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Cheryl Scanlon-Zinner, CSP  
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# SAFETY RESEARCH, INC.

## Curriculum Vitae Cheryl Scanlon-Zinner, CSP

**SUMMARY of SAFETY EXPERIENCE:** Over 30 years' experience in safety management and consulting:

- Provided safety consulting & training services for more than 150 organizations in 28 states.
- Provided hazard control advice relative to OSHA general industry and construction standards.
- Developed hundreds of safety programs and plans for corporate and government workplaces and projects.
- Trained management representatives, supervisors, and workers in the following areas: safety management; incident investigation & root cause analysis; fall protection; construction site safety; hazard communication; ladder safety; scaffold safety; lockout/tagout programs & procedures; respiratory protection; hazardous waste & emergency response (HAZWOPER); trenching & excavation; job hazard/job safety analysis.
- Performed thousands of safety inspections, audits, assessments, and incident investigations for corporate and government clients.
- Investigated cases of worker injury and provided opinions, reports and/or testimony in over 350 cases.

**AREAS OF EXPERTISE:**

- The Standard of Care for worker injury prevention
- OSHA standards for general industry and construction
- OSHA policies and practices, including OSHA's Multi-Employer Citation Policy
- Construction safety management – responsibilities of employer, construction project owner, construction manager, general contractor, contractor and subcontractor
- Safety management in non-construction work environments – role of property owner, employer, host employer and contractor in worker injury prevention
- Principles and practices of hazard identification, evaluation and control
- Industry safety standards and best practices
- Principles and practices of hazard control – the Hierarchy of Controls
- Development and implementation of health and safety programs, policies and procedures
- Safety of non-employees on an owner's premises
- The prevention of injury to the public relative to construction projects
- The standard of care relative to reasonable steps for hiring safe contractors
- Compliance with federal and state OSHA regulations



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### **CERTIFICATIONS & EDUCATION:**

Bachelor of Science, Environmental Science, Pennsylvania State University, 1989  
Board of Certified Safety Professionals, Certified Safety Professional (CSP) #18568  
Authorized OSHA Outreach Trainer for Construction 2007-2020  
40-Hour OSHA Hazardous Waste Operations Health and Safety Training  
8-Hour OSHA Hazardous Waste Operations Supervisor Training  
OSHA 30-hour General Industry and Construction  
Human and Organizational Performance Certificate, National Association of Safety Professionals

### **MEMBERSHIPS:**

American Society of Safety Professionals. Professional Member since 1999. President of the ASSP Philadelphia Chapter (2017-2019). Philadelphia Chapter Safety Professional of the Year (2021)  
International Society for Fall Protection  
National Safety Council  
Delmarva Safety Association, 1992-2019  
Mid-Atlantic Construction Safety Council  
National Association of Safety Professionals

### **PROFESSIONAL EXPERIENCE:**

#### CONSULTANT:

#### **Safety Research, Inc., Audubon, NJ, 2020 to present**

Owner and Principal Consultant. Provides incident investigation, evaluations, forensic litigation support, and expert witness services for attorneys in workplace injury cases. Provides independent case evaluation of safety responsibility based on the principles and practices of injury prevention established by industry safety authorities and the Occupational Safety and Health Act, that is, the standard of care.

#### **Scanlon Safety Services, LLC, Wilmington, DE, 2007-present**

Owner and Primary Consultant. Provides occupational safety consultation services for corporations and government agencies. Safety consultive services include safety program development, hazard evaluation, worker injury causation evaluations, safety inspections and program audits, hazard control remedies, training of managers, supervisors, and workers.



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### **Subcontractor to Ellis Fall Safety Solutions, Various Locations in U.S. 2007-2020**

Training Manager and Senior Consultant. Provided fall protection assessments, surveys, evaluation and fall protection program development; Provided fall protection, ladder and scaffold safety training for clients in government, industry and construction throughout the United States.

