

CURRICULUM VITAE

Lisa M. Brosseau, ScD, CIH, AFOH

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https://www.researchgate.net/profile/Lisa_Brosseau

<https://www.linkedin.com/in/lisabrosseau/>

<https://www.lisabrosseau.com/>

Education

Institution	Degree	Date	Field
Harvard University	Sc.D.	1989	Environmental Health Sciences Industrial Hygiene
Harvard University	M.S.	1983	Environmental Health Sciences Industrial Hygiene
Wellesley College	B.A.	1980	Environmental Sciences

Dissertation

Measurement and Prediction of Aerosol Collection by Dust/Mist Respirators, Harvard University, School of Public Health, Boston, MA 02115, March 31, 1989.

Professional Certification

Industrial Hygienist in Training, American Board of Industrial Hygiene, 1984

Certified Industrial Hygienist, American Board of Industrial Hygiene, 1990, #4840

Associate Faculty of Occupational Hygiene, British Occupational Hygiene Society, 2012

Professional Experience

2013-2018	Professor; Division of Environmental and Occupational Health Sciences, University of Chicago Illinois, School of Public Health, Chicago IL
2015-2018	Director, Illinois Education and Research Center Director, Industrial Hygiene Program
2016-2018	Director, Center for Healthy Work
2012-2013	Professor; Division of Environmental Health Sciences, University of Minnesota, School of Public Health, Minneapolis MN Member, Graduate School Faculty
1998-2012	Associate Professor; Division of Environmental Health Sciences, University of Minnesota, School of Public Health; Minneapolis MN Member, Graduate School Faculty
1998-2004	Director, Industrial Hygiene and Hazardous Substances Programs
2004-2007	Deputy Director, Midwest Center for Occupational Health and Safety Co-Director, Industrial Hygiene and Hazardous Substances Programs

2008-2012	Public Health Specialist, Office of Occupational Health and Safety, Academic Health Center
1991-1998	Assistant Professor; Division of Environmental and Occupational Health, University of Minnesota; School of Public Health, Minneapolis MN
1989-1990	Postdoctoral Research Fellow; Department of Environmental Medicine, New York University Medical Center, Institute of Environmental Medicine; Tuxedo, NY
1985-1989	Research Assistant in Industrial Hygiene; Department of Environmental Science and Physiology, Harvard University, School of Public Health; Boston, MA
1984-1989	Teaching Fellow in Industrial Hygiene; Department of Environmental Science and Physiology, Harvard University, School of Public Health; Boston, MA
Spring, 1986	Visiting Lecturer; Department of Civil Engineering, Tufts University; Medford, MA
1984-1985	Industrial Hygiene Intern; Department of Environmental Health and Safety, Harvard University; Cambridge, MA
1982-1983	National Accounts Coordinator; Loss Control Department, American Mutual Insurance Companies; Wakefield, MA
1980-1982	Loss Control Consultant; Loss Control Department, American Mutual Insurance Companies; Wakefield, MA

Professional Activities

Professional Conferences and Workshops Arranged

Roundtable Arranger, "Aerosols in the Healthcare Industries," American Industrial Hygiene Conference, Salt Lake City, UT, May 1991

Co-Arranger, Professional Development Course, American Industrial Hygiene Association, Upper Midwest Section, 2007 (Emerging and Re-Emerging Diseases and Their Impact on Occupational Health)

Arranger, National Occupational Research Agenda Symposium, University of Minnesota, Midwest Center for Occupational Safety and Health, 2007 (Research to Practice)

Program Co-Chair, American Industrial Hygiene Conference and Exhibition, 2010

Journals

Editorial Review Board, Member

American Industrial Hygiene Association Journal, 1992 to 1998

Journal of Occupational and Environmental Hygiene, 2005 to present

Journal of Occupational Safety and Health, Taiwan Institute for Safety and Health, 2010 to present
American Journal of Infection Control, 2016-present

Assistant Editor

Annals of Occupational Hygiene, 2011-2016

Annals of Work Exposures and Health, 2016 – present [previously *Annals of Occupational Hygiene*]

Peer Reviewer for:

Aerosol Science and Technology

American Industrial Hygiene Association Journal

American Journal of Industrial Medicine

American Journal of Infection Control

American Journal of Respiratory and Critical Care Medicine

Annals of Occupational Hygiene

Applied Occupational and Environmental Hygiene

ASHRAE Transactions

Biomed Public Health

Emerging Infectious Diseases

Inhalation Toxicology

International Society for Respiratory Protection Journal

Journal of Aerosol Science

Journal of Human and Ecological Risk Assessment

Journal of Occupational and Environmental Hygiene

Journal of Occupational and Environmental Medicine

National Academy of Sciences

New England Journal of Medicine

The Science of the Total Environment

Government Agencies

Peer Reviewer, National Library of Medicine, Hazardous Substances Databank, 1993 to 1995

