

Stephen J. Derman, CIH, FAIHA
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CAREER SUMMARY

Expert in occupational health, safety, OSHA interpretations and requirements. Developer and implementer of innovative, best practices applications to risk management, safety & health program management, regulatory, and environmental programs. Leader of successful multidisciplinary teams driving performance based behavioral & organizational improvements. Provider of interpretations of regulatory requirements applicable to multiple environments. Conductor of inspections, surveys, communication & training programs, assisting management, employers, & employees in successfully implementing rules & standards. Developer of solutions for project & product design, management, implementation, safety & stewardship. Advanced expertise on laboratory safety, chemical safety, biological safety, control & hazard banding.

PROFESSIONAL EXPERIENCE

2020 to Present **Environmental Health & Safety Manager** – Palo Alto Research Center (PARC), a Xerox company. Managing EH&S program for prominent research organization. Characteristic hazards include laboratory (chemical, engineering, physical & biological), IH, safety, regulatory interpretations, hazardous materials & waste management, workers compensation, medical surveillance, training, air & water quality, ergonomics, sustainability.

2001 to Present, 1991-2000 **President, Director, Industrial Hygienist** - MediSHARE Environmental Health & Safety Services. Managing environmental health & safety consulting programs for client organizations, emphasizing Biotech & healthcare. Consultative aspects include: management, planning & implementing administrative & engineering controls, risk management, program development, training, workplace & environmental assessments-audits, product testing, workers compensation, safety committees, product stewardship, indoor air quality, ergonomics, toxicology, lab safety, medical surveillance, biosafety, infection prevention, SDSs, respiratory protection, hazardous materials & waste, emergency response, safety engineering & management. Developer of policies & standards, consulting on OSHA, CAL-OSHA, NIOSH, EPA, CMS, Joint Commission, FDA, accreditation, & regulatory activities.

1987 to 1991 **Industrial Hygiene Program Manager** - Stanford University. Imparted leadership to develop & implement effective EH&S staff, industrial hygiene and medical surveillance programs, developed and effected policies and programs pertaining to exposures or potential exposures throughout university, medical center & hospital. Redesigned workers compensation, injury and illness, incident, industrial hygiene, reporting, tracking, and prevention systems. Assigned staff in assessing EH&S activities. Planned and implemented emergency response activities. Incident Commander during Loma Prieta earthquake. Developed & provided training programs. Consultations incorporated: project management, IH, safety engineering, engineering, medical research, integrated systems, composite materials, R&D, laboratories, & facilities. Oversaw all OSHA and CAL-OSHA activities for University, Medical School & Hospital. Managed fume hood/BSC programs. Developed & implemented biological safety programs and Institutional Biosafety Committee participant.

1987 **Safety Coordinator**- Sperry-Honeywell-Unisys Corporations. Provided major electronics firm with specialized expertise in the development and implementation of formal safety and health policies. Revised Divisional Safety and Health Manual incorporating engineering design with applicable regulatory issues. Assessed economic and social impact of accidents on corporate operations. Provided industrial hygiene and safety audits, training.

1986 to 1987 **Industrial Hygiene Primary Consultant** - OSHA AZ State Plan. Coordinated State OSHA industrial hygiene and training program. Acted as primary liaison with legislature, Federal OSHA, governmental agencies, individuals, & trade associations in evaluating & implementing standards. Developed processes to train Federal and State Compliance Safety and Health Officers. Provided input for standard setting processes (e.g. hazard communication, formaldehyde, methylene chloride). Presented speeches and training programs. Performed industrial hygiene and safety surveys.

1984 to 1986 **Industrial Hygienist** - OSHA AZ State Plan. Conducted over 100 industrial hygiene & safety related inspections at industrial and construction establishments assuring compliance with OSHA standards. Evaluated work environments and recommended appropriate control measures. Investigated accidents and incidents.

1982 to 1984 **Technical Assistant** - Risk Management Department, University of Arizona. Analyzed situations relating to industrial hygiene, safety, fire prevention, semiconductor lab safety, hazardous materials and waste, risk management, technical writing, and training.

