capacities	.5 2000	350
47 th Annual Safety, Health and Environmental Conference sponsored by Miami Valley Safety Council, OH	Why Falls Are Still Killing Our Workers	1 1999	100
87 th NSC 1999 Congress & Expo	Stop Wasting Time, Resources and Lives with Your Fall Protection Program; Co-Speaker with Mrs. Barbara J. Bielaski, Project Officer, Office of Construction and Civil Engineering Safety Standard and author of 1926.500 Subpart M	3 1999	100
All Ohio General Motors Company Safety Conference	Fall Protection Solutions as Unique as Your Challenges	3 1999	100
West Central Ohio Safety Council	Why Falls Are Still Killing Our Workers	3 1999	100
6 th Annual Safety, Health and Environmental Day	Fall Protection	4 1999	500
1998 Professional Development Conference sponsored by the Bureau of Worker's Compensation	Overview of 1926 Subpart L and M, and Use of Horizontal Lifeline Applications	2 1998	300
86 th NSC 1998 Congress & Expo	Falls Are Still Killing Our Workers; Co-Speaker with Mrs. Barbara J. Bielaski, Project Officer, Office of Construction and Civil Engineering Safety Standard and author of 1926.500 Subpart M	3 1998	600
Association for Facilities Engineering (AFE) Regional Presentation	How to Develop an Engineered Fall Protection Program	1.5 1998	200
Navistar Safety Conference	Fall Protection Awareness	5 1998	100
10 th Annual Indiana Plant Engineering and Maintenance Conference	Safety/Engineering: A Fall Protection Program—From Audit to Evaluation	1.5 1997	200
17 th Annual Professional Development Institute sponsored by All Ohio Council of American Society of Safety Professionals (ASSE)	Fall Protection	4 1997	400
Safety 1997: ASSE Professional Development Conference & Expo	Safety Engineering: A Fall Protection Program—From Audit to Evaluation	1.5 1997	600

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
45 th Annual Safety, Health and Environmental Conference sponsored by Miami Valley Safety Council, OH	Fall Protection: A Fall Protection Program from an Engineer's Approach	1 1997	200
85 th NSC 1997 Congress & Expo	Developing a Fall Protection Program Based on Safety by Design, Co-Speaker with Mrs. Barbara J. Bielaski, Project Officer, Office of Construction and Civil Engineering Safety Standard and author of 1926.500 Subpart M	1.5 1997	1,000
American Contractors Insurance Group	Contractor Education Series on Fall Protection Requirements. Scaffolding; Video for Safety/Claims Management Workshop	8 1997	150
Association for Facilities Engineering (AFE), Regional Presentation	How to Eliminate Fall Hazards	1.5 1997	200
Governor's Conference on Safety and Health sponsored by Oklahoma Safety Council and American Society of Safety Engineers (ASSE)	How to Develop a Fall Protection Program	2 1997	400
Kittyhawk (OH) Chapter of American Society of Safety Engineers (ASSE)	Fall Protection	2 1997	100
NAVFAC, OSHA's Support Office	How to Implement a Fall Hazard Control Program	4 1997	75
57 th Annual Southwest Conference & Expo sponsored by Texas Safety Association	Fall Protection: The Engineered Solution—Track F	1.5 1996	200
84 th NSC 1996 Congress & Expo	Fall Protection Update—General Industry, Construction and Regulatory, Co-Speaker with Mrs. Barbara J. Bielaski, Project Officer, Office of Construction and Civil Engineering Safety Standards and author of 1926.500 Subpart M	3 1996	1,000
84 th NSC 1996 Congress & Expo	Developing a Fall Hazard Control and Prevention Program	3 1996	1,000
10 th Annual Convention and Safety Seminar	Fall Protection: Engineering Fall Hazards Out!	Hours 1996	
2 nd Annual Health and Safety Conference IUE-GM	Fall Hazards Identification, Evaluation, and Control Program	3 1995	400
Safety 1995: ASSE Professional Development Conference & Expo	1926 Subpart M Construction Fall Protection Standards	1.5 1995	800

