Curriculum Vitae



Franklin A. "Chip" Darius Jr., MA
OHST, CSHO, CUSP, CIT, HSO

Safety Priority Consultants, LLC
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Summary of Safety & Health Expertise

35 years as a safety and health/OSHA compliance consultant, trainer, conference speaker, and author. 24 years teaching courses on OSHA standards, regulations and policies as Instructor for OSHA Training Institute Region 1 (Boston Region) Education Center and Adjunct Faculty at Keene State College. Expert in applying OSH Act of 1970, OSHA standards, OSHA regulations and policies for both General Industry and Construction, and safety-related national consensus standards, to working conditions. Frequently perform health and safety and OSHA-related inspections, audits, assessments, and training. Member of national safety standards-setting committees. Retained as an expert in over 440 legal cases involving fatalities, catastrophic injuries, and personal injuries. Deposition and trial testimony in matters in over 20 states, including federal cases. Areas of particular safety and health expertise include:

- Slips, trips, falls, and floor/stair/walking surface safety
- Fall protection, fall prevention, personal fall arrest systems (PFAS/PFPE)
- Scaffolds, platforms, ladders, articulated ladders
- Aerial boom lifts, scissor lifts, MEWPs, work at heights
- Forklifts/powered industrial trucks and rough terrain forklifts/telehandlers ("Lulls")
- Heavy equipment struck-by, back-over, and run-over prevention
- Machine safeguarding, risk assessment, and amputation prevention
- Roadway work zone safety, temporary traffic control, and flaggers
- High visibility safety apparel and ANSI/ISEA 107
- OSHA standards, guidelines, and policies and related ANSI standards
- Multi-employer worksites, General Contractor/Controlling Employer safety responsibilities, and temporary employees
- Effective safety training, failure to train, inadequate training, safety training issues
- Railroad-related injuries and the FELA (Federal Employers Liability Act)
- Emergency Medical Services and pre-hospital care

Employment

Safety Priority Consultants, LLC

Founder & President, Principal Consultant and Trainer, 2000-present.

- Safety consultant and trainer, OSHA compliance and safety management systems.
  - General Industry – manufacturing, business, & industry
  - Construction – commercial, residential
  - Utilities – electric, hydroelectric, water, wastewater, trash to energy
  - Emergency Services – EMS, fire/rescue, law enforcement
- More than 950 safety clients in over 30 states and internationally since 2000.
- 2022 Construction Safety Professional of the Year, Associated Gen. Contractors of CT.
- Conduct Job Hazard Analyses/Activity Hazard Analyses (JSA/AHA) to determine potential workplace hazards and preventive/corrective measures.
- Inspect and evaluate workplace environments, equipment, machinery, processes, and safety equipment to identify and correct potential hazards, and to determine compliance or conformance with safety and health standards.
- Investigate occupational incidents, injuries, and illnesses to determine root causes, contributing factors, and preventive measures. Teach effective incident analysis and investigation. Report and review findings from incident analyses and investigations, facility and construction site inspections, industrial hygiene assessments.
- Instructor for OSHA Training Institute Region 1 (Boston Region) Education Center and Adjunct Faculty at Keene State College, 2002-present. Teach OSHA standards courses, topics courses, and train-the-trainer courses for safety professionals and federal & state OSHA officials.
- Adjunct Faculty at Fitchburg State University, 2017-present. Teach OSHA standards courses for safety professionals and vocational teachers.
- Instructor for Associated General Contractors of America: OSHA Susan Harwood Grant safety training courses on fall prevention and fall protection.
- Master Instructor, American Traffic Safety Services Association (ATSSA).
- Develop and deliver safety and health training programs for workers and management.
- Write detailed safety and regulatory compliance reports, site-specific safety & health plans, compliance documents, and corrective action plans to manage risk and improve safety and health management systems, behavior, and performance.
- Consultant, litigation consultant and expert witness in fatality, catastrophic injury, personal injury, and safety cases. Plaintiff and defense matters, state and federal court.
- Assist clients during and following OSHA inspections, informal conferences, and citation settlements. Consultant to counsel in OSHA contests and related litigation.
- Author professional articles, guidebooks and training guides, manuals, and webinars.
- Design and present training sessions at international, national, regional, state, and local safety and health conferences, symposia and meetings.

University System of New Hampshire.
Adjunct Faculty and Lecturer, Keene State College. 2002-present.

Holdsworth & Associates, Inc.
Vice President & Chief Operating Officer, 1993-2000.
Director of Training & Development, 1991-1993.

- Developed and provided OSHA compliance and risk management consulting, and safety and health training services, to client organizations.
- Developed and delivered certification and recertification training courses for Emergency Medical Technicians (EMTs) and Medical Response Technicians (MRTs).
- Training and consulting for emergency service management, supervisory skills, quality improvement, organizational development, effective service operations, personnel recruitment and retention, pre-hospital clinical medical skills, incident command.
- Assessed Emergency Medical Services (EMS) and 9-1-1 systems & operations, wrote reports to client management and recommendations for system improvements.
- Wrote professional articles, training guides, policies & procedures, training & development curricula.
- Presented training seminars in multiple states and in Canada at client locations and conferences, including plenary sessions and keynotes.

Powerphone, Inc.
Director of Research & Development, 1990-1991.
Manager of Information Services, 1989-1990.

- Instructional designer for training seminars & course materials presented nation-wide to 9-1-1 & Public Safety Answering Point (PSAP) telecommunicators.
- Project manager and editor, Dispatcher's Medical Desk Reference Manual, 2nd edition; and Dispatcher's Guide to Fires/Incidents in Progress.

Consultants & Designers, Inc.
Account Executive, 1988-1989. Technical personnel placement.

Education

M.A., 1988. Communication Sciences (Human Communication).
The University of Connecticut.
B.S., 1985. Human Development & Family Relations. Courses included biology, chemistry, organic chemistry, physics, anatomy & physiology.
The University of Connecticut.

Elected Office

Commissioner, Cromwell Fire District. Cromwell, CT. 10/2021-10/2024. Chair, Health & Safety and Facilities Committee, 2024.

Certifications, Certificates, Licenses

1. Board of Certified Safety Professionals.
   - 1.1. **OHST - Certified Occupational Hygiene & Safety Technician**, #3395. Exp. 6/30/2027. 2018 and prior, Occupational Health & Safety Technologist.
   - 1.2. **CIT – Certified Instructional Trainer,** #11471**.** Exp. 6/30/2027. CIT replaced Certified Environmental, Safety & Health Trainer (CET) on 9/30/2019. In 2013, CET replaced Cert. Instructional Technologist (CIT), #11471, issued 8/28/2011.
2. OSHA Training Institute Region 1 (Boston Region) Education Center.
   - 2.1. **CSHO - Certified Safety & Health Official: Construction.** 11/8/2013.
   - 2.2. **CSHO - Certified Safety & Health Official: Gen. Industry.** 11/8/2013.
   - 2.3. **Authorized OSHA Outreach Trainer - General Industry**, #331. Since 1997. Exp. 10/31/2029.
   - 2.4. **Authorized OSHA Outreach Trainer - Construction**, #331. Since 2010. Exp. 10/18/2027.
   - 2.5. **OSHA Safety & Health Fundamentals for General Industry Certificate.** 12/1/2017.
   - 2.6. **OSHA Safety & Health Fundamentals for Construction Certificate.** 12/1/2017.
   - 2.7. **EM-385-1-1 40-hour** US Army Corps of Engineers/DOD safety standards. 9/25/2015.
   - 2.8. **OSHA 7845 Recordkeeping.** 1 day. 12/9/2010.
   - 2.9. **OSHA 7505 Incident Investigation.** 1 day. 4/6/2017.
   - 2.10. **OSHA 7500 Safety & Health Management Systems.** 1 day. 11/20/2017.
   - 2.11. **OSHA 7405 Fall Hazard Awareness.** 1 day. 9/27/2013.
   - 2.12. **OSHA 7215 Silica.** 1 day. 8/12/2019.
   - 2.13. **OSHA 7210 Pandemic Illness Preparedness.** 1 day. 12/15/2020.
   - 2.14. **OSHA 7120 Intro to Combustible Dust Hazards.** 3 days. 11/22/2011.
   - 2.15. **OSHA 7005 Public Warehousing & Storage.** 1 day. 9/30/2010.
   - 2.16. **OSHA 3115 Fall Arrest Systems.** 3 days. 6/8/2016.
   - 2.17. **OSHA 3110 Fall Arrest Systems.** 3 days. 10/15/2010.
   - 2.18. **OSHA 3095 Electrical Standards.** 4 days. 11/8/2013.
   - 2.19. **OSHA 3085 Principles of Scaffolding.** 3 days. 7/27/2017.
   - 2.20. **OSHA 3010 Excavation, Trenching & Soil Mechanics.** 3 days. 2/28/2013.
   - 2.21. **OSHA 2264 Permit Required Confined Spaces.** 3 days. 11/10/2010.
   - 2.22. **OSHA 2250 Principles of Ergonomics.** 3 days. 1/17/2013.
   - 2.23. **OSHA 2225 Respiratory Protection.** 4 days. 1/14/2021.
   - 2.24. **OSHA 2055 Cranes in Construction.** 3 days. 6/12/2019.
   - 2.25. **OSHA 2045 Machine Guarding.** 4 days. 2/1/2013.
   - 2.26. **OSHA 521 Industrial Hygiene.** 4 days. 12/15/2011.
   - 2.27. **OSHA 511 General Industry Standards.** 4 days. 3/12/2010.