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LEADERSHIP & PROFESSIONAL ACTIVITIES

Active Participant. Cal-OSHA Standards Board, Health Expert Advisory Committee, 2007 - 2019.
Member. CAL-OSHA Standards Board Feasibility Advisory Committee. 2009 – 2013.
Participant. Cal-OSHA Standards Board, Advisory Committee, Permissible Exposure Limits, 2006-2007.
Presenter & Participant. Cal-OSHA Standards Board, Advisory Committee. Glutaraldehyde, 2004-2005.
Participant. Cal-OSHA Standards Board, Advisory Committee, Sensitizing Agents, 2005-2006.
Leader-Editor. CAL-OSHA Standards Board: Aerosol Transmissible Diseases, Respiratory Protection, & TB. 2004-2012.
Leader. Technical and Feasibility Reviewer. California's Aerosol Transmissible Disease Standard. California Industrial Hygiene Council - American Industrial Hygiene Association. 2008 – 2010.
AIHA Project Team: Healthcare Infection Control 2010-2018.
Technical and Feasibility Reviewer. California's Aerosol Transmissible Disease Standard. Cal-OSHA. 2008 – 2010.
Chair. Task Force on California's Aerosol Transmissible Disease Standard. California Hospital Association, 2008 – 2009.
Editorial Review Board: *Journal of Healthcare Safety*. 2002 – 2005.
Task Force on Healthcare Safety & Health Issues, National Institute for Occupational Safety & Health (NIOSH). 2002.
Team Member: Control Banding of Glutaraldehyde. CDC-NIOSH. 2004 - 2014.
Liaison to American Biological Safety Association on behalf of the American Industrial Hygiene Association.
Course Coordinator. University of California, Center for Occupational and Environmental Health & Northern California Section of American Industrial Hygiene Association.

American Industrial Hygiene Association – Volunteer Activities:

Biological Safety and Environmental Microbiology Committee (Past Chair, Senior & Technical Leader)
Exposure & Control Banding Committee-Working Group (Past Chairman, Senior Leadership)
Northern California Section (Past President, Committee Chair)
Healthcare Working Group/Committee (Past Chairman, Current Senior Leadership)
Mold Project Team. 2017-2020.
Role of an IH During a Pandemic Project Team. 2020.
Editor & Coordinator, NIOSH Response to Request for Information, Priorities. 2014 – 2015
Editor/contributor book/white paper sic. *Biosafety & Infection Control for Industrial Hygiene Professionals*.
Workplace Environmental Exposure (WEEL) Committee/TERA/OARS (Liaison) 2010 - 2016.
American Industrial Hygiene Conference & Exposition – Leadership Activities 2005 - 2019
Session Arranger, Moderator, Auditor, Monitor, Reviewer
American Conference of Governmental Industrial Hygienists. *Bioaerosols* book co-editor. 2019-2020.

NOTABLE CREDENTIALS & AWARDS

Adjunct Faculty. University of Arizona, College of Public Health.
Certified Industrial Hygienist: American Board of Industrial Hygiene.
Leadership Award. American Industrial Hygiene Association. 2019, 2013, 2009.
AIHA Committee/Project Team(s): Biological Safety 2019, Mold Analysis 2019, Healthcare Infection Control 2018, Exposure & Control Banding 2016.
AIHA Fellow Award Recipient. American Industrial Hygiene Association. 2010.
Christine Einert Award Recipient. American Industrial Hygiene Association-Northern California Section. 2014.
Special Recognition Award Recipient by American Industrial Hygiene Association, No. California Section.
Hazardous Waste Operations & Emergency Response: California OES Certified Trainer (HC Receiver Operations Level).

EDUCATION

University of Arizona, Bachelor of Science in Health Sciences: Occupational Safety and Health, Industrial Hygiene and Safety Management Specialties, 1982.
University of Arizona, Bachelor of Science: Microbiology, 1982.