Site Review Panel, National Institute for Occupational Safety and Health, Hazardous Substance Academic Training Grants, 1994-1996

Site Review Chair, National Institute for Occupational Safety and Health, University of Utah Education and Research Center, 1997

Consultant, National Institute for Occupational Safety and Health, Intervention Effectiveness; Small Business Innovative Research and Safety and Occupational Health Study Sections, 1998-2003

National Institute for Occupational Safety and Health, Safety and Occupational Health Study Section

Member, 2004-2007

Consultant, 2007-2017

Consultant, National Institutes for Health, EPA Superfund Grant Review Panel, NIEHS Conference Grant Review Panel, 2005

Member, Institute of Medicine, National Academies of Science, Assessment of the NIOSH Head and Face Anthropometric Survey of United States Respirator Users, 2005-2006

Member, Minnesota Department of Health, Work-Related Asthma Advisory Work Group, 2005-2007

Member, Institute of Medicine, National Academies of Science, Development of Reusable Facemasks for Use during an Influenza Pandemic, 2006-2007

Member, National Academies of Science, Board on Chemical Sciences and Technology, Full System Testing and Evaluation of Personal Protective Equipment Ensembles in Simulated Chemical and Biological Warfare Environments, 2006-2007

Member, Council of Canadian Academies, Expert Panel on Influenza and Personal Protective Respiratory Equipment, 2007

Consultant, NIOSH Research Protocol, 2007

Member, National Institutes of Health, Small Business Innovative Research Grants, Review Panel, 2010-present

Member, National Academies of Science, National Research Council, Committee on Potential Health Risks from Recurrent Lead Exposure to Department of Defense Firing Range Personnel, 2011-2012.

Member, Technical Expert Panel, Joint Commission and NIOSH, Examples of Effective Respiratory Protection Programs, 2011-2013

Member, NIOSH NORA Services Sector Council, 2013-2018

Member, National Advisory Council for Occupational Safety and Health, 2015-2018

Member, NIOSH NORA Workplace Health and Wellbeing Cross Sector Council, 2017-2018

University of Minnesota

Member, University of Minnesota, Biomedical Research Advisory Committee, 2005 to 2009

Member, University of Minnesota, Mercury Environmental Cleanup Guideline Work Team, 2004-2005

Member, University of Minnesota, Biosafety Level 3 Advisory Committee, 2009 to 2012

Public Health Specialist, University of Minnesota, Office of Occupational Health and Safety, 2007-2012

University of Illinois at Chicago

Member, School of Public Health, Appointments, Promotion and Tenure Committee, 2013-2018

Member, University of Illinois at Chicago, Campus-Wide Promotion and Tenure Committee, 2015-2018

Member, School of Public Health, Executive Committee, 2016-2018

Fellow, Institute for Health Research Policy, 2015-2018

Other

Industrial Hygiene Program Site Reviewer, Accreditation Board for Engineering and Technology, 2007-2010

Professional Association Service Activities

American Industrial Hygiene Association

Member - Respiratory Protection Committee, 1985-94

Session Arranger, 1989

Vice-Chair, 1991-92

Chair, 1992-93

Past-Chair, 1993-94

Member - Aerosol Technology Committee, 1990-96

Secretary, 1992-93

Session Arranger, 1993-94

Chair, 1994-95

Past-Chair, 1995-96
Member - Editorial Committee, 1990-1993
Board Member-At-Large, AIHA Upper Midwest Section, 1993-95; 2007-09
Member, Academic Accreditation Committee, 2006 - present

American National Standards Institute

Member, Z88.12 Committee, Respiratory Protection for Infectious Aerosols, 1992-1994
Member, N95 Respirator Committee, 2015-present

American Conference of Governmental Industrial Hygienists

Ad Hoc Small Business Committee, 1993-1996
Threshold Limit Values for Chemical Substances Committee, 1993-2006
Member, 1993-2006
Chair, Dust and Inorganics Subcommittee, 1997-1998
Chair, Full Committee, 1998-2004
Infrastructure Task Force, 2008
Board of Directors, 2009-2012
Vice Chair-Elect, 2009
Vice Chair, 2010
Chair, 2011
Past Chair, 2012
Board Nominating Committee, 2012-2013