2.28. **OSHA 510 Construction Standards.** 4 days 12/11/2009.
2.29. **OSHA 503 Update for General Industry Outreach Trainers.** 2.5 days. Most recent 10/29-31/2025. Valid through 10/31/2029.
2.30. **OSHA 502 Update for Construction Outreach Trainers.** 2.5 days. Most recent 10/16-18/2023. Valid through 10/18/2027.
2.31. **OSHA 501 Trainer Course in OSH Standards for General Industry.** 4 days. 9/9-12/1997.
2.32. **OSHA 500 Trainer Course in OSH Standards for Construction.** 4 days. 3/18-22/2012.
2.33. **NCSH 424 Hands-on Fall Protection.** 1 day. 6/9/2016.
2.34. **NCSH 470 Electrical Safe Work Practices & Update to NFPA 70E.** 1 day 8/9/2017.
2.35. **NCSH 474 Medium Voltage Electrical Safety for Qualified Workers.** 1 day. 8/10/2017.
2.36. **NCSH 482 Heat Stress And Strain In The Work Environment.** 1 day. 12/22/2022.
2.37. **Foundations for Safety Leadership Train the Trainer.** 1/16/2017.
2.38. **Citizens Response to a Violent Intruder - ALICE (Alert Lockdown Inform Counter Evacuate).** 6/13/2016.
2.39. **OSHA 30-hour Outreach Course for Construction.** 4 days. 10/17/2005.
2.40. **OSHA 10-hour Outreach Course for General Industry.** 2 days. 1997.

3. American Society of Safety Professionals (ASSP).
3.1. **Certificate in Managed Fall Protection.** 35 hours. 2/21/2020.
3.2. **Certificate in Risk Assessment.** 31 hours. 2/21/2020.
3.3. **Certificate in Global Safety Management.** 28 hours. 2/9/2021.
3.4. **Managing Safety & Health.** 2/9/2021.
3.5. **Managed Fall Protection Course.** 2/16-19/2020.
3.6. **Effective Fall Protection Programs.** 2/15-16/2020.
3.7. **Bowtie Risk Assessment.** 2/6/2019.
3.8. **Risk Based Incident Analysis.** 2/1/2019.
3.9. **Risk Assessment Course.** 1/29-31/2019.
3.10. **Manage Risk, Not Safety.** 1/26/2019.
3.11. **International Standards and Legal Requirements.** 6/26/2019.
3.12. **Implementing a Safety & Health Management System.** 6/25/2016.
3.13. **Construction Safety Symposium.** 11/12-13/2015.
3.14. **Fatality & Severe Loss Prevention Symposium.** 11/21-22/2013.
3.15. **ANSI/ASSE A10.32-2013 Personal Fall Protection.** 12/18/2012.
3.16. **ANSI/AIHA/ASSE Z10-2012 Standard for OH&SM Systems.** 11/20/2012.
3.17. **Using Risk Principles for Safety & Health Decisions.** 3/23-24/2005.
3.18. **The Business of Safety Symposium.** 4/3/2002.

4. Utility Safety & Ops Leadership Network (USOLN): **CUSP - Certified Utility Safety Professional**, #05004 Green, with 2 endorsements: electric transmission & distribution, and civil. 3/19/2015-3/31/2027.
5. National Floor Safety Institute (NFSI): **WACH - Walkway Auditor Certificate Holder**, #00049**.** Tribometry and NFSI B101.0 Walkway Surface Auditing Procedure for the Measurement of Walkway Slip Resistance. Valid 5/21/2015 - 5/30/2029. Supersedes Certified Walkway Auditor Safety Specialist (2/2012-2/2015).
6. National Institute of Forensic Studies: **CFSE - Certified Forensic Slip Expert.** 2/8/2024.
7. National Association of Safety Professionals (NASP).
   - 7.1. **WWS – Walking-Working Surfaces and Fall Protection Specialist.** 11/9/2023-11/9/2026.
   - 7.2. **FSS – Certified Forklift Safety Specialist.** 8/22/17-8/22/20, renewed 11/9/2020-11/9/2026. FSS replaced FST – Forklift Safety Technician (1/2011-3/2017).
   - 7.3. **MGS – Certified Machine Guarding Specialist**. 8/29/2013-8/29/2016, renewed 12/9/2016-12/9/2019, 11/10/2020-11/10/2026. MGS replaced MG Technician.
   - 7.4. **SIT – Safety Inspections Technician: Construction.** 3/16/2014-3/16/2017.
   - 7.5. **EST – Electrical Safety Technician: Construction.** 3/16/2014-3/16/2017.
8. National Fire Protection Association (NFPA).
   - 8.1. **NFPA 101: Life Safety Code.** 3 days. 11/18-20/2019. Also 3/26-28/2001.
   - 8.2. **Fire & Life Safety Seminar.** NFPA 101 & 80: Fire/Smoke Damper & Fire Door Inspections, NFPA 13: General Requirements for Storage, NFPA 25: Inspection, Testing, and Maintenance of Water Based Fire Protection Systems. 9/9/2016.
   - 8.3. **NFPA 1600: The American National Standard on Disaster/Emergency Management & Business Continuity Programs.** 2 days. 11/12-13/2004.
   - 8.4. **Hospital Emergency Incident Command System (HEICS).** NFPA and Emergency Response Educators and Consultants, Inc. 11/14/2004.
   - 8.5. **Warehouse Fire Safety Series Certificate.** 11/17/2010.
9. International Powered Access Federation (IPAF): **PAL Card Holder (Powered Access License), IPAF Aerial Work Platform Operator.** #AOP/0021947. Types 3a (mobile vertical) and 3b (mobile boom). Valid 9/20/2016-11/30/2026.
10. United Academy: **IPAF Boom and Scissor Lift Operator Certification – Blended.** 9/20/2016.
11. Genie.
    - 11.1. **Genie Aerial Work Platform/Mobile Elevating Work Platform (AWP/MEWP) Train the Trainer.** 12/4/2018, 11/10/2020.
    - 11.2. **Genie MEWP Supervisor Training.** 11/13/2020.
    - 11.3. **Genie Telehandler Rough Terrain Forklift Train the Trainer.** 2/2/2022-2/1/2025. Prev. 12/5/2018-12/4/2021.
    - 11.4. **Genie Aerial Work Platform Trainer.** 10/15/2009.
12. Ives Training Group.

12.1. **Certified Mobile Equipment Operator Trainer** #17108 valid 1/17/2014-1/26/2029 for Standard (Counterbalanced) Forklifts, Rough Terrain Forklifts (vertical mast and variable reach/telehandler), Mobile Elevating Work Platforms (Aerial Boom Lift 3b, Scissor Lift 3a).

12.2. **Certified Mobile Equipment Operator Trainer** #17108 valid 3/10/2017-1/26/2029 for Front-end Loaders, Backhoe Loaders, Skid-Steer Loaders.

13. Scaffold Training Institute: **Certified Scaffold Erector/Inspector/Competent Person Trainer.** Frame, tube & coupler, system, mobile, suspended, powered single point and two point suspended scaffolds. Certificate #46696, 2026-2031; #39566, 2021-2026; #32876, 2016-2021; #24519, 2011-2016.
14. Scaffold Access & Industry Association.
    14.1. **Competent Person Training: Systems Scaffold.** #44468. Memphis, TN. Valid 5/2/2022-5/1/2025.
    14.2. **Train the Trainer Facilitator Skills Workshop.** #44455. Memphis, TN. 4/1/2022.
15. American Ladder Institute.
    15.1. **Stepladder Safety.** 3/18/2011, 7/24/2026.
    15.2. **Single and Extension Ladder Safety.** 3/18/2011, 7/24/2026.
    15.3. **Articulated Ladder Safety**. 3/18/2011, 7/24/2026.
    15.4. **Mobile Ladder Safety**. 7/24/2026.
16. National Safety Council.
    16.1. **Principles of Occupational Safety & Health.** 5 days. 8/24-28/1998.
    16.2. **Certified Flagger Instructor** and **Temporary Traffic Control Instructor**, #976255**.** Exp. 9/30/2027.
    16.3. **Certified Temporary Traffic Control Zones Supervisor**, #6667. Exp. 6/17/2031.
    16.4. **Certified Emergency Care Instructor and Instructor-Trainer, CPR & AED and First Aid.** Instructor #566575. Exp. 6/30/2028.
    16.5. **Certified Instructor for Safety Management Systems: Strategies for Small Business.** 9/18/2009.
    16.6. **Incident Investigation.** 10/2000.
17. OSHAcademy: **Safety Management System Evaluation.** 9/13/2014.
18. American Traffic Safety Services Association (ATSSA).
    18.1. **Master Instructor Train the Trainer.** 12/4-5/2023.
    18.2. **Certified Temporary Traffic Control Plans Specialist**, #202065. 7/24/2026-7/23/2030.
    18.3. **Certified Traffic Control Design Specialist,** #202065. 11/9/2023-11/8/2027.
    18.4. **Certified Flagger Instructor**, #202065. 6/3/2014, exp. 2/25/2030.
    18.5. **Certified Traffic Control Technician**, #202065. 12/13/2021-12/12/2029. First trained and passed examination in 2013.
    18.6. **Certified Traffic Control Supervisor**, #202065. 7/3/2024-7/2/2028. First trained and passed examination in 2013.