PROFESSIONAL ORGANIZATIONS

American Industrial Hygiene Association, American Society of Safety Professionals (National and Local), American Conference of Governmental Industrial Hygienists, American Biological Safety Association (National & Local), California Industrial Hygiene Council (Executive Board 2012 – 2015), American Society for Healthcare Engineering, Association of Professionals in Infection Control & Prevention.

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PUBLICATIONS and PRESENTATIONS

- Co-Presenter: *New Adventures in Mold*. American Conference of Governmental Industrial Hygienists (Webinar). August 2020.
- Co-Author: *COVID-19 and the Industrial Hygienist*. Am. Industrial Hygiene Association: The Synergist. May 2020.
- Co-Presenter: *Overview of the Chemistry, Uses, and Exposure Assessment of Peracetic Acid*. AIHA (Webinar). April 2019.
- Co-Author: *FAQs About Spore Trap Air Sampling for Mold for Direct Examination*. Am. Industrial Hygiene Association (AIHA). May 2019.
- Moderator: *When Highly Infectious Diseases are Knocking at Your Door*. AIHCE. 2019
- Moderator: *Highly Infectious Diseases of IH and Public Health Significance*. AIHCE. 2018.
- Co-Author: *AIHA Guidelines for Selection & Use of Environmental Surface Disinfectants in Healthcare*. American Journal of Infection Control. 2017.
- Co-Presenter: *AIHA Guidelines for Selection & Use of Environmental Surface Disinfectants in Healthcare*. Assn. for Professionals in Infection Control & Epidemiology. 2017.
- Presenter: *Infectious Diseases are Lurking – Are you Prepared?* Santa Clara County, County-wide Safety Seminar. 2016
- Presenter: *Exposures to Waste Anesthetic Gases – Case Studies During Surgical Procedures*. AIHCE. 2015.
- Co-Presenter: *(Surface) Disinfection for Infection Prevention*. PDC. AIHCE. 2015, 2013, 2012.
- Co-Author: *Occupational Health Hazards of Select High Level Disinfectants & Sterilants*. Am. Biological Safety Association. 2014.
- Presenter: *Working With Hazardous Drugs - An Industrial Hygiene Perspective*. Oncology Nursing Society, SCV Chapter. 2014.
- Co-Author: *Holistic Training. Controlled Environments*. September 2013.
- Presenter: *Lessons Learned from Implementing an Aerosol-Transmissible Disease Standard*. AIHCE. 2013.
- Presenter: *Expanding Role of Social Networks for Environmental Health & Safety*. AIHCE. 2012.
- Presenter: *Best Practices in Healthcare - Control of Aerosolized Transmissible Diseases*. AIHCE. 2011.
- Presenter: *State of the Art Methods for Evaluating & Controlling Exposure to Aerosolized Drugs (sic)*. AIHCE. 2011.
- Presenter: *OSHA's Infectious Disease Standard. Shaping the OSHA Standard Based on California's Experience*. American Biological Safety Association - Biological Safety Affairs Forum. 2010.
- Co-Presenter: *H1N1 and Pandemic Planning: The Role of Occupational Health Professional*. AIHCE. 2010.
- Presenter, Coordinator: *Perspectives on California's Aerosol Transmissible Disease Standards*. University of California, Center for Occupational & Environmental Health with AIHA Northern California Section. 2010.
- Primary Author & Technical Contact: *Position Statement. H1N1, Aerosolized Transmissible Diseases*. American Industrial Hygiene Association. AIHA. 2009.
- Presenter: *Implementing Respiratory Protection Programs at Healthcare Facilities*. University of California, Center for Occupational & Environmental Health. 2009.
- Presenter: *Airborne Transmissible Diseases–Potential Implications of California's Proposed Standard in the State & Beyond*. AIHCE. 2009.
- Co-Presenter: *Tiger Team: Optimal Risk Management and Sustainable Production of a Medical Device*. AIHCE. 2009, and AIHA-Southern California/Orange County- ASSE Joint Technical Symposium. 2009.
