

Martin A. Cohen

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Education

1983 Purdue University, W. Lafayette, IN
B.S. in Environmental Health
1985 Harvard University, School of Public Health, Boston, MA
S.M. in Air Pollution Control
1990 Harvard University, School of Public Health, Boston, MA
Sc.D. in Exposure Assessment

Licensure

Since 1992 Certified Industrial Hygienist (C.I.H.) #5498
Since 2009 Certified Safety Professional (C.S.P.) #20840

Professional Positions

1/90-8/94 Sr. Scientist, Environmental Health & Engineering, Inc.
7/94-7/04 Industrial Hygienist, Washington State, Dept. of Labor & Industries
7/04-8/07 Research Scientist, University of Washington, Dept. of Environmental and Occupational Health Sciences
7/08-11/12 Research Industrial Hygienist, University of Washington, Dept. of Environmental and Occupational Health Sciences
5/12-present Director, Field Research and Consultation Group, University of Washington, Dept. of Environmental and Occupational Health Sciences
12/12-present Sr. Lecturer, University of Washington, Dept. of Environmental and Occupational Health Sciences
9/14-present Assistant Chair for Stakeholder Engagement, Dept. of Environmental and Occupational Health Sciences

Honors, Awards, Scholarships

1988-89 Switzer Scholarship
2014 Outstanding Faculty Mentor Award, Dept. of Environmental and Occupational Health Sciences

Outside Professional Activities

1983-1996 Air and Waste Management Association (APCA)
1987- Present American Conference of Governmental Industrial Hygienists (ACGIH)

1989-Present American Chemical Society (ACS)
1992-Present American Industrial Hygiene Association (AIHA)
1992-Present Pacific Northwest Section of the AIHA (PNS-AIHA)
2010-2012 PNS-AIHA, Director