19. US DOT/FHA & Emergency Responder Safety Institute.
    - 19.1. **National TIM Training Certificate: Traffic Incident Management & Responder Safety.** 10 hours. 3/30/2020.
    - 19.2. **Understanding NFPA 1091.** 11/12/2020.
    - 19.3. **Fire Department-Based Vehicles for Traffic Control**. 11/12/2020.
    - 19.4. **Advance Warning.** 3/29/2020.
    - 19.5. **Blocking Procedures at Roadway Incidents.** 3/29/2020.
    - 19.6. **See and Be Seen: Emergency Lighting Awareness.** 3/30/2020.
    - 19.7. **High Visibility Innovations.** 3/30/2020.
    - 19.8. **Traffic Incident Management: Incident Command & Management.** 3/30/2020.
    - 19.9. **Move It or Work It.** 3/30/2020.
    - 19.10. **Special Hazards.** 3/30/2020.
    - 19.11. **Special Circumstances: Safe Operations for Vehicle Fires.** 3/30/2020.
    - 19.12. **Manual on Uniform Traffic Control Devices (MUTCD).** 3/30/2020.
    - 19.13. **Termination.** 3/30/2020.
20. Connecticut Fire Academy.
    - 20.1. **Certified Health & Safety Officer.** 3 days. 2/25/2021.
    - 20.2. **Traffic Control for Emergency Responders.** 1 day. 3/10/2007.
    - 20.3. **HazMat PPE Level B & C Train the Trainer.** 9/29/2009.
    - 20.4. **Incident Command Systems.** 1994.
21. National Fire Academy/FEMA.
    - 21.1. **Incident Command System for Emergency Medical Services.** 3/23-24/1996.
    - 21.2. **You are the Help Until Help Arrives.** 11/20/2020.
    - 21.3. **Health and Safety Program Manager.** 6/12-13/2021.
22. Federal Emergency Management Agency (FEMA): **NIMS-ICS100.** 7/6/2006.
23. National Commission for the Certification of Crane Operators (NCCCO).
    - 23.1. Passed written Core Examination for certification as **Mobile Crane Operator.** 11/9/2012.
    - 23.2. Passed written Specialty Examinations for certification on Telescopic Boom Cranes—Fixed Cab, Telescopic Boom Cranes—Swing Cab, Lattice Boom Crawler Cranes, Lattice Boom Truck Cranes. 11/9/2012.
24. Construction Safety Council.
    - 24.1. **Managing Mobile Crane Hazard Awareness.** 9/5/2002.
    - 24.2. **Managing Mobile Crane Hazard Awareness: Train the Trainer.** 9/4/2002.
25. SafeStart: **Certified SafeStart Trainer** - safety and human error reduction. #423271-101075 (v2); #405281-103077 (v3); #SAYYDGSD (2020) exp. 11/6/2025.
26. National Association of State Fire Marshals.
    - 26.1. **Trained Crowd Manager.** #DohibbRKZx. 11/19/2020-11/19/2022.
    - 26.2. **Trained Crowd Manager**. #412518452662037. 12/8/2012-12/8/2015.
27. State of Connecticut, Dept. of Public Health, Office of Emergency Medical Services.

27.1. **Certified EMT** (Emergency Medical Technician), #80-1041, 1980-present. Exp. 3/31/2027.
27.2. Formerly **Certified MRT** (Medical Response Technician). 1980.
27.3. Formerly certified **EMT-Intermediate**, #88-152. 1988-1998.
27.4. Formerly certified **EMS-Instructor**, #00705. 1990-1996.
27.5. Certified in **Triage & Mass Casualty Scene Management.** 10/24/1992.

28. National Association of EMTs: **Pre-Hospital Trauma Life Support** (PHTLS). 1991.
29. MedEd: **Designated Infection Control Officer.** 12/11/2020.
30. American Red Cross.
    30.1. Formerly certified in **Advanced First Aid & Emergency Care**, 1980.
    30.2. First certified in **CPR and Basic First Aid,** 1974.
31. National Academy of Emergency Medical Dispatch.
    31.1. **Certified Emergency Medical Dispatcher**, #942209. 7/9/1999.
    31.2. **Emergency Medical Dispatch Quality Improvement (EMD-Q).** 1998.
32. University of Minnesota School of Public Health: **Mass Fatalities.** 1/27/2013.
33. TapRoot: **TapRooT® Incident Investigation & Root Cause Analysis.** 9/25-26/2013.
34. ThinkReliability: **Cause Mapping for Facilitators + Documentation.** 1/30/2020.
35. Strategic World Impact: **Disaster Assistance Response Training.** 6/18-23/2006.
36. 3M.
    36.1. **Fall Protection Equipment Inspector.** 10/16/2018.
    36.2. **Fall Protection Authorized Person.** 10/16/2018.
37. Yale New Haven Center for Emergency Preparedness & Disaster Response.
    37.1. **EM122 N95 Respirator Fit Testing.** 10/15/2010.
    37.2. **EM106 Emergency Preparedness for Health Care.** 10/15/2010.
    37.3. **EM108 Emergency Preparedness for Healthcare with NIMS.** 9/25/2009.
    37.4. **EM141 Role of Medical/Technical Specialists During an Incident.** 9/25/2009.
    37.5. **EM102 Intro for Hospital Disaster Volunteers.** 7/6/2006.
38. The Crosby Group.
    38.1. **Rigging Risk Management & Equipment Inspection.** 4 hours. 10/31/2013.
    38.2. **Fundamentals of Rigging.** 4 hours. 2/3/2026.
39. Take the Door Training: **Machinery Rescue Operations.** 8 hours. 4/7/2018.
40. Rockford Systems: **Machine Safeguarding.** 3 days. 10/17-19/2017.
41. Attack Countermeasures Training: **Violence Prevention & Active Shooter Survival.** #100458-79. 12/31/2012.
42. Large Caliber Solutions: **Countering the Mass Shooter Threat.** USCCA. 3/16/2024.
43. National Asphalt Pavement Association: **Internal Traffic Control for Supervisors**. 4 modules: Internal Traffic Control Fundamentals, Internal Traffic Control for Laborers, Internal Traffic Control for Drivers, and Internal Traffic Control for Operators. 1/22/2024.
44. Connecticut Safety & Security Training. Connecticut Security Officer course. 12/28/2024.
45. LJB Security Training and Consulting. Connecticut Security Officer course. 1/13/2025.

46. State of Connecticut, Dept. of Emergency Services and Public Protection, Div. of State Police. **Licensed Connecticut Security Officer**. #82954, 2/27/2025 - 2/26/2030.
47. Personal Protection Consultants, Inc. Oleoresin Capsicum Aerosol Training (OCAT), #240062. 5/9/2025. Exp. 5/9/2028.
48. CMC. Confined Space Rescue Technician. 40 hours. 8/4-8/2025.

National & International Consensus Standards Participation

1. **NFPA 1250**: Recommended Practice in Emergency Service Organization Risk Management. Principal Committee Member, National Fire Protection Assn. Technical Committee on Emergency Service Organization Risk Management. 2002-2005.
2. **ANSI/ASSP Z590.1**: Establishing Levels of Competence in the Safety Profession. Member, Standards Project for American National Standards Institute/American Society of Safety Professionals. 2011-present.
3. **ISO/IEC Guide 51**: Safety Aspects – Guideline for their Inclusion in Standards. Member, American National Standards Group (ANSI) U.S. Virtual Technical Advisory Group (VTAG) to ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission). 2012-2014.
4. **ANSI/ASSP Z490.1**: Criteria for Accepted Practices in Safety, Health, and Environmental Training. Committee Member, Standards Project for American National Standards Institute/American Society of Safety Professionals. 2013-present.
5. **ANSI/ISEA 107**: American National Standard for High Visibility Safety Apparel and Accessories. Committee Member for American National Standards Institute/ International Safety Equipment Association 107-2015.
6. **ANSI/ASSP Z490.3**: Technical Report for Quality Training on Requirements for Entering Confined Spaces. Subcommittee Member, American National Standards Institute/ American Society of Safety Professionals. 2017-2018.
7. **ANSI/ASSP Z10**: Occupational Health and Safety Management Systems. Voting member, appointed representative of the American Industrial Hygiene Association, 2022-2025. Co-chair, Hierarchy of Controls subcommittee, 2023-present.
8. **NFSI B101 Safety Requirements for Slip, Trip and Fall Prevention**. Main Standards Committee Member, National Floor Safety Institute. 2017-present.
    - 8.1. **NFSI B101.9**: Standard Guide for Identification and Elimination of Interior and Exterior Pedestrian Trip Hazards on Walking Surfaces, Stairs, Steps and Ramps. Subcommittee Member, 2017-present.
    - 8.2. **NFSI B101.4**: Test Method for Measuring the "Wet Barefoot" Condition of Surfaces (Including Action and Limit Thresholds for the Suitable Assessment of the Measured Values). Subcommittee Member, 2019-present.
    - 8.3. **NFSI B101.0**: Walkway Auditing Procedure for the Measurement of Walkway Slip Resistance. Subcommittee member, 2019-present.

8.4. **NFSI B101.12**: Standard Guide for the Application, Selection, and Use of Pedestrian Warnings as Related to the Prevention of Slips, Trips and Falls. Subcommittee chair, 2020-present.
8.5. **NFSI B101.14**: Forensic Standard for Slip and Fall Analysis using Tribometers. Subcommittee member, 2020-present.
8.6. **NFSI B101.15**: Standard Terminology Relating to Safety Requirements for Slip, Trip and Fall Prevention. Subcommittee chair, 2021-present.

9. **ASTM Committee F13 on Pedestrian/Walkway Safety and Footwear**. 2019-present.
9.1. Voting member, **F13.50 Walkway Surfaces** subcommittee with responsibility for
9.1.1. F1637 Standard Practice for Safe Walking Surfaces.
9.1.2. F1694 Standard Guide for Composing Walkway Surface Investigation, Evaluation and Incident Report Forms for Slips, Stumbles, Trips, and Falls.
9.1.3. F2948 Standard Guide to Walkway Auditor Qualifications.
9.1.4. F2965 Standard Guide for Selection of Walkway Surfaces and Treatments When Considering Aggressive Contaminant Conditions in Commercial and Industrial Environments (Not Including Construction).
9.1.5. F2966 Standard Guide for Snow and Ice Control for Walkway Surfaces.
9.1.6. F3132 Standard Practice for Selection of Walkway Surfaces When Considering Pedestrian Safety.
9.2. Voting member, **F13.10 Traction** subcommittee with responsibility for
9.2.1. F2048 Standard Practice for Reporting Slip Resistance Test Results.
9.2.2. F2508-16e1 Standard Practice for Validation, Calibration, and Certification of Walkway Tribometers Using Reference Surfaces.
9.2.3. F3539 Standard Practice for Creation of Walkway Tribometer Interlaboratory Study Reports and Test Procedures.
9.3. Voting member, **F13.30 Footwear** subcommittee with responsibility for
9.3.1. F2232 Standard Test Method for Determining the Longitudinal Load Required to Detach High Heels from Footwear.
9.3.2. F2412 Standard Test Methods for Foot Protection.
9.3.3. F2413 Standard Specification for Performance Requirements for Protective (Safety) Toe Cap Footwear.
9.3.4. F2892 Standard Specification for Performance Requirements for Soft Toe Protective Footwear (Non-Safety / Non-Protective Toe).
9.3.5. F2913 Standard Test Method for Measuring the Coefficient of Friction for Evaluation of Slip Performance of Footwear and Test Surfaces/ Flooring Using a Whole Shoe Tester.
9.3.6. F3445 Standard Specification for Performance Requirements when Evaluating Slip Resistance of Protective (Safety) Footwear using ASTM F2913 Whole Shoe Test Method.

