

## Curriculum Vitae

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### **EDUCATION**

Master of Public Health (MPH) (12/14) - Johns Hopkins School of Public Health

- Capstone: Association of Metabolic Disorder and Workplace Accident

Post-Baccalaureate Certificate (3/14) - Johns Hopkins School of Public Health

- Environmental & Occupational Health Certificate

Post-Baccalaureate Certificate (6/09) - Drexel University

- Epidemiology and Bio-Statistics Certificate

Master in Safety Sciences (5/03) - Indiana University of Pennsylvania (ABET accredited)

- Thesis research in tribometry (slip-resistance)

Elizabethtown College - B.S. Business Administration (8/86)

- Concentration in computer science

Insurance Institute of America - Associate in Risk Management (ARM) - (1995)

### **QUALIFICATIONS & CERTIFICATIONS**

Certified Industrial Hygienist (CIH) – American Board of Industrial Hygienists  
(2015 – present) # CP10820

Certified Safety Professional (CSP) - Board of Certified Safety Professionals  
(1994 – present ) # 12394

Pennsylvania State Certified Emergency Medical Technician (EMT) Pennsylvania  
Department of Health (1985 - present) # 012414

Certified XL Tribometrist (CXLT) (#F0202-0891) International Safety Association / Excel  
Tribometers (2002 - present).

Recognized Qualified Accident & Illness Prevention Services Provider - Pennsylvania  
Department of Labor & Industry # 1052Q

## **QUALIFICATIONS & CERTIFICATIONS (continued)**

Construction Health & Safety Technician (CHST) - Council on Certification of Health, Environmental & Safety Technologists (2009 - present). # C1605

Advanced First Aid Instructor / Emergency Response Courses – American Red Cross (1987 – 1993)

Community First Aid and CPR Instructor - American Red Cross (1985 - 2006)

American Heart Association - Basic Life Support: CPR / First Aid Instructor;  
Healthcare Provider Instructor (1987 - 2018)

OSHA Training Institute - OSHA-Authorized Instructor (1990-current)  
General Industry & Construction Outreach Instructor

Instructor-Trainer for Mid-Atlantic OSHA Training Institute. (1998 – 2018)  
(500, 501, 510, 511 OSHA Course Instructor)

EPA / AHERA accredited Asbestos building inspector BI-07061695 (1995 - Expired)

Basic Fire Fighter I - Lycoming County Fire College (1987)

## **RELATED EMPLOYMENT HISTORY:**

10/97 – present Founder and President: High Environmental Health & Safety Consulting. (Previously High Safety Consulting Services Ltd.)

10/96 – 10/97: Executive Assistant to the President - High Industries, Inc.

06/93 - 10/96: Corporate Manager of Safety, Industrial Hygiene & Environmental Services - High Industries, Inc.

06/89 - 06/93: Safety Specialist - High Industries, Inc.  
(Steel Fabrication / Distribution, Precast Concrete, Construction, Real Estate, Hotels, Grounds Maintenance, CD Manufacturing, Temporary Employment Services, Food Services)

08/88 - 06/89: Safety & Training Coordinator - H. M. Stauffer & Sons, Inc.  
(Wood Products & Fuel Oil)

1987 - 08/88: Administrative Assistant to the Operations Manager -  
H. M. Stauffer & Sons, Inc.

Steven D. High

## **RELATED ASSOCIATIONS AND ACTIVITIES:**

American Society of Safety Professionals (ASSP)  
Member: Consultants' Division (#000207533)

American Industrial Hygiene Association (AHIA): Full Member (#136335);  
Member of the Occupational and Environmental Epidemiology Committee

American Conference of Governmental Industrial Hygienists (ACGIH). (#307017-00)

American Society of Testing Materials (ASTM) (#000319326)  
Voting Committee Member: F13 – Safety and Traction / Footwear

Millersville University – Occupational Safety & Health Management Baccalaureate  
Degree Program Industry Advisory Board. (2012 - Present)

Governors' Occupational Safety & Health Conference Advisory Committee  
(Sponsorship Sub-Committee) (1995-2001)

PENNSAFE Advisory Board (1998-2003).  
Governors' workplace safety initiative (Gov. Ridge)

WORK SAFE PA (2003 ~ 2005 became Inactive Board)  
Governor's Advisory Board on Safety & Health

Associated Builders & Contractors' (ABC) Keystone Chapter  
Safety Committee (2003 - 2011).

National Safety Council Member (#451170)

Mid-Atlantic Construction Safety Council (2007- 2017)

Ask the Expert – Safety "E"-thority for Pennsylvania Chamber of Business and Industry.  
(No longer maintained by the Chamber).

Habitat for Humanity Safety Committee (2011- 2018; 2021-)

Lancaster County Industrial Safety Council  
President – 1990; Vice-president – 1989; Treasurer – 1988; Board Member - 1991

Volunteer Emergency Medical Services Provider:

- Manheim Township Ambulance Association: Crew; Duty Officer, Officer in Charge, Safety Officer: 1982-1990
- Elizabethtown Ambulance Crew Member: 1982 to 1986
- Leola Ambulance Association Crew: 1986 to 1990

## **PUBLICATIONS & INTERVIEWS:**

Safety Professionals Handbook - Technical Applications Volume II 3rd Edition – Chapter  
Author Lead: Electrical Safety – Chapter 27 – ASSP publication..