EVENT ORGANIZATION	TITLE OF PRESENTATION	HOURS YEAR	NO. OF ATTENDEES
Springfield Safety Council	Overview of Safety Issues	1 1995	100
83 rd NSC 1995 Congress & Expo	Fall Protection Program and Procedures	1.5 1995	500
Dayton Area Chamber of Commerce	Fall Protection: Engineering Out Fall Hazards	1 1995	200
ASSE 2000 Safety Technology Symposium (forum for advanced study in the fields of safety)	Fall Protection: Engineering Out Fall Hazards	1 1995	200
The Associated General Contractors of America	The New Fall Protection Standard, Subpart M: 1926.500, .501 and .502	3 1994	300
American Institute of Steel Construction	Design of Steel Connections	1 1990	200

Memberships

- ☞ American Concrete Institute (ACI)
- ☞ American Institute of Steel Construction (AISC)
- ☞ American National Standards Institute—Standards Committee Member (ANSI)
 - A1264.1-2007: Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace Floor, Wall and Roof Openings; Stairs and Guardrails Systems—Committee Member
 - Z117: Safety Requirements for Confined Spaces—Confined Space Committee Member
 - Z359—Fall Protection Full Committee Member
 - Z359.0-2007: Definitions and Nomenclature Used for Fall Protection and Fall Arrest—Vice Chairman for Managed Fall Protection Program Subcommittee
 - Z359.1-1992 (R1999): Historical Document
 - Z359.1-2007: Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components—Subcommittee Member
 - Z359.2-2007: Minimum Requirements for a Comprehensive Managed Fall Protection Program—Subcommittee Member
 - Z359.3-2007: Safety Requirements for Positioning and Travel Restraint Systems—Subcommittee Member
 - Z359.4-2007: Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components
 - Z359.6-200X: Safety Requirements and Specifications for Personal Fall Arrest Systems (PFAS)
 - Z359.8-200X: Safety Requirements for Rope Access
 - Z359.12-200X: Safety Requirements for Connecting Components for Personal Fall Arrest Systems (PFAS)
 - Z359.15-200X: Safety Requirements for Vertical Lifelines for Personal Fall Arrest Systems (PFAS)
 - Z359.16-200X: Safety Requirements for Fall Arresters for Personal Fall Arrest Systems (PFAS)
 - Z359.17-200X: Safety Requirements for Horizontal Lifelines for Personal Fall Arrest Systems (PFAS)
 - Z359.18: Safety Requirements for Anchorage Connectors for Personal Fall Arrest Systems (PFAS) Subcommittee
 - Z490: Criteria for Best Practices in Safety, Health and Environmental Training Committee
- ☞ American Society of Civil Engineers (ASCE)
- ☞ American Society of Mechanical Engineers (ASME)
- ☞ American Society of Safety Engineers (ASSE)
- ☞ American Welding Society (AWS)
- ☞ American Wood Council (AWC)
- ☞ Association for Facilities Engineering (AFE)
- ☞ ASTM International
 - ASTM Committee F24: Amusement Rides and Devices
 - ASTM Committee F24.24: Design and Manufacture—New Ride Fall Protection Working Group Chairman
- ☞ Board of Certified Safety Professionals (BCSP)
- ☞ Cincinnati Society of Safety Engineers
- ☞ Dayton/Miami Valley Safety Council
- ☞ Dayton Society of Professional Engineers
- ☞ Deep Foundations Institute (DFI)
- ☞ Institute for Safety Through Design—Charter Member (ISTD)
- ☞ International Society for Fall Protection (ISFP)
- ☞ International System Safety Society (ISSS)
- ☞ National Council of Examiners for Engineering and Surveying (NCEES)
- ☞ National Fire Protection Association (NFPA)
- ☞ National Safety Council (NSC)
- ☞ National Society of Professional Engineers (NSPE)
- ☞ Pile Driving Contractors Association (PDCA)
- ☞ United States Technology Advisory Group (U.S. TAG) to ISO/TC94/SC4 Delegation