10. **ASTM Subcommittee D12.16 on Hard Surface Cleaning**. Member, 2020-present.

11. **ASTM Committee E30 on Forensic Sciences**. 2020-present.
    11.1. Voting member, **E30.11 Interdisciplinary Forensic Science Standards** subcommittee with responsibility for these relevant active standards, and others:
        11.1.1. E620 Standard Practice for Reporting Opinions of Scientific or Technical Experts.
        11.1.2. E678 Standard Practice for Evaluation of Scientific or Technical Data.
        11.1.3. E860-07(2013)e2 Standard Practice for Examining and Preparing Items That Are or May Become Involved in Criminal or Civil Litigation.
        11.1.4. E1020-13e1 Standard Practice for Reporting Incidents that May Involve Criminal or Civil Litigation.
        11.1.5. E1188 Standard Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator.
        11.1.6. E1459 Standard Guide for Physical Evidence Labeling and Related Documentation

Other National and State Safety Committees

1. **CDC/NORA** Centers for Disease Control, National Occupational Research Agenda. (paused 4/2025-2/2026 due to restructuring)
    1.1. Construction Sector Council Workgroups. 2020-present: COVID-19, Preventing Falls, Preventing Struck-by Injuries/Fatalities.
    1.2. Public Safety Sector Council Workgroups. 2020-present: Emergency Medical Services, Fire Service.
2. **CEMSAB** Connecticut Emergency Medical Services Advisory Board.
    2.1. Health and Wellness Committee, 2020-present.
    2.2. EMS Provider Safety subcommittee chair, 2021-present.
3. **CRCOG/TIM** Capitol Region Council of Governments.
    3.1. Greater Hartford Traffic Incident Management Coalition, 2023-present.
4. **Connecticut Commission on Fire Prevention and Control.**
    4.1. Appointed to Standards and Certification subcommittee, 1/30/2026 – 1/31/2028.

Courses Presented as Instructor, OSHA Training Institute Region 1 (Boston Region) Education Center

	Course Title	Course #	Length
1.	OSHA Outreach Trainer Course in Occupational Safety & Health Standards for the Construction Industry.	500	4 days
2.	OSHA Outreach Trainer Course in Occupational Safety & Health Standards for General Industry.	501	4 days
3.	OSHA Outreach Trainer Update Course - Construction Industry.	502	2.5 days
4.	OSHA Outreach Trainer Update Course - General Industry.	503	2.5 days
5.	Occupational Safety & Health Standards for Construction (1926).	510	4 days
6.	Occupational Safety & Health Standards for General Industry (1910).	511	4 days
7.	Machinery & Machine Guarding Standards.	2045	4 days
8.	Principles of Scaffolding. (Lead Instructor)	3085	3 days
9.	Fall Protection. (Lead Instructor)	3115	3 days
10.	Public Warehousing & Storage. (Forklifts, ergonomics, hazcom, falls, docks, material handling, warehouse racks & storage)	7005	1 day
11.	Evacuation and Emergency Planning.	7105	1 day
12.	Lockout/Tagout: Controlling Hazardous Energy.	7115	1 day
13.	Bloodborne Pathogens.	7200	1 day
14.	Health Hazard Awareness.	7205	1 day
15.	OSHA's Permit Required Confined Space Standards.	7300	1 day
16.	Fall Hazard Awareness.	7405	1 day
17.	Managing Excavation Hazards.	7410	1 day
18.	Safety & Health Management Systems.	7500	1 day
19.	Introduction to Incident (Accident) Investigation.	7505	1 day
20.	Recordkeeping Rule – Part 1904.	7845	1 day
21.	Scaffold Hazard Awareness.	406	1 day
22.	Hands-on Fall Protection.	424	1 day
23.	Work Zone Safety.	461	1 day
24.	OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.	290	3 hours

Courses Presented, University & College Adjunct Faculty/Lecturer

Fitchburg State University. Fitchburg, MA. 2017-present.

- 2017, 2018, 2019, 2020: OCED 2003E and OCED 6008E - OSHA 511 Occupational Safety & Health Standards for General Industry.
- 2024: OCED 2511C and OCED 7030C – OSHA 510 Occupational Safety & Health Standards for the Construction Industry.

Keene State College, Keene, NH. 2002-present.

- Courses listed for OSHA Training Institute Region 1 (Boston Region) Ed. Center.
- Guest lecturer, *OSHA vs. Leading Practices in Construction Safety,* SAFE308, Construction Safety Practices. Safety and Occupational Health Applied Sciences. 2020, 2021, 2022, 2024.

Teikyo Post University, Waterbury, CT.

- 2000, 2002: ENV 315 General Industry Occupational Safety & Health.
- 2002, 2003: ENG 207 Public Speaking.

The University of Connecticut, West Hartford, CT.

- 1989: Advanced Public Speaking; Mass Media; Small Group Communication.

Expert Webinars Designed and Presented

1. *Top 10 OSHA Violations.* Panelist with Richard Fairfax, USDOL OSHA. Business & Legal Reports. Feb. 26, 2004.
2. *OSHA Recordkeeping.* Business & Legal Reports. Mar. 15, 2006.
3. *Roles & Responsibilities of Supervisors in Safety.* Business & Legal Reports. April 19, 2006.
4. *Building Better Safety Committees.* B21. April 12, 2007.
5. *More Safety with Fewer Dollars: How to Do 100% of Your Job with Less Time, Money, and Staff.* B21. July 24, 2007.
6. *OSHA Site-Specific Targeting.* Conn. Business & Industry Association. Sept. 19, 2007.
7. *Preventing Injuries in the Workplace.* Business & Legal Reports. March 4, 2008.
8. *First Aid Teams: Recordkeeping, Confidentiality & Liability.* Conn. Business & Industry Association. Sept. 18, 2008.
9. *Bloodborne Pathogens & Communicable Disease in the Workplace.* Conn. Business & Industry Association. Oct. 22, 2008.
10. *Respiratory Protection: Be in Compliance from Hazard Assessment through Selection & Use of Respirators.* (Federal OSHA standards). Business & Legal Reports. Dec. 4, 2009.
11. *Respiratory Protection: How to Avoid Costly – and Preventable – Per Employee Citations.* Business & Legal Reports. (California OSHA standards). Dec. 18, 2009.
12. *OSHA Recordkeeping: Recordables, Reportables, & Site-Specific Targeting.* Business & Legal Reports, Oct. 26, 2010.
13. *Slips, Trips & Falls: What You Don't Know Can Hurt You, And Your Staff and Customers.* Briefings Media Group. March 2, 2011.

14. *Respiratory Protection: Be in Compliance from Hazard Assessment through Selection & Use of Respirators.* (Federal OSHA standards). Business & Legal Reports. July 6, 2011.
15. *Safety Committees: How To Keep Your Safety Committee Effective and Relevant for the Long Haul.* Business & Legal Reports. Sept. 23, 2011.
16. *Machine Guarding: How to Assess and Reduce the Hazards at Your Facility.* Business & Legal Reports. Feb. 16, 2012.
17. *Personal Protective Equipment Requirements: Protecting Employees and Staying Compliant.* Business & Legal Reports. Aug. 22, 2012.
18. *Voluntary Respirator Use: How to Keep Programs and Policies in Compliance*. Business & Legal Reports. Sept. 24, 2012.
19. *Forklift, Articulating Boom, and Scissor Lift Safety Programs: How to Implement and Maintain Best Practices.* Business & Legal Reports. Dec. 19, 2012.
20. *Machine Guarding: How to Assess and Reduce the Hazards at Your Facility.* Business & Legal Reports. April 9, 2013.
21. *Reducing Slip, Trip and Fall Incidents: Best Practices for Investigating, Documenting and Implementing Corrective Actions.* Business & Legal Reports. Aug. 7, 2013.
22. *Advances in Fall Protection: Guidance & Regulation for General Industry – ANSI Z359, Proposed OSHA Subpart D & I, and More.* Business & Legal Reports. Feb. 13, 2014.
23. *Forklift Safety: Making Sure Drivers Operate Safely and Are Only Focused on Driving.* Business & Legal Reports. June 6, 2014.
24. *Forklift Safety: Making Sure Drivers Operate Safely and Are Only Focused on Driving.* Business & Legal Reports. March 12, 2015.
25. *Slips, Trips, and Falls: 10 Steps to Successful Incident Investigations and Corrective Actions.* Business & Legal Reports. Feb. 24, 2016.
26. *Fall Protection: Best Practices for Complying with OSHA's Newly Released Final Rule Following ANSI Z359.* Business & Legal Reports. Feb. 15, 2017.
27. *Avoiding Forklift Hazards: How to Minimize Accident Risks Through Comprehensive Training and Employee Accountability.* Business & Legal Reports. June 29, 2017.
28. *Avoiding Forklift Hazards: How to Minimize Accident Risks Through Comprehensive Training and Employee Accountability.* Business & Legal Reports. Mar. 26, 2019.
29. *Avoiding Forklift Hazards: How to Minimize Operator and Pedestrian Injuries Through OSHA-Compliant Training & Employee Accountability.* Business & Legal Reports. Nov. 26, 2019.
30. *Measure Safety Training Effectiveness: Complying with Federal OSHA "Verify Competent Performance" Requirements for General Industry and Construction.* Business & Legal Reports. Dec. 12, 2019.
31. *Investigating and Documenting Slip, Trip & Fall Incidents: Reducing the Causes and Cost.* People's United Insurance Agency. Sept. 3, 2020.
32. *Does Your Safety Committee Need CPR?* Egypt Chapter, American Society of Safety Engineers. March 13, 2021.