### **Tetra Tech, Inc., Various Locations 1991-2007: Full Time Employee; 2007-2017: Part-Time Employee**

Corporate Safety Leader for Water, Environment and Infrastructure Group. Provided occupational safety support services to over 40 offices of this international engineering firm. Leader of the team that developed, reviewed and updated the corporate safety program; performed incident investigation and analysis; developed safety plans for hazardous waste site activities, construction projects, and other engineering projects; conducted audits and evaluations of field activities including large construction projects. Conducted training for safety managers in safety management, safety program implementation and incident investigation/root cause analysis.

ADJUNCT INSTRUCTOR: Delaware County Community College, Media, PA, Construction Safety (TCS 141) 2008-2010

### SELECTED PROJECT EXPERIENCE:

#### **Workplace Safety Program Audits, Delaware Insurance Department Workplace Safety Program (2016-present)**

As an independent consultant for this government agency, determines whether employers who participate in the voluntary workplace safety program should receive a discount on workers' compensation premiums based on maintaining a safe workplace. Over 500 work sites are inspected annually, including those for construction, manufacturing, retail, warehousing, trucking & transportation, food service, and municipalities. Safety programs are reviewed for compliance with OSHA and industry standards and best practices.

#### **Construction Safety Planning and Oversight; Ralph G. DegliObizzi Company (2024-2025)**

Provided construction safety consultation and periodic inspections of construction sites.

#### **Construction Safety Planning and Oversight; City of Frederick, MD (2022)**

Provided consultation regarding feasible methods of fall protection for the city's Fall Protection Improvement Project at several wastewater treatment plants, developed site-specific safety plans and conducted safety audits during construction.



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#### **Construction Safety Oversight; Tusick & Associates, Inc., General Contractor; Blawnox, Pennsylvania (2020-2022)**

Worked with on-site Safety Officer to ensure the requirements of Army Corps of Engineers Manual EM 385-1-1 were met for construction projects on military bases in New England and Mid-Atlantic States. Reviewed written safety programs, plans and activity hazard analyses (AHAs) for work performed by several contractors on each project. Ensured implementation of safety protocol for construction work during Covid-19 pandemic.

#### **Risk Management Consultant, ExxonMobil, Nationwide U.S. (2015-2022)**

Performed risk management audits of vendors conducting oil-field and other waste disposal operations.

#### **Safety Program Development & Implementation, Winterthur Museum, Delaware (2007–2023)**

Reviewed and updated the occupational safety and health program for non-profit with over 300 employees and volunteers. Developed plans, including worker training, for addressing such hazards as: use of tools, exposure to biohazards, hot work, confined spaces, chemicals, excavations & trenches, chemical wastes, and work at heights.

#### **Safety Program Development, Fluoron, Inc., Elkton Maryland (2020)**

Evaluated manufacturing business and its facility for compliance with OSHA Workplace Safety and industry standards and identified existing hazards present in the workplace. Prepared a report detailing the findings with recommendations that the company used to prioritize budget and planning initiatives.

#### **Safety Program Development, American Seaboard Exteriors, Inc., Wilmington, Delaware (2019)**

Worked with this specialty construction company to develop a written occupational safety program addressing safety management roles & responsibilities, electrical safety, fall protection, scaffolding, fire protection, hazard communication, ladders, mobile elevating work platforms, personal protective equipment, and subcontractor safety management. The program included checklists and forms for company to use in implementing program and documenting inspections.

#### **Safety Consulting, MacDermid Chemical Company, Middletown, Delaware (2013-2018)**

Reviewed and updated lock-out/tag-out program and developed machine-specific procedures for the control of hazardous energy for the repair and maintenance of over 80 machines. Conducted industrial hygiene sampling and reporting related to occupational noise, explosives, and toxic vapors.



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### **Safety Program Development, New Castle County Department of Public Works (2000-2007)**

Worked with local government agency to develop a comprehensive, managed occupational safety & health program for its employees. The program included plans to address unique risks to wastewater workers including biohazard control, confined space entry, hazardous waste operations, and emergency response. Updated the program annually and provided training to workers.