Published Articles

- Wright, Michael C., Jeremy T. Deason, and Mark E. Williams. "Implementing ANSI Z359 in the Oil and Gas Extraction Industry," Proceedings of the 2014 ASSE Professional Development Conference & Exposition, June 8–11, 2014, Session No. 757.
- Wright, Michael C., and Jeremy T. Deason. "Design the Hazards Away: Prevention Is the Cure." Proceedings of the 2012 ASSE Professional Development Conference & Exposition, June 3–5, 2012, Session No. 542.
- Wright, Michael C., and Mark E. Williams. "OSHA's Proposed Subparts D and I: What's the Big Deal?" Proceedings of the 2011 ASSE Professional Development Conference & Exposition, June 12–15, 2011, Session No. 619.
- Wright, Michael C., Jeremy Deason, and Mark E. Williams. "Design the Hazards Away: Increased Fall Protection via Sustainable Safety Principles." *Facility Safety Management*, February 2011, 18–20.
- Wright, Michael C. "Alternative Procedures vs. Conventional Fall Protection Systems." *Facility Safety Management*, September 2010, 37–38, 39.
- Wright, Michael C., Jeremy Deason, and Mark E. Williams. "Portable Ladders: Inspect, Train and Differentiate Based on Design and Use." *Facility Safety Management*, July 2010, 15–17.
- Wright, Michael C. Quoted in "Orthostatic Intolerance: Prevent Prolonged Suspension in Fall Protection Devices." *Facility Safety Management*, May 2010, 25–28 (no author).
- Wright, Michael C., and Jeremy Deason. "Sustainable Safety: A Lifecycle Strategy for Fall Prevention." *Facility Safety Management*, February 2010, 17–20.
- Wright, Michael C., and Moniqua Suits. "Safety Steward: Training Takes a New Direction." in Chapter 3: "Consulting, Insurance & Loss Control." *The Grey House Safety & Security Directory*, 2009, 131–32.
- Wright, Michael C., and Moniqua Suits. "Are You Rescue-Ready for Fall Protection?" in Chapter 7: "Fall Protection." *The Grey House Safety & Security Directory*, 2009, 509–13.
- Wright, Michael C., and Moniqua Suits. "Why We Need Managed Fall Protection." in Chapter 7: "Fall Protection." *The Grey House Safety & Security Directory*, 2009, 501–502.
- Wright, Michael C. "Machine Guarding Safety from Purchase to Programs." in Chapter 10: "Machine Guards, Process Guidelines & Tool Handling." *The Grey House Safety & Security Directory*, 2009, 717–719.
- Wright, Michael C. Quoted in "New Frontiers in Fall Protection Equipment." By Katherine Torres, *Occupational Hazards*, June 2007, 31–35.
- Wright, Michael C. "Fall Protection: Take Your Safety Training to New Heights." *Industrial Safety & Hygiene News*, January 2007, 42, 44.
- Wright, Michael C., and Moniqua Suits. "Maverick Thinking: Fall Protection Through Engineering, Better Training." *Facility Safety Management*, September 2006, n.p.
- Wright, Michael C., and Moniqua Suits. "Safety Training: Hard to Be Successful Without It." *Facility Safety Management*, August 2006, 26–30.
- Wright, Michael C., Moniqua Suits, and Thomas M. Green. "OSHA's Multi-Employer Work Site Policy: Who's on First?" *Occupational Health & Safety*, Vol. 75, No. 7 (July 2006): n.p.
- Wright, Michael C., Moniqua Suits, and Katie Karnehm. "Fall Prevention Strategies: Four Key Areas to Consider in Program Development." *Professional Safety*, May 2006, 69–71.
- Wright, Michael C., and Moniqua Suits. "Safety Steward: Training Takes a New Direction." in Chapter 3: "Consulting, Insurance & Loss Control." *The Grey House Safety & Security Directory*, 2006, 91–92.
- Wright, Michael C., and Moniqua Suits. "Are You Rescue-Ready for Fall Protection?" in Chapter 7: "Fall Protection." *The Grey House Safety & Security Directory*, 2006, 375–79.
- Wright, Michael C., and Moniqua Suits. "New Fall Protection ANSI Standards Proposed." *Transmission & Distribution World Magazine*, November 2005, n.p.
- Wright, Michael C., Moniqua Suits and Katie Karnehm. "Hierarchy of Fall Protection: Engineering and Planning for Safety in the Workplace." *Facility Safety Management*, November 2005, n.p.