33. *OSHA Regulations and Your FELA Practice 2021.* Continuing Legal Education session for The Academy of Rail Labor Attorneys. April 23, 2021.
34. *Do You Have Employees, Temps, or Contractors? Are You Ready if OSHA Comes Knocking?* HR Roundtable, Carmody Torrance Sandak & Hennessey LLP. Aug. 23, 2022.
35. *OSHA Compliance and Recordkeeping Virtual Master Class.* Business & Legal Reports (BLR), division of Simplify Compliance, LLC. March 29-30, 2023.
36. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* OSHA Training Institute Region 1 Education Center. With Ken Willette and George Simmons. Jan. 31, 2024.
37. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Joint Council of Connecticut Fire Service Organizations. Jan. 25, 2024.
38. *How to Avoid and Respond to Work Zone Lawsuits.* Presented for Roads & Bridges, in cooperation with Endeavor Business Media, sponsored by ATSSA. April 11, 2024.
39. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* North American Fire Training Directors. Apr. 23, 2024.
40. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Maine Dept. of Labor SafetyWorks! in partnership with OSHA Training Institute Region 1 Ed. Center. July 9, 2024.
41. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Vermont Fire Academy in partnership with OSHA Training Institute Region 1 Ed. Center. July 17, 2024.
42. *Work Zone Training for All Stakeholders and the Risk of Non-Compliance.* International Road Federation Global Task Force on Safer Work Zone Practices. Session 1 of 8, Work Zone Safety webinar series. Participants from 66 countries. Sept. 18, 2024.
43. *Hierarchy of Hazard Controls.* CBRE Safety Week. Oct. 1, 2024.
44. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* NASA (National Aeronautics and Space Administration) Environmental Health Group. In tandem with Gerald Piasecki, NASA Occupational, Facilities, and Operations Program Manager, Office of Safety and Mission Assurance. Dec. 5, 2024.
45. *OSHA vs. Leading Practices in General Industry & Construction Safety.* New England OSHA Roundtable. OSHA Training Institute Region 1 (Boston) Education Center. Feb. 12, 2025.
46. *OSHA Compliance for EMS.* Catholic Health Emergency Medical Services Regional First Responder Health, Wellness & Safety Virtual Symposium. April 4, 2025.

Recent Presentations Given at Conferences & Proceedings

1. *Making the Business Case for Safety.* Conn. Business & Industry Assn. Health, Wellness & Safety Conference. Mar. 27, 2008.
2. *Safety on the Job Site.* Asphalt Recycling & Reclaiming Assn. Conference. Indian Wells, CA. Feb. 17-21, 2009.
3. *The Green Economy: Managing Safety.* Conn. Business & Industry Assn. Health, Wellness & Safety Conference. Apr. 8, 2010.

4. *Fall Protection Choices: OSHA 1910 or 1926? ANSI A10 or Z359?* Safety Council of Western New England. Safety & Health Conference, Springfield, MA. Mar. 29, 2011.
5. *The Safety Professional as Expert Witness*. American Society of Safety Engineers. Legal Services branch Virtual Symposium, Law for the Safety Professional. Mar. 30, 2011. With Neil Feldscher, Esq.
6. *Building a Safe and Ethical Workplace*. Opening session. Conn. Business & Industry Assn. 2011 Health, Wellness & Safety Conference. Waterbury, CT. Mar. 31, 2011.
7. *I Have a Subpoena for Your Curriculum.* National Environmental Safety & Health Training Assn. 33rd national conference. Austin, TX. Aug. 29, 2011.
8. *Fall Prevention & Protection Regulations Update*. National Safety Council Congress, session #037. Philadelphia, PA. Oct. 31, 2011.
9. *Principles of Work Zone Safety Supervision*. Metropolitan District Safety Training Center. Oct. 3 and Oct. 28, 2011; Jan. 4, 2012; Dec. 11 and 12, 2012; and others.
10. *I Have a Subpoena for Your Curriculum,* pre-conference session. Also *Left Brain-Right Brain: Implications for Safety Training* conference session. Indiana Safety and Health Conference & Expo, Indianapolis, IN. Mar. 12-13, 2012.
11. *Slips, Trips and Falls: Practical and Tactical Responses to the ANSI B101 Standards.* Conn. Business & Industry Assn. Annual Environmental, Safety & Health Expo. Farmington, CT. May 16, 2012.
12. *Left Brain, Right Brain: Implications for Safety Training.* National Environmental Safety & Health Training Assn. 34th national conference. Anchorage, AK. Sept. 10, 2012.
13. *Investigating and Documenting Slip, Trip & Fall Incidents* and *Comparing Hierarchies of Hazard Control*. Sessions at 2013 Indiana Safety and Health Conference & Expo. Indianapolis, IN. Mar. 12-13, 2013.
14. *The Safety Professional as an Expert Witness*. American Society of Safety Engineers, CT Valley Chapter & Western MA Section meeting. Apr. 10, 2013.
15. *OSHA Standards and FELA: Safe Workplace, Standard of Care, and Whistleblower.* Continuing Legal Education (CLE) session presented at 24th Annual Convention of The Academy of Rail Labor Attorneys. Dana Point, CA. May 9, 2013.
16. *Reducing Slip, Trip and Fall Incidents: Best Practices for Investigating, Documenting and Implementing Corrective Actions.* County Commissioners Association of Pennsylvania Safety Workshop. State College, PA. Oct. 22, 2013.
17. *Preparing for and Responding to Severe Weather Events.* Conn. Construction Industries Assn. Safety Committee. Wethersfield, CT. May 11, 2014.
18. *Persuasion Skills and Communication Techniques for Expert Witnesses.* 23rd Annual National Expert Witness Conference. Orlando, FL. SEAK, Inc. May 3, 2014.
19. *Effective Safety Enforcement and Employee Accountability.* Closing keynote. CT Business & Industry Assn. 2014 Safety & Health Conference. Cromwell, CT. May 22, 2014.
20. *The Supreme Law.* Keynote presentation at annual company meeting, Aquarion Water Company. Bridgeport, CT. Jun. 13, 2014.

21. *Effective Safety Committees.* Apple Rehab annual corporate safety conference. Wethersfield, CT. Oct. 23, 2014.
22. *Effective Safety Training: Follow ANSI Z490.1.* American Society of Safety Engineers Region VIII New England Area Professional Development Conference and Expo. Warwick, RI. Dec. 3, 2014.
23. *How to Start, Build and Run a Successful Expert Witness Practice.* 24th Annual National Expert Witness Conference. SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Washington, DC. Apr. 23-24, 2015.
24. *Building a Super Safety Culture.* Keynote at Apple Rehab annual corporate safety conference. Wethersfield, CT. Oct. 20, 2015.
25. *Documenting and Investigating Slips, Trips and Falls.* Session at ASSE Region 8 Professional Development Conference. Falmouth, MA. Nov. 18, 2015.
26. *Real World Work Zone Safety.* Session at International Road Federation Safer Roads by Design Across 6 Continents conference. Orlando, FL. Dec. 8, 2015.
27. *The Safety Professional in Litigation.* American Society of Safety Engineers, CT Valley Chapter & Western MA Section meeting. Dec. 16, 2015.
28. *How to Start, Build and Run a Successful Expert Witness Practice.* 25th Annual National Expert Witness Conference. SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Chicago, IL. May 12-13, 2016.
29. *Incident Investigation.* OSHA Summer Summit. Amherst, MA. June 23, 2016.
30. *Establishing Safety Management Systems to Improve Hazard Recognition & Control.* Facilitator and presenter for joint task force including Egypt Ministry of Manpower & Migration, Egypt Ministry of Education & Technical Education, MTC International Development Holding Company/Workforce Improvement & Skill Enhancement program (MTC/WISE), and Egypt chapter of American Society of Safety Engineers. Alexandria, Egypt. Aug. 15-16, 2016.
31. *Safe Schools: Life Safety, Evacuation, Fire Safety, & Machine Safeguarding.* First known presentation of safety & regulatory compliance training for Ministry of Education & Technical Education, governorate level education officials, and key teachers representing 28 technical high schools in upper Egypt. Co-presented with Said Khalifa, CSP. MTC International Development Holding Company/Workforce Improvement & Skill Enhancement program (MTC/WISE), Alexandria, Egypt. Aug. 19-25, 2016.
32. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Falmouth, MA. Sept. 15-16, 2016.
33. *How to Start, Build and Run a Successful Expert Witness Practice.* 26th Annual National Expert Witness Conference. SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Clearwater Beach, FL. May 4-5, 2017.
34. *11 Advanced Report Writing Techniques.* Session at 26th Annual National Expert Witness Conference. SEAK, Inc. Clearwater Beach, FL. May 7, 2017.

35. *OSHA Regulations and Your FELA Practice.* Continuing Legal Education session at 28th Annual Convention of The Academy of Rail Labor Attorneys. Coronado, CA. May 10, 2017.
36. *Work Zone Safety, Runover/Backover Prevention, & Egypt Report.* Technical session presented at meeting of ASSE, CT Valley Chapter. Sept. 27, 2017.
37. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Naples, FL. Nov. 30-Dec. 1, 2017.
38. *Work Zone Safety, Runover/Backover Prevention.* Session presented at Associated General Contractors of America National Health & Safety Committee Conference. Long Beach, CA. Jan. 10, 2018.
39. *Work Zone Safety, Runover/Backover Prevention.* Session presented at Incident Prevention Utility Safety Conference. Loveland, CO. Apr. 24, 2018.
40. *How to Start, Build and Run a Successful Expert Witness Practice.* 27th Annual National Expert Witness Conference. SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Clearwater Beach, FL. May 3-4, 2018.
41. *Real World Work Zone Safety.* Session at International Road Federation Safer Roads by Design Across 6 Continents: Engineering Solutions. Alexandria, VA. Aug. 28, 2018.
42. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Falmouth, MA. Sept. 13-14, 2018.
43. *Work Zone Safety, Runover/Backover Prevention.* Session presented at Incident Prevention Utility Safety Conference. Orlando, FL. Nov. 8, 2018.
44. *Work Zone Safety, Runover/Backover Prevention.* Session presented at American Society of Safety Professionals Region 8 20th Annual Professional Development Conference. Southbridge, MA. Nov. 14, 2018.
45. *Investigating and Documenting Slip, Trip & Fall Incidents*. CT Construction Industries Assn. Safety Roundtable. Apr. 9, 2019.
46. *How to Start, Build and Run a Successful Expert Witness Practice.* 28th Annual National Expert Witness Conference. SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Clearwater Beach, FL. Apr. 25-26, 2019.
47. *Investigating and Documenting Slip, Trip & Fall Incidents*. Session presented at Incident Prevention Utility Safety Conference. Denton, TX. Apr. 30, 2019.
48. *Work Zone Safety, Runover/Backover Prevention.* Session presented at Incident Prevention Utility Safety Conference. Denton, TX. May 1, 2019.
49. *Contractors & Temporary Workers: Your Company's Exposure*. Session presented at CT Business & Industry Assn. Safety & Health Conference, Cromwell, CT. May 17, 2019.
50. *Contractors & Temporary Workers: Your Company's Exposure*. Session presented at OSHA-ConnOSHA-CT Construction Industries Assn. Alliance Safety & Health Conference, Sept. 10, 2019. Southington, CT.
51. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Falmouth, MA. Sept. 12-13, 2019.

