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## Education

B.S. Biological Sciences  
University of Connecticut  
Storrs, CT

M.S. Industrial Hygiene  
University of Cincinnati  
Cincinnati, Ohio

M.S. Management  
Rensselaer Polytechnic Institute  
Hartford, CT

## Work Experience

**Lecturer & Academic Advisor** (5/31/2014 to present)  
*University of Connecticut, Storrs, CT*

- Program Director and faculty in the undergraduate Occupational and Environmental Health and Safety (OEHS) concentration, and post-baccalaureate Occupational Safety and Health (OSH) Certificate Program
- Advise undergraduate and post-bac Allied Health Sciences students
- Provide part-time industrial hygiene expertise to occupational medicine physicians at UCONN Health, Division of Occupational and Environmental Medicine, in support of the CT Department of Labor Occupational Health Clinics Grant (since June 2011)

**Assistant Extension Professor** (12/11/2008 to 5/30/2014)  
*University of Connecticut, Storrs, CT*

- Joint appointment with the Center for Continuing Studies and the Department of Allied Health Sciences
- Occupational Safety and Health Academics Program Director
- Developed curriculum for Bachelor of Professional Studies OSH Concentration
- Developed and instructed classroom and online undergraduate courses in occupational safety and health

**Supervisor/Safety Management Specialist**  
MEMIC Indemnity, *Glastonbury, CT*

- Performed safety and health risk assessments at prospective accounts and provided risk assessment reports to Underwriting to support worker's compensation quotes
- Assisted clients in identifying and mitigating safety and health risks in their operations
- Delivered safety and health training services to clients on a variety of issues such as accident investigation, fire extinguisher training, safety culture enhancement, worker's compensation management, manual material handling, etc.
- Mentored and supervised a safety management specialist

### **Chief of Industrial Hygiene/Chief of Industrial Hygiene and Safety**

General Dynamics Electric Boat Corp., *Groton, CT*

- Developed and oversaw implementation of occupational health and safety programs of a 10,000 employee corporation located at numerous U.S. site locations
- Established and updated policies, procedures and practices to protect personnel from safety, chemical, physical, ergonomic and biological hazards
- Partnered with Production, Facilities, Engineering and R&D organization personnel at all management levels during planning, research and development, manufacturing, construction and overhaul and repair
- Directly interfaced with regulatory authorities on safety and occupational health issues, concerns, notices of alleged hazards, citations and proposed rule-making
- Managed a staff of eight professionals and two administrative support personnel
- Active member of Electric Boat's Corporate Executive Health and Safety Committee and the One Navy Shipyard Health and Safety Team
- Reviewed off-site operations to ensure compliance with Corporate health and safety policies
- Electric Boat lead for interfacing with US Navy shipyard safety and health management personnel

### **Adjunct Faculty**

University of Connecticut, *Storrs, CT*

- Instructor in the Center for Continuing Studies
- Instructed 3-credit undergraduate classroom and online courses in Industrial Hygiene, Ergonomics, Occupational Safety and Health Regulations, Workplace Chemical Safety, Workplace Safety Hazards, Accident Prevention Techniques

### **Corporate Manager of Industrial Hygiene and Safety**

United Technologies Corporation, *Hartford, CT*

- Developed and implemented a corporate-wide strategy to improve global safety, industrial hygiene and environmental performance
- Lead and communicated the corporation's position on emerging health and safety legislation, and coordinated safety and health regulatory compliance matters
- Developed, coordinated and participated in safety, industrial hygiene and environmental education awareness and training programs for business unit management personnel
- Administered a corporate agreement with a national laboratory for corporate industrial hygiene laboratory services

### **Corporate Industrial Hygiene and Safety Consultant**

United Technologies Corporation, *Hartford, CT*

- Initiated and developed an industrial hygiene, safety and environmental protection program for global operations
- Conducted industrial hygiene, safety and environmental protection program reviews at international facilities in Europe, Pacific Rim, Asia, Latin America and North America, and prepared management reports
- Planned, lead and participated in industrial hygiene, safety and environmental protection education and training programs in North America, Asia, Europe and Latin America for international personnel

## **Corporate Senior Industrial Hygienist**

United Technologies Corporation, *Hartford, CT*

- Coordinated and conducted comprehensive industrial hygiene and safety program reviews at diversified U.S. and Canadian manufacturing and construction operations, and prepared management reports
- Performed air sampling for a wide spectrum of contaminants per established OSHA and NIOSH procedures
- Developed and participated in industrial hygiene and safety education and training programs for business unit management personnel
- Performed industrial hygiene chemistry utilizing atomic absorption spectrophotometry (AA), gas chromatography (GC), infrared spectrophotometry (IR), high performance liquid chromatography (HPLC) and wet chemistry
- Managed corporate quality control program of the AIHA-accredited industrial hygiene laboratory

## **Industrial Hygienist, Senior Industrial Hygienist**

General Dynamics Corp. Electric Boat Division, *Groton, CT*.

- Performed comprehensive industrial hygiene and safety reviews to identify hazards and institute control measures
- Performed comprehensive industrial hygiene surveys on diverse operations such as welding, lead bonding, spray painting, solvent use, foundry work, machining, and asbestos inspection and abatement
- Teamed with Engineering to design effective engineering controls for operations that presented potential health concerns
- Implemented the Division Hazard Communication Program
- Performed industrial hygiene chemistry

## **Accreditations**

Certified Industrial Hygienist (CIH) #2617 – since 1983

EPA/State of Connecticut asbestos inspector/management planner (former)

EPA/State of Connecticut asbestos project monitor (former)

## **Professional Memberships**

National American Industrial Hygiene Association (AIHA)

Connecticut River Valley American Industrial Hygiene Association (CRV-AIHA)

Connecticut River Valley American Industrial Hygiene Association (CRV-AIHA) Board of Director (2015-2017)

## **Publications**

Evaluation of the Methods Employed for Determining Exposure to Arc Welding Fume - Master's Thesis

Method for Measuring the Vibration Attenuation Characteristics of Resilient Tool Wrap Materials in a Shipyard Production Environment *AIHA Journal* 58:518-520, July 1997

Clinical Evaluation of Hand-arm-Vibration Syndrome in Shipyard Workers: Sensitivity and Specificity as Compared to Stockholm Classification and Vibrometry Testing *Connecticut Medicine* Volume 62, No. 2: 75-83, February 1998

## **Grants**

Center for Disease Control and Prevention, National Institute for Occupational Safety and Health (NIOSH) Hurricane Sandy Cooperative Agreement 1U010H010627-01 *Recovery from Catastrophic Weather: Mold Exposure and Health-related Training* 9/1/2013 – 9/1/2015, Co-PI

Connecticut Department of Labor Occupational Health Clinics Grant (annual) – administered through UCONN Health, Co-PI since 2014