Retrospective Exposure Reconstructions – AIHA publication.  
Panel Reviewer for Chapter 2.

The SH&E Consultants’ Guidebook (Contributed Essay)  
American Society of Safety Engineers (2014 release)

Catalyst, Fall 2008 - “Walking the Pathway to Safety”

ABC Spokesman - “Hear Today, Gone Tomorrow – Hearing Conservation in the  
Construction Industry.

Occupational Hazards July, 2004 - “Taking the Measure of OSHA” – Interview

2000, 2005, 2010, 2014 OSHA Handbooks. Pennsylvania Chamber of Business and  
Industry® Educational Foundation; © 1999-2014. Chapter 7 – Electrical Safety  
Provisions in the OSHA Standards; Powered Industrial Truck Requirements; Lockout  
Tagout Requirements; Occupational Noise Exposure -- Edited / Wrote Various Chapters  
in specified years.

Occupational Hazards Magazine: 1995  
Featured Cover Story / Interview: Establishing Emergency Response Teams.

OSHA Compliance Advisor; July 10, 2000; Issue 399  
Business & Legal Reports © 2000  
Safety Meeting Burnout? - Featured Interview

Workers’ Compensation Report; Vol. 9; No.4; Comp Strategies  
© 1998 Bureau of National Affairs, Inc.  
High’s Business Units Learn High, Low Limits of Paying for Comp. -- Featured Interview

**PRESENTATIONS:** (sample listing)

Pennsylvania Chamber Business & Industry:

OSHA & Safety Conferences and Roundtables:

- Communicable & Bloodborne Diseases (Virtual – 2020)
- Get a LEG up on Safety (Lockout, Electrical & Machine Guarding) (2020)
- Electrical Lockout & Machine Guarding (Philadelphia, Pittsburgh, Harrisburg – 2014)
- Complying with OSHA’s Electrical Safety Work Practice Standards (Philadelphia, Pittsburgh, Harrisburg – 2012)
- Surviving OSHA Inspections / OSHA 101 (2009)
- Big Stuff, Little Stuff (2008)
- How to Avoid the “Stupid” Accidents (2007)

PA Governors’ Safety & Health Conferences

- Untangling Difficulties in Chemical Exposure Assessments (2023)
- General Session: Perspectives on COVID-19: Managing Disease Risks (2020)
- Prevention of Slips, Trips and Falls (2014)
- Selling Safety through Effective Training / Panel (2010)
- Slips, Trips and Fall Events (2004)

American Society of Safety Professionals

The current state of slip-resistance measurements (2020)

PA Chamber Human Resources Conference (2015)

Total Worker Health – Integrating Workplace Safety & Wellness Programs

Lancaster County Industrial Safety Council

- Slips, Trips and Falls (2024)
- Silica Health Effects and Compliance with the New Silica Rule (2016)
- Checking Out – Will that be Flash or Charge? NFPA 70E and Electrical Safety (2014)
- Slips, Trips and Fall Events (2005)

MANTEC – Business Growth Conference (2013)

Most Popular OSHA Citations in Manufacturing

Pennsylvania Association of School Board Officers (PASBO)(2010)

Critical Issues in School Safety

Risk Insurance & Management Society (RIMS) (2010)

Slip, Trips and Gravitational Forces

Associated Builders & Contractors, Berks County (2014)

Defending OSHA Citations

## **PROJECT EXPERIENCE:**

### **Slip-Resistance & Walking Surface Safety**

- Assessed slip-resistance for coating and floor product manufacturers as well as legal cases as an expert under: ASTM standards: F-2508, F-1679, F-1677, F-609 and C-1028; and ANSI standards: A137.1, B101.3, A326.3
- Developed the world's fastest actuating drag-sled tribometer for research applications for MS thesis.

### **OSHA Compliance**

- Conducted hundreds of OSHA compliance courses in both general industry and construction since 1989, including OSHA Instructor-Trainer Programs. Superior knowledge of OSHA rules and regulations.
- Developed defenses and responses to OSHA citations including participation in informal conferences and settlement agreements.
- Conducted hundreds of safety, loss control and mock-OSHA compliance surveys for clients.
- Developed numerous safety and occupational health programs including lockout-tagout, electrical safety, lead management, silica management, emergency response, confined-space entry, personal protective equipment, hearing conservation, fall protection and ergonomics.

### **Safety Management**

- Developed a complex but easy to use Microsoft Excel product which performs loss and exposure based insurance allocations to individual operational business units which aligns safety performance with financial performance goals. Product was marketed as the "Allocator™".
- Developed a safety culture assessment tool for supervisory and line personnel which quantitatively determines strengths and weaknesses in organizational safety culture. The instrument also evaluates associations of specific factors in multiple variable logistic regression analysis that may be statistically significant in accident vs. non-accident employee groups.