52. *Flagging, Traffic Control & Work Zones.* Session presented at Incident Prevention Utility Safety Conference. Charlotte, NC. Nov. 21, 2019.
53. *Investigating and Documenting Slip, Trip & Fall Incidents*. Session presented at Incident Prevention Utility Safety Conference. Charlotte, NC. November 21, 2019.
54. *Workzone Runover/Backover Prevention*. Session presented at American Traffic Safety Services Assn. 50th Anniversary National Conference. New Orleans, LA. Jan. 27, 2020.
55. *Measure Safety Training Effectiveness: Complying with Federal OSHA "Verify Competent Performance" Requirements for General Industry and Construction.* Session presented for 2020 BLR Safety Summit Conference. Apr. 2, 2020.
56. *Safety Committees: How to Keep Your Safety Committee Effective & Relevant for the Long Haul.* Incident Prevention 20/20 Safety Vision Conference. May 7, 2020.
57. *COVID-19 Implications for Construction Safety in the Summer Months.* CT Construction Industries Assn. Safety Roundtable. Jun. 9, 2020.
58. *OSHA vs. Leading Practices in Construction Safety.* Guest lecture in Keene State College Safety and Occupational Health Applied Sciences course SAFE308, Construction Safety Practices: "An overview of best safety practices in the construction industry through course work and guest presentations by national professional experts in construction safety." Sept. 16, 2020.
59. *Left Brain, Right Brain: Implications for Safety Training.* Incident Prevention Utility Safety Conference. Online. Nov. 18, 2020.
60. *How to Start, Build and Run a Successful Expert Witness Practice.* Co-presented online with James J. Mangraviti, Jr., Esq. and Kelly Wilbur, Esq. Mar. 3-5, 2021.
61. *OSHA vs. Leading Practices in Construction Safety.* Guest lecture in Keene State College Safety and Occupational Health Applied Sciences course SAFE308, Construction Safety Practices. Mar. 9, 2021.
62. *OSHA vs. Leading Practices in Construction Safety.* Guest lecture in Keene State College Safety and Occupational Health Applied Sciences course SAFE308, Construction Safety Practices. Sept. 20, 2021.
63. *Fire Service Health & Safety Officer Course.* Lecturer, CT Fire Academy HSO training course, Hamden, CT. Sept. 26, 2021.
64. *Delivering Safer Roadway Work Zones.* 18th Annual International Road Federation World Meeting & Exhibition, Dubai, UAE. November 9, 2021.
65. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. and Kelly J. Wilbur, Esq. Naples, FL. Dec. 1-2, 2021.
66. *OSHA vs. Leading Practices in Construction Safety.* Guest lecture in Keene State College Safety and Occupational Health Applied Sciences course SAFE308, Construction Safety Practices. Jan. 31, 2022.
67. *Effective Safety Training.* Guest lecture in Central CT State University course CM402&511, Construction Safety Training Methods. New Britain, CT. Mar. 22, 2022.

68. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. 29th Annual National Expert Witness Conference. Co-presented with Kelly J. Wilbur, Esq. Clearwater Beach, FL. Apr. 21-22, 2022.
69. *How to Leverage Technology to Help your Expert Witness Practice Succeed.* 29th Annual SEAK National Expert Witness Conference. Clearwater Beach, FL. Apr. 24, 2022.
70. *Stakeholder Meeting on OSHA Initiatives to Protect Workers from Heat-Related Hazards.* Commenter. May 3, 2022.
71. *OSHA Compliance for EMS.* CT Emergency Medical Services Advisory Board 1st Annual First Responder Health, Wellness & Safety Symposium. Meriden, CT. May 14, 2022.
72. *OSHA Heat Injury and Illness Prevention in Outdoor and Indoor Work Settings Standard Update*. CT Construction Industries Assn. Safety Committee. Wethersfield, CT. Jun. 14, 2022.
73. *Urban Construction Work Zone & Job Site Safety*. 3-day program co-presented with Phil Luke, Highway Care (UK). Dubai, United Arab Emirates. International Road Federation and Dubai Roads & Transport Authority. Aug. 30-Sept. 1, 2022.
74. *Measure Safety Training Effectiveness: Complying with Federal OSHA "Verify Competent Performance" Requirements for General Industry and Construction.* CT Construction Industries Assn. Safety Committee. Wethersfield, CT. Oct. 11, 2022.
75. *OSHA vs. Leading Practices in Construction Safety.* Guest lecture in Keene State College Safety and Occupational Health Applied Sciences course SAFE308, Construction Safety Practices. Oct. 12, 2022.
76. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Naples, FL. Dec. 1-2, 2022.
77. *Fire Service Health & Safety Officer Course.* Lecturer, Health & Safety Regulations and Standards. CT Fire Academy HSO training course, Trumbull, CT. Feb. 25, 2021.
78. *Safety in Connecticut: I Can't Believe They're Doing That!* CBIA 2023 Safety & Health Conference panel presentation, Rocky Hill, CT. Apr. 28, 2023.
79. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. 30th Annual National Expert Witness Conference. Co-presented with Kelly J. Wilbur, Esq. Clearwater Beach, FL. May 4-5, 2023.
80. *OSHA Compliance for EMS.* CT Emergency Medical Services Advisory Board 2nd Annual First Responder Health, Wellness & Safety Symposium. Meriden, CT. May 20, 2023.
81. *Investigating and Documenting Slip, Trip & Fall Incidents*. Session presented at National Floor Safety Institute 2nd International Slip, Trip, and Fall Prevention Symposium. Hurst, TX. Sept. 25, 2023.
82. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. Naples, FL. Nov. 30-Dec. 1, 2023.
83. *OSHA Standards for Fire Service Instructors and Update on New Proposed Rule 29 CFR 1910.156.* CT Fire Dept. Instructors Assn. Conference. New Britain, CT. Jan. 12, 2024.

84. *What Happens in the Courtroom Following a Work Zone Incident.* Co-presented with Scott McCanna, PE. 54th American Traffic Safety Services Association national conference, San Diego, CA. Feb. 5, 2024.
85. *Expert Standards, Risk, & Investigation and Documentation of Slip, Trip & Fall Incidents*. Session presented at National Institute of Forensic Studies Certified Forensic Slip Expert training conference. Irvine, CA. Feb. 7-8, 2024.
86. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Middlesex County Fire Chiefs, Middlefield, CT. Mar. 13, 2024.
87. *The Supreme Law.* Braintree Electric Light District. Mar. 18, 2024.
88. *Overview of OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* CT Emergency Medical Services Medical Advisory Committee, Meriden, CT. Mar. 27, 2024.
89. *Effective Safety Training: Left Brain-Right Brain.* Guest lecture in Central CT State University course CM402&511, Construction Safety Training Methods. New Britain, CT. Mar. 28, 2024.
90. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. 31st Annual National Expert Witness Conference. Co-presented with Kelly J. Wilbur, Esq. Clearwater Beach, FL. Apr. 25-26, 2024.
91. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Valley Fire Chiefs Association, Orange, CT. Apr. 29, 2024.
92. *Incident [Accident] Investigation: Be a Safety Detective to Get Effective Outcomes.* CBIA 2024 Safety & Health Conference, Rocky Hill, CT. May 15, 2024.
93. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Mohegan Tribe Regulation & Compliance, OSHA Training Institute Region 1 Ed Center, Mohegan Tribe Fire Department. Uncasville, CT. Jun. 10, 2024.
94. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* East Haven Fire Dept., OSHA Training Institute Region 1 Ed Center. East Haven, CT. Aug. 6, 2024.
95. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* EMS & Fire Pro Expo + Conference, Mashantucket, CT. Oct. 24, 2024.
96. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* International Technical Rescue Symposium, Golden, CO. Nov. 9, 2024.
97. *OSHA vs. Leading Practices in Construction Safety.* Guest lecture in Keene State College Safety and Occupational Health Applied Sciences course SAFE308, Construction Safety Practices. Nov. 12, 2024.
98. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. and John Baker, MD. Naples, FL. Jan. 9-10, 2025.
99. *OSHA Standards for Fire Service Instructors and Update on New Proposed Rule 29 CFR 1910.156.* CT Fire Dept. Instructors Assn. Conference. New Britain, CT. Jan. 17, 2025.

100. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* Greater Massachusetts Safety & Health Conference, Norwood, MA. Hosted by National Safety Council New England Chapter. April 3, 2025.
101. *Supported Scaffold Safety.* Connecticut Construction Industries Association Safety Roundtable. April 15, 2025.
102. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. 32nd Annual National Expert Witness Conference. Co-presented with Kelly J. Wilbur, Esq. Clearwater Beach, FL. May 1-2, 2025.
103. *What Every Fire & EMS Service Leader Needs to Know About OSHA.* EMS & Fire Pro Expo + Conference, Uncasville, CT. Sept. 26, 2025.
104. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. Co-presented with James J. Mangraviti, Jr., Esq. and John Baker, MD. Naples, FL. Jan. 8-9, 2026.
105. *Left Brain, Right Brain: Key Points for Trainers.* CT Fire Academy & CT Fire Dept. Instructors Assn. Winter Fire School. Windsor Locks, CT. Jan. 15, 2026.
106. *Group Dynamics: Groups and Subgroups in Training.* CT Fire Academy & CT Fire Dept. Instructors Assn. Winter Fire School. Windsor Locks, CT. Jan. 15, 2026.
107. *How to Start, Build and Run a Successful Expert Witness Practice.* SEAK, Inc. 33rd Annual National Expert Witness Conference. Co-presented with Kelly J. Wilbur, Esq. Clearwater Beach, FL. April 30-May 1, 2026.
108. *Contractors & Temporary Workers: Your Company's Exposure.* Chittenden Group. Waterbury, CT. May 14, 2026.