Bibliography

Refereed research articles

1. W.A. Turner, **M.A. Cohen**, S. Moore, J.D. Spengler, and P.H. Hackett, "Carbon Monoxide Exposures in Mountaineers on Denali", *Alaska Medicine*, pp 85-90, May/June 1988.
2. **M.A. Cohen** and P.B. Ryan, "Observations Less than the Analytical Limit of Detection: a New Approach", *J. Air Poll. Contr. Assoc.* Vol. 39, No. 3, pp 328-329, March 1989.
3. **M.A. Cohen**, P.B. Ryan, Y. Yanagisawa, J.D. Spengler, H. Ozkaynak, and P.S. Epstein, "Indoor/Outdoor Measurements of Volatile Organic Compounds in the Kanawha Valley of West Virginia", *JAPCA*, J. of Air & Waste Management Assoc., August 1989.
4. **M.A. Cohen**, P.B. Ryan, Y. Yanagisawa, and S.K. Hammond, "The validation of a Passive Sampler for Indoor and Outdoor Concentrations of Volatile Organic Compounds", *J. Air & Waste Mgmt. Assoc.*, Vol. 40, pp 993-997, July, 1990.
5. **M.A. Cohen**, P.B. Ryan, J.D. Spengler, H. Ozkaynak, and C. Hayes, "Source Receptor Study of Volatile Organic Compounds and Particulate Matter in the Kanawha Valley, WV, Part II: Analysis of Factors Contributing to VOC and Particle Exposures", *Atmospheric Environ.*, Vol. 25B, No. 1, pp 95-107, 1991.
6. **M.A. Cohen**, P.B. Ryan, J.D. Spengler, H. Ozkaynak, and C. Hayes, "Source Receptor Study of Volatile Organic Compounds and Particulate Matter in the Kanawha Valley, WV, Part I: Methods and Descriptive Statistics", *Atmospheric Environ.*, Vol. 25B, No. 1, pp 79-93, 1991.
7. **M.A. Cohen** and M.R. Cotey, "The use of a Hand-Held Pen computer for Field Data Entry", *Appl. Occup. Environ. Hyg.*, Vol 12, No. 12, pp. 792-796, December 1997.
8. J.D. Kaufman, **M.A. Cohen**, S.R. Sama, J.W. Shields, J. Kalat, "Occupational Skin Diseases in Washington State, 1989 through 1993: Using Workers' Compensation Data to Identify Cutaneous Hazards", *Am. J. of Pub. Hlth.*, Vol. 88, No. 7, pp.1047-1051, July 1998.
9. S. Bao, B. Silverstein, **M. Cohen**, "An Electromyography Study in Three High Risk Poultry Processing Jobs", *Int. J. of Industrial Ergo* 27 (2001) 375-385.
10. N.S. Seixas, **M.A. Cohen**, B. Zevenbergen, M. Cotey, S. Carter, J. Kaufman, "Urinary Fluoride as an Exposure Index in Aluminum Smelting", *AIHAJ*, Vol 61, pp 89-94, Jan/Feb 2000.
11. **M.A. Cohen** and J.D. Kaufman, "Latex Sensitivity in Washington State Acute Care Hospitals: A Needs Assessment and Survey of Awareness of the Issues", *Am. Assoc. of Occup. Hlth. Nursing J.* Vol. 48, No. 6, June, 2000.
12. J. Baggs, **M. Cohen**, J. Kalat, B. Silverstein, "Pneumatic Nailer Injuries: A Report on Washington State 1990-1998" *Prof. Safety* pp 33-38, Jan 2001.
13. C. Marino and **M. Cohen**, "Washington state hospital survey 2000: Gloves, handwashing agents, and moisturizers" *Am. J. Inf. Control*, vol 29, December 2001.
14. Daniell WE, Fulton-Kehoe D, **Cohen M**, Swan SS, Franklin GM. "Increased reporting of occupational hearing loss: workers' compensation in Washington State, 1984-1998". *Am J Ind Med.* 2002 Dec;42(6):502-10.
15. **Cohen MA**, Cannon C, Silverstein B, "Safety in the food processing industry: An observational assessment of hazards from the state of Washington". *Prof. Safety.* 2003 Nov; 20-30.
16. Howard NL, Spielholz P, **Cohen MA**, Silverstein B., "Self-reported musculoskeletal symptoms and observed risk factors in bareroot tree nurseries". *J Agric Saf Health.* 2005 Feb;11(1):19-33.
17. Daniell WE, Swan SS, McDaniel MM, Camp JE, **Cohen MA**, Stebbins JG., "Noise exposure and hearing loss prevention programmes after 20 years of regulations in the United States." *Occup*