American Industrial Hygiene Conference and Exposition, Permanent Conference Committee

Joint Scientific Research Task Force, 2005-2008 (Chair, 2005)
Permanent Conference Committee, 2009-2010

Publications

Journal Articles

- L.M. Brosseau**, J.S. Evans, M.J. Ellenbecker, M.L. Feldstein, "Collection Efficiency of Respirator Filters Challenged with Monodisperse Latex Aerosols," *American Industrial Hygiene Association Journal*, 50(10):544-549 (1989).
- L.M. Brosseau**, M.J. Ellenbecker, J.S. Evans, "Collection of Silica and Asbestos Aerosols by Dust/Mist Respirators at Steady and Cyclic Flow," *American Industrial Hygiene Association Journal* 51(8):420-426 (1990).
- L.M. Brosseau**, Cohen, B.S., C.P. Fang, C. Snyder, "Particle Size Distribution of Automobile Paint Sprays," *Applied Occupational and Environmental Health*, 7(9):607-612 (1992).
- B.S. Cohen, **L.M. Brosseau**, C.P. Fang, C. Snyder, "Measurement of Air Concentrations of Volatile Aerosols in Paint Spray Applications," *Applied Occupational and Environmental Health*, 7(8):514-521 (1992).
- T. Gordon, K. Galdanes, **L.M. Brosseau**, "Comparison of Sampling Media for Endotoxin-Contaminated Aerosols," *Applied Occupational and Environmental Health* 7(7):472-477 (1992).
- L.M. Brosseau**, J.S. Evans, M.J. Ellenbecker, "An Empirical Model for Estimating the Collection Efficiency of Dust-Mist Respirators," *Annals of Occupational Hygiene* 37(2):135-150 (1993).
- S.K. Chen, D. Vesley, **L.M. Brosseau**, J. H. Vincent, "Evaluation of Single-Use Masks and Respirators for Protection of Health Care Workers against Mycobacterial Aerosols," *American Journal of Infection Control* 22(2):65-74 (1994).