Publications

1. Darius, Chip. (1988). Communicative Competence and Nonverbal Communication: A Developmental Study of Resident Assistants. Master of Arts Thesis, The Univ. of CT.
2. Darius, Chip. (1990). *Handling Irate Callers.* CSR Connection magazine, Spring.
3. Darius, Chip. (1990). *Changing Times for Dispatchers.* 9-1-1 magazine, May/June.
4. Darius, Chip. (1990). *Trends to Watch in Emergency Communications.* Rescue/EMS News magazine, November/December.
5. Darius, Chip. (1990). *Handling Telephone Bomb Threats.* 9-1-1 magazine, Nov./Dec.
6. Darius, Chip. (1990). *Earthquake: Lessons Learned.* American City & County magazine, December.
7. Editor, Dispatcher's Guide to Fires/Incidents in Progress, and Dispatcher's Medical Desk Reference Manual, 2nd Edition, PowerPhone, Inc., 1990.
8. Darius, Chip (1994). SAFER: Safety Administration For Emergency Responders. Resource materials for emergency medical services, fire/rescue, and law enforcement agencies to improve OSHA compliance. Federal and Minnesota OSHA standards.
9. Darius, Chip and Holdsworth, Robert. (1994). *Something In the Air*. Public Risk magazine, March.

10. Darius, Chip and Holdsworth, Robert. (1999). *Checking Your Ambulance Service Vital Signs.* Wisconsin EMS Professionals magazine, July.
11. Darius, Chip. (2002). *Safety Inspections.* CBIA News. Reprinted in Worker's Comp Newsletter, vol. 4, issue 1.
12. Darius, Chip. (2002). *OSHA Amputation Prevention Initiative Revised, Expanded.* Workers' Comp Newsletter, vol. 4, issue 2.
13. Darius, Chip. (2002). *First Aid: Responsibility or Liability?* Workers' Comp Newsletter, vol. 4, issue 3.
14. Darius, Chip. (January, 2011). *Workplace First Aid – Responsibility or Liability?* White paper published on JDSupra.com.
15. Darius, Chip. (Updated 2014). Hazard Communication Compliance Guide & Trainer's Kit. Resource materials for complying with OSHA Hazard Communication standard, 29 CFR 1910.1200. Originally published 1997.
16. Darius, Chip. (Updated 2023). TB & Airborne Pathogens Compliance Guide & Trainer's Kit. Resource materials for complying with OSHA general duty clause 5(a)(1) and Centers for Disease Control recommendations for control of tuberculosis and airborne pathogens in healthcare and EMS. Originally published 1993.
17. Darius, Chip. (Updated 2023). Bloodborne Pathogens Compliance Guide & Trainer's Kit. Resource materials for complying with OSHA Bloodborne Pathogens standard, 29 CFR 1910.1030. Originally published 1992 with R. Holdsworth.
18. Mangraviti Jr., James J., Esq.; Babitsky, Steven, Esq.; Donovan, Nadine Nasser, Esq. How to Write an Expert Witness Report. © 2014 SEAK, Inc. (contributor)
19. Mangraviti Jr., James J., Esq.; Babitsky, Steven, Esq.; Donovan, Nadine Nasser, Esq. How to be a Successful Expert Witness: SEAK's A-Z Guide to Expert Witnessing. © 2015 SEAK, Inc. (contributor)
20. Glazer, Hillel. (Sept. 7, 2016) *Ten Slip and Fall Experts Weigh in on Accident Prevention.* (contributor) http://blogs.heattrak.com/commercial/ten-slip-and-fall-experts-weigh-in-on-accident-prevention.
21. Mangraviti Jr., James J., Esq.; Donovan, Nadine Nasser, Esq.; Babitsky, Steven, Esq. How to Start, Build and Run a Successful Expert Witness Practice. © 2018 SEAK, Inc. (contributor)
22. Darius, Chip. *Preventing Runovers and Backovers in Work Zones and Construction Sites.* CONNstruction magazine, vol. 57, #4, Winter, 2018.
23. Darius, Chip. *Controlling Struck-By Hazards in Utility Work Zones.* Incident Prevention magazine, vol. 15 issue 6, Dec. 2018-Jan. 2019.
24. Darius, Chip. *Effective Expert-Counsel Relationships*. American Bar Association Sound Advice. June, 2019. https://www.americanbar.org/groups/litigation/committees/expert-witnesses/multimedia/, https://soundcloud.com/user-15352895/effective-expert-counsel-relationships/s-BqzgL

25. Darius, Chip. *Investigating and Documenting Slips, Trips and Falls.* Incident Prevention magazine, vol. 16 issue 4, Aug.-Sept., 2019.
26. *How to Apply the ANSI/ASSP Z490.1 Safety Training Standard* (contributor). Apr. 22, 2020. https://safesitehq.com/ansi-assp-training-standard/.
27. Darius, Chip. *Faces of EHS: Chip Darius Highlights the Joys of Safety Training.* EHS Daily Advisor, Mar. 13, 2020.
28. Darius, Chip. *Bleach and Water for Decontamination.* ASSP CT Valley Chapter newsletter, May, 2020.
29. Darius, Chip. *Don't Become a Statistic: Struck-by and Run-over/Back-over Prevention is a Crucial Part of Work Zone Safety.* Safety Today magazine, a supplement to Roads & Bridges magazine. June, 2020.
30. Darius, Chip. *Accident Safety Investigator Advice – Chip Darius of Safety Priority Consultants.* CT Injury Resource Guide. Mar. 16, 2021.
31. Darius, Chip. *Beating the Heat with OSHA's Guidance – OSHA Heat Stress Standard Update.* CONNstruction magazine, vol. 61, #3, Fall, 2022.
32. *Raising Global Safety Standards for Road Work Zones.* (contributor) World Highways magazine, Sept. 2022.
33. *Report: New Employees Most Vulnerable to Workplace Injuries.* (contributor) CT Business & Industry Association. May 10, 2023.
34. *Top Workplace Safety Violations Remain Constant.* (contributor) CBIA News. Jan. 10, 2024.
35. *Fire Service Qualifications, Certification Standards, Workforce Readiness, and Statewide Registry Development. Final Report of the Standards & Certification Subcommittee*. July, 2026. (contributor) Connecticut Commission on Fire Prevention and Control.

Professional Organizations & Societies

1. American Bar Association (ABA). Associate member, 2012-2022.
   1.1. Expert Witness Committee, Litigation section, 2018-2022.
   1.2. Occupational Safety & Health Committee, Labor & Employment Law Sec., 2021-2022.
2. American Industrial Hygiene Association. Member #282506. 2020-2025.
   2.1. Risk Committee, Safety Committee, Legal Issues Committee (2020-2022).
   2.2. Appointed alternate representative to ANSI/ASSP Z10 Committee, 2022-2025.
3. American Society of Safety Professionals (ASSP) [formerly American Society of Safety Engineers (ASSE)]. Professional member #245737. 2000-present.
   3.1. Body of Knowledge Committee, Legal Services Branch. 2010-2014.
   3.2. CT Valley Chapter 2000-present. Vice President, 2006-2008, 2014-2015, 2017-2023. Student Affairs Liaison, 2002-2005.
   3.3. International/Egypt Chapter, 2017-present.
   3.4. Utilities Practice Specialty – Electric Transmission & Distrib. Sub-team, 2018-2021.
4. American Traffic Safety Services Association (ATSSA). 2013-present.

4.1. Master Instructor, 12/2023-present.
4.2. Temporary Traffic Control Committee, Friend of the Committee. 2020-present.
4.3. Roadway Worker Protection Council, Friend of the Council. 2025-present.
4.4. Risk Management Council, Friend of the Council. 2025-present.

5. ASIS International. 2025-present.
6. Associated General Contractors of America (AGC). 2012-present.
   6.1. Safety Professional of the Year, AGC of CT. 2022.
   6.2. Work Zone Safety Committee, 2022-present.
   6.3. Instructor, OSHA Harwood Grant Safety Training: fall protection. 2019-present.
   6.4. Presenter, Jan., 2018 National Health & Safety Committee Conference.
   6.5. National Health and Safety Committee, 2016-present.
7. ASTM. 2019-present.
   7.1. Committee F13, subcommittees F13.10, F13.30, F13.50.
   7.2. Committee D12, subcommittee D12.16.
   7.3. Committee E30.
8. Board of Certified Safety Professionals (BCSP). Certificants Advisory Committee to the Board of Directors, 2013-present.
9. Connecticut Capitol Region Council of Governments Greater Hartford Traffic Incident Management Coalition, 2023-present.
10. Centers for Disease Control, National Occupational Research Agenda.
    10.1. Construction Sector Council Workgroups. 2020-present: COVID-19, Preventing Falls, Preventing Struck-by Injuries/Fatalities.
    10.2. Public Safety Sector Council Workgroups. 2020-present: Emergency Medical Services, Fire Service.
11. CT Bar Association. Associate member 2011-present.
12. CT Business & Industry Association (CBIA). 1991-2026. 35 years providing training, consulting, Safety & Health Advisory Board leadership, conference and keynote presentations.
13. CT Construction Industries Association (CCIA). 2012-present. Safety Committee, conference speaker.
14. CT EMS Advisory Board. Health and wellness committee. 2020-present.
15. CT Fire Academy. Lecturer, Health & Safety Officer course. 2021-present.
16. Global Crowd Management Alliance. 2025-present.
17. International Powered Access Federation (IPAF). Associate member, 2021-present.
18. International Road Federation Global Safer Work Zone Practices Task Force. 2022-present.
19. International Society for Fall Prevention. 2015-present.
20. National Academies of Emergency Dispatch. 1989-present.
    20.1. Curriculum Board, 1999-2004.
    20.2. College of Fellows, 2000-present.