- Environ Med. 2006 May;63(5):343-51. Epub 2006 Mar 21. Erratum in: *Occup Environ Med.* 2006 Jun;63(6):436.
18. **Cohen MA**, Clark RE, Silverstein B, Sjoström T and Spielholz P, “Work-related deaths in Washington State, 1998-2002”, *J. of Safety Res.*, Volume 37, Issue 3, 2006, Pages 307-319.
 19. Poplawski K, Gould, T, Setton E, Allen R, Su J, Larson T, Henderson S, Brauer M, Hystad P, Lightowlers C, Keller P, **Cohen M**, Silva C, and Buzzelli M, “Intercity transferability of land use regression models for estimating ambient concentrations of nitrogen dioxide”, *J of Exp. Sci. and Env. Epi.* (2009) 19, 107–117
 20. Allen RW, Davies H, **Cohen MA**, Mallach G, Kaufman JD, and Adar SD., “The spatial relationship between traffic-generated air pollution and noise in 2 US cities.” *Environ Res.* 2009 Apr;109(3):334-42.
 21. Su J, Larson T, Gould T, **Cohen M**, and Buzzelli M, “Transboundary air pollution and environmental justice: Vancouver and Seattle compared”, *GeoJournal*, Published online - 6 March 2009.
 22. **Cohen MA**, Adar SD, Allen RW, Avol E, Curl CL, Gould T, Hardie D, Ho A, Kinney P, Larson TV, Sampson P, Sheppard L, Stukovsky KD, Swan SS, Liu LJ, Kaufman JD., “Approach to estimating participant pollutant exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air)”, *Environ Sci Technol.* 2009 Jul 1;43(13):4687-93.
 23. Stevens E, **Cohen M**, Spielholz P., Optical properties of plane and convex mirrors: investigation of mirror use to enhance construction flagger safety, *Int J Occup Saf Ergon.* 2009;15(1):89-100.
 24. Allen RW, Adar SD, Avol E, **Cohen M**, Curl C, Larson T, Liu S, Sheppard L, and Kaufman J, “Modeling the Residential Infiltration of Outdoor PM_{2.5} in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air)”, *Env. Health Persp.*, 2012 Jun;120(6):824-30.
 25. Kaufman J, Adar S, Allen R, Barr RG, Budoff M, Burke G, Casillas A, **Cohen M**, Curl C, Daviglius M, Diez Roux A, Jacobs D, Kronmal R, Larson T, Liu SLJ, Lumley T, Navas-Acien A, O’Leary D, Rotter J, Sampson P, Sheppard L, Siscovick D, Stein J, Szpiro A, Tracy R, “Prospective Study of Particulate Air Pollution Exposures, Subclinical Atherosclerosis, and Clinical Cardiovascular Disease. The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air)”, *Am. J. of Epidem.*, 2012 Nov 1;176(9):825-37.
 26. Allen RW, Adar SD, Avol E, **Cohen M**, Curl C, Larson T, Liu S, Sheppard L, and Kaufman J, “Modeling the Residential Infiltration of Outdoor PM_{2.5} in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air)”, *Env. Health Persp.*, 2012 Jun;120(6):824-30.
 27. Spalt EW, Curl CL, Allen RW, **Cohen M**, Williams K, Hirsch JA, Adar SD and Kaufman JD, “Factors influencing time-location patterns and their impact on estimates of exposure: the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air)”, *J Expo Sci Environ Epidemiol* advance online publication, April 29, 2015.
 28. Spalt EW, Curl CL, Allen RW, Cohen M, Adar SD, Stukovsky KH, Avol E, Castro-Diehl C, Nunn C, Mancera-Cuevas K and Kaufman JD, “Time–location patterns of a diverse population of older adults: the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air)”, *J Expo Sci Environ Epidemiol* advance online publication, April 29, 2015.

Books and book chapters

1. J.D. Spengler and **M.A. Cohen**, "Emissions from Indoor Combustion Sources", pp 261-278, *Indoor Air and Human Health*, R.B. Gammage and S.V. Kaye, Eds., Lewis Publishing Co. Chelsea, MI, 1985.

Other non-refereed published scholarly publications

1. **M.A. Cohen**, "A Predictive Assessment of Air Pollution Exposures to Campers Using Stoves and Lanterns Inside of Tents", *Transaction of Indoor Air Quality in Cold Climates; Hazards and Abatement Measures*, pp 267-271, Douglas Walkinshaw, Ed., Air Pollution Control Assoc., Chelsea, MI, 1985.