### **Technical Editor, Introduction to Fall Protection 5<sup>th</sup> Edition- published by the American Society of Safety Engineers (published June 2021) by J. Nigel Ellis Ph.D., CSP, P.E., CPE**

As Technical Editor, worked closely with the author and contributors to ensure the latest information related to fall protection safety and engineering were included in the publication. Responsible for ensuring that all relevant fall protection topics were thoroughly covered, including regulations and standards, slips, trips and falls, stairs, scaffolds and ladders, engineering of lifeline systems, rope access, and other topics. Also served as technical editor for the 4<sup>th</sup> edition of the book, published in 2012.

### **Fall Protection Program Development; Tank Building Company, Long Island City, New York (2018-2020)**

Developed comprehensive fall protection program for company that builds water tanks on rooftops of buildings in the New York City area. Program development included detailed risk analysis of all company operations at elevation, including manufacturing and installation of tanks. Worked with engineering team in design of unique anchorage connectors. Conducted customized training for program administrators and qualified and competent persons.

### **Safety Program Development; Ned Stevens Gutter-Cleaning, Fairfield, New Jersey (2019-2021)**

Developed comprehensive safety program for company that cleans residential gutters in 15 states. Program development included risk evaluation of operations conducted and analysis of solutions for many different roof types. Conducted customized training for competent persons and authorized users of unique portable fall restraint system. Prepared deliverables for company to submit to OSHA to satisfy regulator's requirements.

### **Fall Protection Training, Amtrak, Philadelphia, PA (2016-2021)**

Provided fall protection Competent Person and train-the-trainer instruction for management and supervisors. Training was customized for electrical railroad operations based on the duties of the attendees.



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### **Fall Protection Training and Consulting, Hawaii Electric Companies (2016–2020)**

Developed and provided customized fall protection Competent Person training for management, safety professionals, and supervisors for Hawaii's power companies. Worked with the power companies on three islands to develop specific fall protection procedures and rescue plans.

### **Fall Protection Training and Consulting, Walt Disney Parks & Resorts, Florida and California (2012-2019)**

Provided fall protection Competent Person training to over 3,500 employees of this large entertainment company. Developed curriculum for safety professionals, engineers, front-line supervisors, construction managers, utility workers, mechanics, operators, fireworks technicians, entertainers, and those with other diverse job descriptions. Provided consulting services related to the development of a corporate fall protection program, including procedures for fall protection related to attractions, rides, park maintenance, entertainment, parade floats, and use of personal protective equipment.

### **Fall Protection Assessments, Potash Corporation, U.S. and Canada (2010-2020)**

Conducted fall protection assessments at three phosphate mines and six chemical plants for a large fertilizer manufacturer. Surveyed each facility, discussing tasks performed at elevation with facility and contract employees at each site. Developed solutions to address each identified hazard, including recommending engineering improvements, placements of stairs and guardrails, and installation of active fall arrest systems. Produced reports for each of the plants and developed a corporate-wide document titled Best Practices and Future Needs in Fall Protection.

### **Safety Program Development, City of Chicago, Illinois (2015)**

Worked on a team responsible for preparing a comprehensive occupational safety and health program for a large municipality. Developed programs for aerial work platforms, fall protection, ladders, scaffolding, and walking & working surfaces.

### **Fall Protection Assessment, University of Maryland, College Park, Maryland (2012)**

Worked with University facilities and safety staff to identify fall hazards related to maintenance and construction work on the University's main campus buildings. Following the fall protection hierarchy of controls, eliminated the need for use of personal fall arrest systems in most outdoor work areas. Addressed fall hazards in the chapel attic by proposing engineering controls and installation of additional walking/working surfaces to prevent fall-through hazard to employees working in this interstitial space.