- Presenter: *Airborne Transmissible Diseases, A Review of the CAL-OSHA Standard- Implications & Applications*. Biological Safety Affairs Forum (American Biological Safety Association). 2008.
- Presenter: *Orthophthaldehyde, A Toxicological, Sampling, and Research Update*. AIHCE. 2008.
- Presenter: *Glutaraldehyde and Orthophthaldehyde – A State of the Art Update*. AIHCE. 2007.
- Presenter: *Building an Operating Room – Planning, Design, Regulations, Costs*. Association of Operating Room Nurses, San Francisco Bay Chapter. 2007.
- Co-Editor: *Working Safely with Glutaraldehyde, a Guide for Health Care Workers* (DVD/Video). CDC-NIOSH. 2008.
- Author: "Ventilation for Infectious Diseases in Healthcare" (Ch. 9), in *Emerging Infectious Diseases & the Threat to Public Health*. 2006.
- Presenter: *Development and Implementation of an Updated Glutaraldehyde Sampling & Analytical Method*, British Occupational Hygiene Society. 2005.
- Co-Author & Presenter: *A Proposed Training Program for the Safe Application of Disinfectants in the Health Care Sector – Case Study for Glutaraldehyde*, British Occupational Hygiene Society. 2005.
- Co-Author & Presenter: *The Development of Practical Guidance Documents for Controlling Exposure to Glutaraldehyde in Health Care Applications*. British Occupational Health Society. 2004.
- Co-Editor: With NIOSH: Control Guidance Sheet 406: *Endoscopy Suite Architectural Design*. 2007-14.
- Co-Editor: With NIOSH: Control Guidance Sheet 401: *Automated Endoscope Reprocessor*. 2007-14.
- Co-Editor: With NIOSH: Control Guidance Sheet 407: *Personal Protective Equipment*. 2007-14.
- Co-Editor: With NIOSH: Control Guidance Sheet 403: *Manual Endoscope Reprocessing*. 2007-14.
- Co-Editor: With NIOSH: Control Guidance Sheet 404: *Glutaraldehyde & Orthophthaldehyde Spill Containment & Clean-up*. 2007-14.
- Co-Editor: With NIOSH: Control Guidance Sheet 405: *Vapor Containment During Liquid Transfer in Endoscope Reprocessing*. 2007-14.
- Co-Author: *Glutaraldehyde Air Sampling Strategies and Implications in Assorted Healthcare Sectors* (simile). Papers and presentations in development for NIOSH. Pending. 2007-14.
- Presenter: *Development and Implementation of an Updated Glutaraldehyde Analytical Method*. AIHCE. 2002.
- Author: *Occupational Noise Hazards to Engineers Working in Proximity to Generators*. *Journal of Healthcare Safety, Compliance & Infection Control*. November 1999.
- Author: *Health Hazards of Anesthetic Agents - Case Studies*. *Journal of Healthcare Safety, Compliance, & Infection Control*. Nov. 1998.
- Lecturer: Ergonomics in the Health Care Industries.
- Lecturer: Developing and Implementing a Risk Management & Safety Program. CA Healthcare/Hospital Association. 1992-1995
- Lecturer: Safety and Health Issues in Health Care Institutions. CA Healthcare/Hospital Association. 1992-1995.
- Lecturer: *Hazardous Materials Management in Hospitals & Emergency Rooms*. Am. Assn. of Poison Control Centers. ~1990.

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Peer Reviewer

- *Effect of Taping Inner Gloves to Isolation Gown Sleeves on Self-Contamination: A Randomized Crossover Trial.* Journal of Occupational & Environmental Health, American Industrial Hygiene Association. May 2020.
- *Ventilation in the Era of SARS – COVID19.* For Journal of Occupational & Environmental Health, American Industrial Hygiene Association. May 2020.
- *Respiratory Protection Programs for Aerosol-Transmissible Diseases in Acute Care Hospitals.* For Journal of Occupational and Environmental Health, American Industrial Hygiene Association. 2014.
- *Hazard Recognition & Control in Institutional Settings - Hospitals, Universities, & Nursing Homes.* For American Society of Safety Engineers. 2009.
- *Best Practices for the Safe Use of Glutaraldehyde in Health Care.* OSHA. 2007-09.