Wright, Michael C. Quoted in “Warning: Hanging Tough Can Kill You.” By James G. Parker, *Safety + Health*, July 2005, 28–30.

Wright, Michael C. Quoted in “After the Fall: Will Your Rescue Program Leave Workers Hanging?” By Josh Cable, *Occupational Hazards*, June 8, 2005, n.p.

Wright, Michael C. “Machine Guarding Safety from Purchase to Programs.” in Chapter 10: “Machine Guards, Process Guidelines & Tool Handling.” *The Grey House Safety & Security Directory*, 2005, 619–621.

Wright, Michael C. Quoted in “Getting a Grip on Fall Protection.” By Karen Gaspers, *Safety + Health*, Vol. 170, No. 6 (December 2004): n.p.

Wright, Michael C., and Moniqua Suits. “Managed Fall Protection Programs.” *Construction Safety*, September 13, 2004, 13–15.

Wright, Michael C., and Moniqua Suits. “Getting Started with Managed Fall Protection.” *Occupational Hazards*, April 2004, 37–39.

Wright, Michael C., and Moniqua Suits. “Will a New ANSI Standard Rescue Fall Protection?” *Occupational Hazards*, March 23, 2004, n.p.

Wright, Michael C. Quoted in “Revised Z-359 Takes Shape.” By Jerry Laws, *Occupational Health & Safety*, March 2004, n.p.

Wright, Michael C., and Moniqua Suits. “Horizontal Lifelines: Don’t Leave Them Hanging.” *Occupational Health & Safety*, March 2004, n.p.

Wright, Michael C. “Fall Protection Training: Is Your ‘Competent Person’ Truly Competent?” *Industrial Safety & Hygiene News*, January 2004, 37.

Wright, Michael C. Quoted in “AIHCE: Preventing Falls by Design.” By Sandy Smith. *Occupational Hazards*, June 4, 2002, n.p.

Wright, Michael C. Quoted in “Cultural Shift Required to Introduce Safety During Project Planning Stages.” Interview for *Occupational Safety & Health Reporter* (BNA), Vol. 32, No. 8 (February 21, 2002): 170–72.

Wright, Michael C. Quoted in “Safety Experts Recommend the Use of the Hierarchy of Control to Prevent Falls.” *Occupational Safety & Health Reporter* (BNA), September 27, 2001, n.p.

Wright, Michael C. “Don’t Get Caught Without a Net.” *Safety + Health*, January 1996, 76–78.

Safety Manuals

Steel Dynamics, Inc.	2013
SDI Contractor Safety Program Guidelines	
The Procter and Gamble Company	1999
Fall Prevention and Awareness Manual	
Delphi Saginaw Steering Systems, Athens, AL	1998
Manual	
Saturn Corporation	1998
Fall Prevention and Awareness Manual	
Danis Construction Company	1997
Fall Arrest Manual	
The Reynolds Metal Company.....	1997
Developed three volumes of design charts and tables for fall protection	
UAW Ford.....	1996
Reviewed and edited the UAW-Ford Fall Protection Process: “Working at Heights” (Worker-at-risk training manual for competent person trainers)	
Harrison Thermal System Division of General Motors.....	1994
Hazard Awareness Manual for Upper Management	