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### **Fall Protection Equipment Assessment and Training, U.S. National Oceanic and Atmospheric Administration, New England (2011)**

Assisted with selection and use of fall restraint and arrest equipment aboard several ships based in Massachusetts and Rhode Island. Ensured that use of equipment was in accordance with OSHA maritime standards and the ANSI/ASSE Z359-2007 Fall Protection Code. Provided fall protection training to scientists and crew members who worked aboard the ships.

### **Construction Safety Consulting and Oversight, Steel Manufacturing Plant, Delaware (2014)**

Following a worksite accident, provided general safety oversight for a contractor installing a new bag house after the contractor received an OSHA citation. Made recommendations to change the type of fall protection equipment used and selected more suitable anchorage points.

### **Safety Oversight, Agricultural Chemical Company, Connecticut and North Carolina (2011)**

Conducted fall protection training and oversight of a contractor due to unique hazards associated with greenhouse refurbishment. Oversight ensured that all approved procedures were used, including lock-out, crane use and acceptable equipment staging angles. Provided employee training in proper selection and use of fall protection equipment.

### **Fall Hazard Assessments, Pharmaceutical Company, Various Locations (2010–2020)**

Conducted comprehensive fall hazard evaluation of offices and manufacturing buildings. Prepared reports providing detailed assessments of the work tasks performed at elevation for both maintenance and construction work.

### **Fall Hazard Assessments, Armstrong Flooring, Pennsylvania and Texas (2011 & 2016)**

Performed comprehensive fall hazard assessments for a manufacturer at their corporate headquarters and several manufacturing plants. Recommended solutions for fall hazards based on the fall protection hierarchy of controls (eliminate, prevent, arrest). Identified new hazards, including those related to loading docks, skylights, low parapet walls, ladders, and non-certified cables used for fall arrest anchorage.

### **Fall Hazard Assessments and Engineering Evaluations for International Commercial Bakeries Company, various locations throughout U.S. (2010-2020)**

Conducted fall hazard assessments and produced comprehensive detailed reports including engineering recommendations and cost estimates for several large commercial bakeries. Assessed fall hazards including work in confined spaces, change out of filters in silos, and other activities throughout each bakery. Trained employees in selection and safe use of fall restraint and arrest equipment.



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#### **Fall Protection Assessments, Large Retailer, various locations throughout U.S. (2010-2012)**

Assisted this company in identifying and evaluating fall hazards related to work at its headquarters and on the inside and outside of its stores by both its own employees and contracted workers. Developed solutions for fall hazards related to roof-top work, work on refrigeration units inside its stores, and work related to maintenance and repair tasks.

#### **Vessel Safety Officer, CSERT under contract to National Response Corporation (July 2010)**

Acted as interim safety officer overseeing skimming vessel safety officers for the Deepwater Horizon Oil Spill cleanup in the Gulf of Mexico. Worked with BP, EPA, OSHA and the U.S. Coast Guard to ensure worker safety aboard vessels and at three decontamination stations in Louisiana.

#### **PRESENTATIONS & TALKS:**

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|---------------|--|
| December 2024 | <i>Your Superpowers as a Safety Professional, Achieving the Goals of the Profession</i><br>American Society of Safety Professionals Philadelphia, PA Chapter Meeting                                       |
| November 2019 | <i>Safety on the Set, Implementation of a Fall Protection Program during a Movie Shoot, with Rick Kain, Stunt Coordinator</i><br>American Society of Safety Professionals Philadelphia, PA Chapter Meeting |
| May 2019      | <i>Fall Protection Training for Emergency Response Authorized Persons</i><br>Maryland State Firemen's Association Monthly Meeting, Sudlersville, MD  |
| April 2019    | <i>Training Users of Fall Arrest Equipment</i><br>Delmarva Safety Association Spring 2019 Conference, Ocean City, MD   |
| November 2014 | <i>What Happens When I Fall? Training the Fall Protection Authorized Person</i><br>American Society of Safety Engineers Philadelphia, PA Chapter Meeting   |
| November 2014 | <i>Falling Down on the Job: Fall Protection on Construction Sites</i><br>National Association of Subrogation Professionals Annual Conference, Orlando, FL  |