### **PROJECT EXPERIENCE: (Continued)**

- Developed a safety-committee assessment instrument that provides a quantitative assessment of safety committee performance and recommendations for improvement.
- Assisted the High organization in achieving Voluntary Protection Program Status of STAR – The highest award from OSHA.
- Led the High organization in the application and award of the Governor’s Award in Safety and Health.

### **Industrial Hygiene and Exposure Evaluations**

- Conducted industrial hygiene exposure surveys for a variety of chemical and physical hazards including silica, lead, isocyanates, wood dusts, solvents, carbon monoxide, formaldehyde, benzene, cannabis dust, noise levels, electromagnetic fields and numerous other hazards.
- Assisted with retrospective exposure assessment for illness-based claim of chemical solvents.
- Conducted an epidemiological review for an educational facility with concerns of a potential cancer cluster.
- Conducted a contamination evaluation of a clandestine methamphetamine home lab and developed recommendations for remediation and verification for re-use.
- Investigated indoor air quality complaints and sudden illness cases and determined source of contaminants and corrective measures required.
- Developed Health and Safety Plans for chemical exposure prevention on environmentally contaminated sites for the protection of workers.
- Regularly teach college-level Hazardous Waste Operations and Emergency Response course for Environmental Engineering Students (Wilkes University).
- Primary developer for COVID-19 Workplace training programs developed under an OSHA-awarded Susan Harwood Grant through Millersville University.

## **PROJECT EXPERIENCE: (Continued)**

### Electrical

- Involved in the development of electrical safety programs in compliance with OSHA and NFPA 70E. Conduct approximately 50-60 OSHA / NFPA 70E courses annually that have been approved for continuing education credits for electricians in Maryland, Delaware and New Jersey. Approved for credits for code inspectors in Pennsylvania.
- Primary Chapter Author on Electrical Hazards for The Safety Professionals Handbook, Second Edition - Technical Applications

### Investigations

- Conducted numerous serious accident and fatality investigations determining causations and associated corrective actions for future event prevention.

### Legal & Expert Witness Work

- Provided expert opinions for legal litigation cases. Served as expert witness for slip and fall cases, safety culture and management, OSHA compliance, product liability, chemical air-exposure assessment, noise exposure, ladder accident, scissor lift accident, crane accident, equipment rigging, electrocution, welding and trenching accident.

## **SPECIFIC COURSEWORK:**

### Indiana University of Pennsylvania

Hazardous Materials Management

Quantitative Methods

Human Relations in Safety Mgm't

Advanced Principles of Safety Engineering

Concepts in Risk Assessment

Industrial Toxicology

Disaster Preparedness

Radiological Health

Advanced Safety Administration

Law & Ethics in Safety Profession

Thesis: Investigation of Sticktion in Drag-Sled Tribometers.

## **SPECIFIC COURSEWORK (Continued):**

### Drexel University

Intro to Descriptive Epidemiology & Biostatistics  
Intro to Analytic Epidemiology & Biostatistics  
Design & Analysis of Epidemiological Studies

### Johns Hopkins Bloomberg School of Public Health

Fundamentals of Epidemiology I, II  
Environmental Health  
Occupational Health  
Principles of Occupational & Environmental Hygiene  
Problem Solving in Public Health  
Intro to Risk Sciences & Public Policy  
Industrial Ventilation  
Research Ethics  
Public Health Biology  
Statistical Reasoning I, II  
Data Analysis I, II  
Observational Epidemiology  
Introduction to Occupational & Environmental Law  
Program Planning for Health Behavior Change  
Industrial Hygiene Laboratory I, II  
Advanced Data Analysis  
Vulnerable Worker Populations  
Noise & Physical Agents in the Workplace  
Human Physiology  
Risk Assessment of Nanotechnology  
Critical Review of Epidemiological Literature  
Investigations of Disease Outbreaks  
Capstone: Relationship of Metabolic Syndrome and Workplace Accident

## **AWARDS & RECOGNITIONS**

Dean's Scholarship Award – Johns Hopkins School of Public Health. 2012 - 2014  
Outstanding Author Award – PA Chamber of Business & Industry. 1999  
Assistant Operations Chief Award – Manheim Township Ambulance. 1990

**OTHER ACTIVITIES:**

Partner Member: The High Family Business Center at Elizabethtown College (2014 -)

The High Foundation. Trustee (1989-2011), Chair (1995-1997)

The S. Dale High Family Foundation (2011-present)

Member of the Board of Directors: Irex / North Lime Corporation (2009-present)

Member of Habitat for Humanity Safety Committee (2015 – present)

Member of the Board of Directors: High Real Estate Grp. / High Industries (1997-present)

Chair of Compensation & Governance Committee (2007- 2011, 2015)

Member of Compensation & Governance Committee (2007-present)

High Real Estate Architectural Review Committee (2008-present)

Member of the High Family Council – (1999 – present)

Ownership Governance Organization for the High Companies.

Conestoga Valley Educational Foundation Board Member (2008 – 2011)

United Way of Lancaster County - Cabinet Member (1997 Campaign).

The Lancaster Partnership Program. Executive Committee. (1995)