20.3. Keynote speaker, first European conference on emergency dispatch protocols (*EuroNavigator*), Edinburgh, Scotland, 2003.
20.4. Speaker, second *EuroNavigator* conference, Dublin, Ireland, 2004.
21. National Association for Public Safety Infection Control Officers (NAPSICO). 2021-2025.
22. National Association of Safety Professionals (NASP). 2010-present.
23. National Fire Protection Association (NFPA). 2000-present.
24. National Floor Safety Institute (NFSI). 2011-present.
    24.1. B101 Main Standards Committee, 2017-present.
    24.2. B101.9 Subcommittee for Pedestrian Trip Hazards, 2017-present.
    24.3. NFSI Advisory Board, 2018-present.
    24.4. B101.0 Subcommittee for Walkway Surface Auditing Procedure, 2019-present.
    24.5. B101.12 Subcommittee for Application, Selection, and Use of Pedestrian Warnings as Related to the Prevention of Slips, Trips and Falls, 2020-present.
    24.6. B101.14 Forensic Standard for Slip and Fall Analysis using Tribometers. Subcommittee member, 2020-present.
    24.7. B101.6 Subcommittee for Commercial Entrance Mats, 2021-present.
25. National Safety Council (NSC). 2000-present. Regional and national conferences.
26. Scaffold & Access Industry Association (SAIA). Affiliate member. 2011-present.
27. Utility Safety & Ops Leadership Network (USOLN). 2014-present. Presenter at Incident Prevention (iP) national conferences 2018, 2019, 2020.
28. Workplace Health Without Borders. 2018-present.

Emergency Medical Services (EMS) Operations Experience

Cromwell Fire Department, Cromwell, CT. Emergency Medical Technician (patient care attendant, first responder, emergency vehicle driver). Delivered 3 babies in pre-hospital settings.

- 2024-present: EMT, Department Health & Safety Advisor.
- 2024: EMT, District Health & Safety and Facilities Committee Chair.
- 2021-2024: EMT, Cromwell Fire District Commissioner.
- 2022-2023: EMT, Health & Safety Advisor.
- 2020-2022: EMT, Health & Safety Advisor, Fire Police.
- 2003-present: Life Member.
- 1998-2004: EMT, EMS Captain, Safety Committee. Operations, medical QA, infection control officer. Founding Chair, Emergency Medical Dispatch Review Committee.
- 1993-1998: EMT, EMS 1st Lieutenant. Operations, medical QA, infection control officer.
- 1990-1994: EMT, EMS Training Officer and Crew Chief. Classroom, hands-on, and tactical training for clinical skills, ambulance emergency vehicle operations (red light & siren and routine), patient care, reports and documentation, scene safety, customer service.

Year	Other Medical and EMS Experience
1980-1985	Hunter's Ambulance Service, Meriden, CT. EMT, dispatcher, dispatcher trainer, wheelchair van/invalid coach driver, livery driver, ambulance special event operations planning & supervision.
1980-1985	Camp Mattatuck Boy Scouts of America, Plymouth, CT. EMT and summer camp health staff; district health & safety committee.
1981-1984	Central Medical Emergency Dispatch (C-MED), New Haven, CT. Telecommunicator in regional emergency dispatch center.
1981-1988	University of Connecticut Student Health Services, Storrs, CT. Chief medical technician. President, Student Health Advisory Council.
1981	National Boy Scout Jamboree, Fort A.P. Hill, VA. EMT & health staff.
1983	Professional Ambulance Service, Middletown, CT. EMT.
1983-1988	Natchaug District Boy Scouts of America, health & safety chair.
1985	National Boy Scout Jamboree, Fort A.P. Hill, VA. EMT & health staff.
1988	Medstar Ambulance, Southington, CT. EMT.
1988-1993	New Britain EMS, New Britain, CT. EMT-Intermediate.
2007-2012	Good Samaritan Hospital, La Romana, Dominican Republic. Medical care in extremely rural villages.
2010-2016	BEM. Medical care for 2010 earthquake victims in Haiti. Medical care and community health training for community leaders in rural and extremely rural Haiti villages. Past member, BEM Medical Advisory Board.
2020-present	Medical Reserve Corps.

Presentations Given at Emergency Medical Services (EMS) Conferences

Year	Presentations Given at EMS Conferences
1992	1. 13th Annual Connecticut EMS Conference.
1993	2. 14th Annual Connecticut EMS Conference.
	3. EMMCO West EMS Conference, Pennsylvania.
	4. West Virginia State EMS Conference.
	5. New Jersey State First Aid Council Annual Education Symposium.
1994	6. Minnesota Ambulance Association Annual Conference.
	7. 15th Annual Connecticut EMS Conference.
	8. North Dakota EMS Conference.
	9. National Emergency Number Association Conference.
	10. West Virginia EMS conference.
	11. New Jersey State First Aid Council Conference.

Year	Presentations Given at EMS Conferences
	12. *InterPhase Saskatchewan* EMS Conference, Regina, Alberta, Canada.
	13. Delaware EMS Conference.
1995	14. Minnesota Ambulance Association Conference, St. Cloud, MN.
	15. Arrowhead EMS Conference, Duluth, MN.
	16. New Hampshire EMS Regional Office special conference.
	17. 16th Annual Connecticut EMS Conference.
	18. Connecticut Business & Industry Assn. Annual Safety Conference.
	19. North Dakota EMS conference.
	20. Colorado Office of EMS. EMS Management, Grand Junction & Denver, CO.
	21. West Virginia EMS Region 10-11 Conference.
	22. Connecticut Society of EMS Instructors Conference.
	23. Safety Administration For Emergency Responders, St. Cloud, MN.
	24. New Jersey State First Aid Council Conference.
	25. CT Office of EMS. Facilitator for new EMT-B Curriculum to EMS Instructors.
1996	26. Wisconsin EMS Association Conference.
	27. Arrowhead EMS Conference, Duluth, MN.
	28. Northwest Minnesota EMS Management Seminar, Bemidji College.
	29. 17th Annual Connecticut EMS Conference.
	30. *EMS Expo* (national conference, EMS Magazine). Atlanta, GA.
	31. West Virginia EMS Region 10-11 Conference.
	32. West Virginia EMS Technical Services Network seminars.
	33. Connecticut Society of EMS Instructors Annual Seminar.
	34. Colorado Office of EMS. EMS Management, Grand Junction & Denver, CO.
1997	35. Wisconsin EMS Association Conference.
	36. West Virginia EMS Technical Support Network Conference.
	37. What Every Fire & EMS Officer Needs to Know About OSHA. (VFIS).
	38. 18th Annual Connecticut EMS Conference.
	39. Colorado State EMS Conference.
	40. New Jersey State First Aid Council Convention.
	41. Colorado Office of EMS. EMS Management, Colo. Springs & Denver, CO.
	42. *Navigator '97*, National Academy of Emergency Medical Dispatch.
1998	43. Arrowhead EMS Conference, Duluth, MN.
	44. 19th Annual Connecticut EMS Conference.
	45. Colorado EMS Council. EMS Recruitment & Retention Project.
	46. Connecticut Business & Industry Assn. Safety Conference.
	47. Safety Administration for Emergency Responders, St. Cloud, MN.
	48. *Navigator '98*, National Academy of Emergency Medical Dispatch.
	49. Safety Administration for Emergency Responders, Minneapolis, MN.
	50. Northeast Fire & Emergency Services Expo, Atlantic City, NJ.
1999	51. Wisconsin EMS Association Conference.
	52. 20th Annual Connecticut EMS Conference.

Year	Presentations Given at EMS Conferences
	53. *Jasper Summit: The Road to Excellence*, Jasper, Alberta, Canada. **Keynote**.
	54. *Navigator '99*, World Conference on Emergency Dispatch. **Keynote**.
2000	55. West Virginia EMS Technical Support Network.
	56. *Navigator* 2000 World Conference on Emergency Dispatch.
2002	57. 23rd Annual Connecticut EMS Conference.
	58. *Navigator* 2002 World Conference on Emergency Dispatch.
	59. Nat'l Academy of Emer. Medical Dispatch Instructor Devel. Conference.
2003	60. *Navigator* World Conference on Emergency Dispatch.
	61. Nat'l Academy of Emer. Medical Dispatch Instructor Devel. Conference.
	62. Int'l Academy of Emergency Medical Dispatch. 1st *EuroNavigator* Conference on world-class emergency dispatch, Edinburgh, Scotland. **Keynote**.
	63. EMS Expo (national conference, EMS Magazine).
2004	64. International Academy of Emergency Medical Dispatch. 2nd *EuroNavigator* Conference on world-class emergency dispatch, Dublin, Ireland.
2022	65. *OSHA Compliance for EMS.* CT Emergency Medical Services Advisory Board 1st Annual First Responder Health, Wellness & Safety Symposium.
2023	66. *OSHA Compliance for EMS.* CT Emergency Medical Services Advisory Board 2nd Annual First Responder Health, Wellness & Safety Symposium.
2024	67. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* EMS & Fire Pro Expo + Conference, Mashantucket, CT.
	68. *OSHA's New Proposed Rule 29 CFR 1910.156: Emergency Response.* International Technical Rescue Symposium, Golden, CO.
2025	69. *OSHA Compliance for EMS.* Catholic Health Emergency Medical Services Regional First Responder Health, Wellness & Safety Virtual Symposium. April 4, 2025.
	70. *What Every Fire & EMS Service Leader Needs to Know About OSHA.* EMS & Fire Pro Expo + Conference, Uncasville, CT. Sept. 26, 2025.
2026	71. *Left Brain, Right Brain: Implications for Trainers.* CT Fire Academy & CT Fire Department Instructors Association Winter Fire School. Windsor Locks, CT. Jan. 15, 2026.
	72. *Group Dynamics: Managing Groups in Training.* CT Fire Academy & CT Fire Department Instructors Association Winter Fire School. Windsor Locks, CT. Jan. 15, 2026.

Honors and Awards

- Construction Safety Professional of the Year: Associated General Contractors of Connecticut, 2022.
- "One of The Best" award winner, 9 times. Connecticut Law Tribune Readers Poll.
- Cromwell Fire Department: Life Member, 2003.
- Cromwell Fire Department: Member of the Year, 2000.