2. A.R. Hawthorne, C.S. Dudney, R.L. Tyndall, T.Vo-Dinh, **M.A. Cohen**, J.D. Spengler, and J.P. Harper, "Case Study: Multipollutant Indoor Air Quality Study of 300 Homes in Kingston/Harriman, Tennessee", case study presented at ASTM Symposium on Design and Protocol for Monitoring Indoor Air Quality, Cincinnati, OH, April 26-29, 1987, Special Technical Publication (STP 1002).
3. A.R. Hawthorne, C.S. Dudney, **M.A. Cohen**, and J.D. Spengler, "Participant Evaluation Results for Two Indoor Air Quality Studies", Proceedings from the Air Pollution Control Association's Annual Meeting, paper 87-83, New York, New York, June 1987.
4. C.S. Dudney, A.R. Hawthorne, L.A. Bull, **M.A. Cohen**, C.R. Daffron, C.T. Orebaugh, and J.P. Harper, "Radon Levels in 300 Houses in Roane County Tennessee", Indoor Air 1987, The 4th International Conference on Indoor Air Quality and Climate, Berlin, W. Germany, August 17-21, 1987.
5. C.S. Dudney, A.R. Hawthorne, K.P. Monar, **M.A. Cohen**, and J.D. Spengler, "Impact of Kerosene Heater Usage on Indoor NO₂ Exposures in 50 East Tennessee Homes", Proceedings from the Air Pollution Control Association's Specialty Conference on Combustion Products and the Quality of the Indoor Environment, Niagara Falls, NY, September 27-29, 1988.
6. "Indoor Air Quality in 300 homes in Kingston/Harriman, Tennessee", A.R. Hawthorne, C.S. Dudney, T.E. Aldrich, R.L. Tyndall, T. Vo-Dinh, T.G. Matthews, M. Uziel, C. Daffron, **M.A. Cohen**, L.A. Bull, C.B. Hamilton, D.A. White, C.T. Orebaugh, R. Jernigan, G.H. Miller, D.L. Wilson, K. Ironsides, R.E. Meyer, K.P. Monar, and T.H. Newport, Health and Safety Research Division, Oak Ridge National Laboratory, Oak Ridge, TN, Contract No. DE-ACO5-84OR21400, Document No. ORNL-6401, July 1988.
7. "Report on Ambient Exposures to Volatile Organic Compounds in the Kanawha Valley", by N. Sullivan, H. Ozkaynak, J. Ware, **M. Cohen**, P.B. Ryan, and J.D. Spengler, submitted to the National Institute for Chemical Studies, Jan. 1989.
8. P.S. Epstein, P.R. Morey, H. Ozkaynak, **M.A. Cohen**, and P.B. Ryan, "Experience Using Passive Monitors to Measure Volatile Organics During Indoor and Ambient Air Quality Surveys", proceedings of the 5th International Conference on Indoor Air Quality and Climate, Toronto, Canada, July, 1990.
9. M. Brauer and **M. Cohen**, "Measuring Exposure to Particles: Size-Selective Sampling", Occupational Health & Safety Canada, July/August 1993.
10. Environmental and Physiologic Measures of Heat Stress in an Aluminum Reduction Facility, WA State Dept. of Labor & Industries, SHARP Program, 1994, 29-5-1994
11. Exposure Assessment Among Residential Painters Occupationally Exposed to Lead, WA State Dept. of Labor & Industries, SHARP Program, 1995, 37-1-1995
12. SENSOR Dermatitis Project in Washington State. January 1997, WA State Dept. of Labor & Industries, SHARP Program, 1997, 36-2-1997
13. Work-Related Skin Disorders in Washington State, 1993-1997, WA State Dept. of Labor & Industries, SHARP Program, 1998, 36-4-1998
14. Skid-steer Loaders; FACE Fatal Facts, WA State Dept. of Labor & Industries, SHARP Program, 1998, 47-1-1998
15. Occupational Skin Disorders: A Survey of Health Care Providers, WA State Dept. of Labor & Industries, SHARP Program, 1998, 48-1-1998
16. Sawmill Unscrambler Operator, WA State Dept. of Labor & Industries, SHARP Program, 1998, 52-1-1998
17. SENSOR Dermatitis Project in Washington State, WA State Dept. of Labor & Industries, SHARP Program, 1999, 36-5-1999
18. Tree Faller Struck by Tree, WA State Dept. of Labor & Industries, SHARP Program, 1999, 52-2-1999
19. Night Foreman Killed After Falling From a Hay De-Stacker, WA State Dept. of Labor & Industries, SHARP Program, 1999, 52-3-1999