- L.M. Brosseau**, S.K. Chen, D. Vesley, J.H. Vincent, "System Design and Test Method for Measuring Respirator Filter Efficiency Using *Mycobacterium* Aerosols," *Journal of Aerosol Science* 25(8):1567-1577 (1994).
- L.M. Brosseau**, D. Vesley, T.H. Kuehn, S.M. Goyal, S.K. Chen, C. Gabel, "Controlling Viruses in Indoor Air by Ventilation, Filtration or Source Removal," *ASHRAE Transactions: Research*, 100(2):368-379 (1994).
- L.M. Brosseau**, "Results of a Survey to Assess Curriculum Needs for New Academic Training Programs in Hazardous Substances," *American Industrial Hygiene Association Journal* 56(9):905-910 (1995).
- J.W. Marshall, J.H. Vincent, T.H. Kuehn, **L.M. Brosseau**, "Studies of Ventilation Efficiency in a Protective Isolation Room by the Use of a Scale Model," *Infection Control and Hospital Epidemiology*, 17(1):5-10 (1996).
- P.H. Wilsey, J.H. Vincent, M.J. Bishop, **L.M. Brosseau**, I.A. Greaves, "Exposures to Inhalable and 'Total' Oil Mist Aerosol by Metal Machining Shop Workers," *American Industrial Hygiene Association Journal*, 57(12):1149-1153 (1996).
- P. Harber, S. Barnhart, B.A. Boehlecke, W.S. Beckett, **L.M. Brosseau**, T. Gerrity, M.A. McDiarmid, E. Nardell, L. Repsher, T.K. Hodous, M.J. Utell, "Respiratory Protection Statement," *American Journal of Respiratory and Critical Care Medicine*, 154(4):1153-65 (1996).
- L.M. Brosseau**, K. Traubel, "An Evaluation of Respiratory Protection Program Maintenance Requirements," *American Industrial Hygiene Association Journal*, 58:116-120 (1997).
- L.M. Brosseau**, N.V. McCullough, D. Vesley, J.H. Vincent, "Mycobacterial Aerosol Collection Efficiency of Respirator and Surgical Mask Filters under Varying Conditions of Flow and Humidity," *Applied Occupational and Environmental Hygiene*, 12(6):435-445 (1997).
- J.H. Vincent, **L.M. Brosseau**, G. Ramachandran, P.-J. Tsai, M.A. Werner, T.M. Spear, and N.V. McCullough, "Current Issues in Exposure Assessment for Workplace Aerosols," in: *Inhaled Particles VIII*, (ed: Ogden, TL) *Annals of Occupational Hygiene* 41(Suppl 1):607-614 (1997).
- N.V. McCullough, **L.M. Brosseau**, D. Vesley, "Collection of Three Bacterial Aerosols by Respirator and Surgical Mask Filters Under Varying Conditions of Flow and Relative Humidity," *Annals of Occupational Hygiene* 41(6): 677-690 (1997).
- P.H. Reinke, **L.M. Brosseau**, "Development of a Convective Mass Transfer Model to Predict Air Concentrations of Chemicals Spilled Indoors," *Annals of Occupational Hygiene*, 41(4):415-435 (1997).
- L.M. Brosseau**, N.V. McCullough, D. Vesley, "Bacterial Survival on Respirator Filters and Surgical Masks" *Journal of the American Biological Safety Association*, 2(3):32-43 (1997).
- L.M. Brosseau**, "Penetration of Aerosols through Respirator Valves Under Cyclic Flow Conditions," *American Industrial Hygiene Association Journal*, 59(3):173-180 (1998).
- N.V. McCullough, **L.M. Brosseau**, D. Vesley, J.H. Vincent, "Improved Methods for Generation, Sampling and Recovery of Biological Aerosols in Filter Challenge Tests," *American Industrial Hygiene Association Journal*, 59(4):234-241 (1998).
- N.V. McCullough, **L.M. Brosseau**, "Selecting Respirators for Control of Worker Exposure to Infectious Aerosols," *Infection Control and Hospital Epidemiology*, 20:136-144 (1999).
- L.M. Brosseau**, D. Vesley, T.H. Kuehn, J. Melson, H.S. Han, "Duct Cleaning: A Review of Associated Health Effects and Results of Company and Expert Surveys," *ASHRAE Transactions*, 4334 (RP-759): 180-187 (2000).
- L.M. Brosseau**, D. Vesley, T.H. Kuehn, J. Melson, H.S. Han, "Methods and Criteria for Cleaning Contaminated Ducts," *ASHRAE Transactions*, 4334 (RP-759): 188-199 (2000).
- G. Betsinger, **L.M. Brosseau**, J. Golden "Occupational Health and Safety in Household Hazardous Waste Management Facilities," *American Industrial Hygiene Association Journal*, 61:575-583 (2000).
- L.M. Brosseau**, D. Vesley, N. Rice, K. Goodell, M. Nellis, P. Hairston, "Differences in Detected Fluorescence Among Several Bacterial Species Measured with a Direct-Reading Particle Sizer and Fluorescence Detector," *Aerosol Science and Technology* 32:545-558 (2000.)