20. A Guide to Preventing Dermatitis while Working with Advanced Composite Materials, WA State Dept. of Labor & Industries, SHARP Program, 1999, 55-3-1999
21. A Short Guide to Preventing Dermatitis while Working with Prepreg Advanced Composite Materials, WA State Dept. of Labor & Industries, SHARP Program, 1999, 55-4-1999
22. Work-Related Traumatic Head and Brain Injuries in Washington State, 1990-1997, WA State Dept. of Labor & Industries, SHARP Program, 1999, 57-1-1999
23. Latex Sensitivity in Washington State Acute Care Hospitals: A Needs Assessment and Survey of Awareness of the Issues, WA State Dept. of Labor & Industries, SHARP Program, 1999, 58-1-1999
24. Pneumatic Nailer ("Nail Gun") Injuries in Washington State, 1990-1998, WA State Dept. of Labor & Industries, SHARP Program, 1999, 59-1-1999
25. Preventing Lead Poisoning in Radiator Repair Work: For Owners and Managers of Radiator Repair Businesses, WA State Dept. of Labor & Industries, SHARP Program, 2000, 17-10-2000
26. Lead hazards at indoor firing ranges, WA State Dept. of Labor & Industries, SHARP Program, 2000, 51-1-2000
27. Construction Contractor Killed by Fall From Ladder, WA State Dept. of Labor & Industries, SHARP Program, 2000, 52-4-2000
28. Cedar Salvage Logger Killed When Struck by Falling Cedar Blocks, WA State Dept. of Labor & Industries, SHARP Program, 2000, 52-5-2000
29. Protecting Yourself and Your Workers from Poison Oak and Ivy (in English and Spanish), WA State Dept. of Labor & Industries, SHARP Program, 2000, 63-1-2000
30. Poison Oak Poster. Learn to recognize poison oak in every season (presented in English and Spanish). , WA State Dept. of Labor & Industries, SHARP Program, 2000, 63-2-2000
31. Work-Related Skin Disorders, Risk Factors and Prevention: A Survey of Agricultural Employers in Washington State, WA State Dept. of Labor & Industries, SHARP Program, 2000, 63-3-2000
32. A Sixteen Year-old Farm Worker was Killed While Driving a Tractor Pulling a Hay Baler on a Public Roadway, WA State Dept. of Labor & Industries, SHARP Program, 2001, 52-6-2001
33. **Cohen, M.** and Sjostrom, T., "It didn't have to Happen: Safety Lessons From a Window Cleaner's Death", American Window Cleaner, pp 28-30, May-June, 2002.
34. Connon, C. and **Cohen, M.** "Steps Can be Taken to Prevent Slips in your Plant", Food Production/Management, pp 8-9, June 2002.
35. Preventing Lead Poisoning in Scrap Metal Recycling, WA State Dept. of Labor & Industries, SHARP Program, 2002, 17-11-2002
36. Drowning Dangers on Agricultural Lands; FACE Fatal Facts, WA State Dept. of Labor & Industries, SHARP Program, 2002, 47-2-2002
37. Construction Worker Struck and Killed by Car; FACE Fatal Facts, WA State Dept. of Labor & Industries, SHARP Program, 2002, 47-3-2002
38. A Fifteen Year-old Worker was Killed After he Fell From the Roof of a Building While Helping Wash its Windows, WA State Dept. of Labor & Industries, SHARP Program, 2002, 52-7-2002
39. Flagger Killed When Struck by Dump Truck, WA State Dept. of Labor & Industries, SHARP Program, 2002, 52-8-2002
40. Sjostrom, T., Connon, C., and **Cohen, M.**, "Machine guarding in food processing facilities", Food Production/Management, vol 125-12, June 2003, p 8.
41. Hazards on the Road for Log Truck Drivers, WA State Dept. of Labor & Industries, SHARP Program, 2003, 47-4-2003
42. Logger Killed by Log, WA State Dept. of Labor & Industries, SHARP Program, 2003, 52-9-2003
43. Lineman Killed After Being Struck by a Car in Washington State, WA State Dept. of Labor & Industries, SHARP Program, 2003, 52-10-2003
44. Radiator Hose on Truck Ruptures Killing Worker; FACE Fatal Facts, WA State Dept. of Labor & Industries, SHARP Program, 2004, 47-6-2004
45. Roadway Work Zones: Hazards to Workers on Foot; FACE Fatal Facts, WA State Dept. of Labor & Industries, SHARP Program, 2004, 47-7-2004

46. City Worker Killed When Struck by a Dump Truck in Washington State, WA State Dept. of Labor & Industries, SHARP Program, 2004, 52-11-2004
47. Temporary Worker Killed when Caught in Machinery at a Bottling Plant in Washington State, WA State Dept. of Labor & Industries, SHARP Program, 2004, 52-12-2004

Conferences and Symposiums

- "A Predictive Assessment of Air Pollution Exposures to Campers Using Stoves and Lanterns Inside of Tents", Presented at the Air Pollution Control Association Specialty Conference on Indoor Air Quality in Cold Climates; Hazards and Abatement Measures", Ottawa, Canada, May 1985.
- "The 200 Home Study in Kingston/Harriman, Tennessee", presented at the Southern Region meeting of the Air Pollution Control Association, Chattanooga, TN, March, 1986.
- "The Indoor/Outdoor Air Quality Study in the Kanawha Valley", presented at the June Workshop of the Harvard University/National Institute of Chemical Studies Air Pollution Study, Charleston, WV, June, 1987.
- M.A. Cohen, P.B. Ryan, Y. Yanagisawa, J.D. Spengler, H. Ozkaynak, and P.S. Epstein, "Indoor/Outdoor Measurements of Volatile Organic Compounds in the Kanawha Valley of West Virginia", Presented at the Air Pollution Control Association's Annual Meeting, Dallas, TX, June 20-24, 1988.
- "Indoor Air Pollution" presented at the Farmer's Home Administration Seminar on Multi-Family Housing, South Portland, ME, Nov. 5, 1991.
- "Indoor Air Quality and Volatile Organic Compounds", presented at the Mid-Annual Meeting of the Chemical Specialties Manufacturing Assoc., Chicago, IL, April 26-29, 1992.
- "Carbon Dioxide Monitoring as a Surrogate", presented at the 1993 Alberta Health Indoor Air Quality Course, Calgary, Alberta, Feb. 8-12, 1993
- "Volatile Organic Hydrocarbons and Indoor Air Quality Investigations", presented at the 1993 Alberta Health Indoor Air Quality Course, Calgary, Alberta, Feb. 8-12, 1993
- "Orientation to Indoor Air Quality" US EPA course, presented parts of sections 2, 3, & 4, in Olympia, WA on September 22 and 23, 1993.
- "Building Air Quality" US EPA course presented in Portland, OR and Seattle, WA, September 17 and 23, 1993.
- "Lead in Paint and the Painter", Washington State Council of the Painting and Decorating Contractors of America - Annual State Convention, Port Ludlow, WA January 20, 1995.
- "Surveillance of Occupational Dermatitis in Washington State", Pacific Northwest Section of the American Industrial Hygiene Association, Spring Symposium, Olympia, WA April 7, 1995.
- "The Use of a Hand-Held Computer for Field Data Entry", Northwest Occupational Health Conference, Seattle, WA, October, 1996.
- "The Use of a Hand-Held Computer for Field Data Entry", American Industrial Hygiene Conference and Exposition, Dallas, TX, May, 1997.
- "Latex Allergy Awareness and Needs Assessment Survey in Acute Care Hospitals in Washington State", American Industrial Hygiene Conference and Exposition, Dallas, TX, May, 1997.
- "Exposure Assessment in the Aluminum Potroom", University of British Columbia, Occupational Hygiene Program Seminar, Vancouver, British Columbia, February, 1997.
- "Latex Allergies in Washington State", NW Center for Occupational Health and Safety short course, Occupational Hazards to Health Care Workers, Seattle, WA, April, 1998.
- "Lead in Construction", NW Center for Occupational Health and Safety short course, Construction Safety and Health Update, Seattle, WA, February, 1998.

- "Observational Exposure Assessment: The Amount of Data Required to Estimate an Underlying Distribution", American Industrial Hygiene Conference and Exposition, Atlanta, GA, May, 1998.
- "The Washington State Fatality Assessment and Control Evaluation (FACE) Program", Annual Meeting of University of Washington and University of British Columbia Health and Safety Researchers, White Rock, British Columbia, January 1999.
- "The Washington State SENSOR Dermatitis Program", Dermatitis Interest Group Symposium, Jun 1-2, 2000, Cincinnati, OH.
- "Surveillance Systems for Work-Related Dermatitis", Annual CSTE/SENSOR/SBLES meeting, June 18-22, 2000, New Orleans.
- "Real-time PM and SO₂ exposures and their determinants for primary Al production potroom workers", American Industrial Hygiene Conference and Exposition, New Orleans, LA, May, 2001.
- "The WA State Fatality Assessment and Control Evaluation (FACE) Program", The Washington State Governor's Safety and Health Conference, Seattle, WA, September, 2001.
- "Outreach/Intervention Activities for Dermatitis in Various Washington Industries" Pacific Northwest Occupational Health Conference, Seaside, OR, October, 2001.
- "Occupational Hazards to Healthcare Workers, Seattle, WA: Skin Moisturizer Practices in WA Hospitals", NW Center for Occupational Health and Safety short course, Occupational Hazards to Health Care Workers, Seattle, WA, Sept. 2002.
- "Preventing occupational fatalities in Washington State", Oregon Governor's Occupational Safety & Health Conference, Portland, OR, March, 2003.
- "A Real-Time Particulate and Video Assessment of Welding Exposures and Controls", Pacific Northwest Section of the American Industrial Hygiene Association, Spring Symposium, Olympia, WA, April 2004
- "Fatalities in construction – Spreading the word", Council of State and Territorial Epidemiologists annual meeting, Boise, ID, June 2004.
- "Design of a major prospective cohort study of air pollution and atherosclerosis (MESA Air)", International Society of Exposure Analysis, Tucson, AZ, October 2005.
- OSHA 521 Guide to Industrial Hygiene: Teaches sessions on Ergonomics, Respiratory Protection, Welding, Toxicology for Industrial Hygienists, Engineering Controls, Direct Reading Instrumentation, and a Hands-on Ventilation Laboratory, 2-3 times annually, 2008-present.
- Nanoparticles: Occupational Health Exposure Assessment and Control, Boeing Corp, Everett, WA, July, 2008.
- Toxics Reduction, Seattle Public Utilities Drainage field staff, Seattle, WA, July, 2008.
- Smoking in cars: A visual demonstration showing a passenger's exposure, WA State legislature and media, Olympia, WA, February, 2008.
- "Video Exposure Monitoring in a Training Video on the Hazard of Hexavalent Chromium in Welding", American Industrial Hygiene Conference and Exhibition 2010, Denver, CO, May 2010.
- "Inside of a Fishing Vessel's Fuel Tank: Count the Hazards", American Industrial Hygiene Conference and Exhibition 2011, Portland, OR, May 2011.
- "Using Video Exposure Monitoring to show what works and what doesn't", American Public Health Association Annual Meeting, Washington DC, October 2011.
- Organizing Symposium: "Is There Still Industrial in Industrial Hygiene?", PNS-AIHA, May 1, 2012, Lacey, WA.
- "Ventilation Systems", Division of Occupational Safety and Health (DOSH) Symposium, May 16, 2012, Wenatchee, WA.
- "The use of Video Exposure Monitoring in a Training Video to Motivate Fit-Testing and the Appropriate use of Healthcare N95 Respirators", AIHce, May 22, 2013, Montreal, CA.
- "Industrial Hygiene in Tunnels", DEOHS Continuing Education, May 30, 2013, Seattle, WA.
- "Exposure Monitoring for the Port of Seattle", Port of Seattle, Aug, 12, 2013, Seatac, WA.

- “The use of Video Exposure Monitoring in a Training Video to Motivate Fit-Testing and the Appropriate use of Healthcare N95 Respirators”, Pacific Northwest Section of the AIHA Northwest Occupational Health Conference (NOHC), Oct. 10, 2013, Seaside, OR.
- “Hexavalent Chromium Exposure Controls: Best Practices for Welders”, BC Yukon AIHA, March 13, 2104, Vancouver, BC. “Silica in Construction”, WA Division of Occupational Safety and Health Symposium, Wenatchee, WA, May 20, 2014
- “Reducing Workers’ Exposures to Chemicals and Dust in Nail Salons Using Local Exhaust Ventilation Systems”, Pacific Northwest Section of the American Industrial Hygiene Association – Northwest Occupational Health Conference, Richland, WA, Oct 16, 2014
- “Reducing Workers’ Exposures to Chemicals and Dust in Nail Salons Using Local Exhaust Ventilation Systems”, Healthy Nails Webinar, Feb 3, 2015