- L.M. Brosseau**, D. Parker, D. Lazovich, S. Dugan, T. Milton, W. Pan "Inhalable Dust Exposures, Tasks, and Use of Ventilation in Small Woodworking Shops: A Pilot Study," *American Industrial Hygiene Association Journal*, 62:322-329 (2001).
- L.M. Brosseau**, D.L. Parker, D. Lazovich, T. Milton, S. Dugan, "Designing Intervention Effectiveness Studies for Occupational Safety and Health: The Minnesota Wood Dust Study," *American Journal of Industrial Medicine*, 62:322-329 (2001).
- M.J. Kerr, **L.M. Brosseau**, C.S. Johnson, "Sound Pressure Levels of Selected Construction Tasks," *American Industrial Hygiene Association Journal*, 63(3) 334-339 (2002).
- D. Lazovich, D.M. Murray, **L.M. Brosseau**, D.L. Parker, F.T. Milton, S.K. Dugan, "Sample Size Considerations for Studies of Intervention Effectiveness in the Occupational Setting," *Annals of Occupational Hygiene*, 46(2):219-227 (2002).
- D. Lazovich, D.L. Parker, **L.M. Brosseau**, F.T. Milton, S.K. Dugan, W. Pan, L. Hock, "Effectiveness of a Worksite Intervention to Reduce an Occupational Exposure: The Minnesota Wood Dust Study," *American Public Health Association Journal*, 92(9):1498-1505 (2002).
- L.M. Brosseau**, "Review of 'Implications of hormesis for industrial hygiene,'" *Human and Experimental Toxicology*, 21:395 (2002).
- L.M. Brosseau**, C. Lungu, P. Raynor, "Employers' Expectations for Knowledge and Skills of Masters-Trained Industrial Hygienists," 2(1):1-7 (2005), *Journal of Occupational and Environmental Health*.
- D.K. Olson, W.H. Lohman, **L.M. Brosseau**, A.L. Fredrickson, P.M. McGovern, S.G. Gerberich, N. Nachreiner, "Crosscutting Competencies for Occupational Health and Safety Professionals," 11(3):235-243 (2005), *Journal of Public Health Management and Practice*.
- K. Munshi, D. Parker, Y. Samant, **L. Brosseau**, W. Pan, M. Xi, "Machine Safety Evaluation in Small Metal Working Facilities: An Evaluation of Inter-Rater Reliability in the Quantification of Machine-Related Hazards," *American Journal of Industrial Medicine*, 43:381-388 (2005).
- L.M. Brosseau** and S.Y. Li, "Small Business Owners' Health and Safety Intentions: A Cross-Sectional Survey," *Environmental Health*, 4:23-31 (2005).
- Y. Samant, D. Parker, **L.M. Brosseau**, W. Pan, M. Xi, D. Haugan, "Profile of Machine Safety in Small Metal Fabrication Businesses," *American Journal of Industrial Medicine*, 49:352-359 (2006).
- L.M. Brosseau**, D. Parker, Y. Samant, W. Pan, "Mapping Safety Interventions in Metalworking Shops," *Journal of Occupational and Environmental Medicine* 49:338-345 (2007).
- B.A. Baker, K. Dodd, I.A. Greaves, C.J. Zheng, **L.M. Brosseau**, T. Guidotti, "Occupational Medicine Physicians in the United States: Demographics and Core Competencies," *Journal of Occupational and Environmental Medicine*, 49:388-400 (2007).
- L.M. Brosseau**, A.L. Fredrickson, M. Casey, "Small Business Owners' Opinions about Health and Safety Information," *Industrial Health*, 45:209-216 (2007).
- Y. Samant, D. Parker, **L.M. Brosseau**, W. Pan, M. Xi, D. Haugan, Q. Williams, "Organizational Characteristics of Small Metal Fabricating Businesses in Minnesota," *International Journal of Occupational and Environmental Health*, 13(2):160-6 (2007).
- L.M. Brosseau** and K. Harriman, "Commentary on 'In Vivo Protective Performance of N95 Respirator and Surgical Facemask,'" *American Journal of Industrial Medicine*, 50(12):1025-26 (2007).
- D Parker, **L. Brosseau**, Y. Samant, W. Pan, M. Xi, D. Haugan, "A Comparison of the Perceptions and Beliefs of Workers and Owners with Regard to Workplace Safety in Small Metal Fabrication Businesses," *American Journal of Industrial Medicine*, 50(12):999-1009 (2007).
- T. Oberg, **L.M. Brosseau**, "Health Care Mask Evaluation for Filter Efficiency and Facial Fit," *American Journal of Infection Control* 36(4):276-282 (2008).
- L.M. Brosseau**, A. Fredrickson, N. Nacheiner, "Graduate Proficiency Assessment Using a Competency-Based Learning Model," *Journal of Occupational and Environmental Medicine* 50:1029-1034 (2008).
- T. Glenz, **L.M. Brosseau**, R. Hoffbeck, "Preventing Release of Mercury Vapor from Broken Fluorescent Lamps During Shipment," *Journal of Air and Waste Management Association* 59(3):266-272 (2009).

- L.M. Brosseau**, A. Fredrickson, "Assessing Outcomes of Industrial Hygiene Graduate Education," *Journal of Occupational and Environmental Health* 6(5):257-266 (2009).
- D. Parker, Y. Samant, **L.M. Brosseau**, M. Xi, "Baseline Assessments of Machine Safety Knowledge and Behavior in Small Metal Fabrication Shops," *Public Health Reports*, 124(Supplement 1):90-124 (2009).
- L.M. Brosseau**, "Toward Better Fitting Respirators: Summary from a Workshop and Research Roadmap," *Journal of the International Society for Respiratory Protection* 26(4):82-94 (2009).
- L.M. Brosseau**, "Fit Testing Respirators for Public Health Medical Emergencies," *Journal of Occupational and Environmental Hygiene* 7(11):628-632 (2010).
- D. Hennrikus, **L.M. Brosseau**, C. Egelhoff, A. Ishizaki, R.J. Madsen, "A Pilot of an Integrated Safety/Smoking Cessation Intervention for Small Manufacturing Businesses," *Annals of Behavioral Medicine* (Annual Meeting Supplement) 39:159 (2010).
- A. Bejan, **L.M. Brosseau**, D. Parker, "Exposure Assessment in Auto Collision Repair Shops," *Journal of Occupational and Environmental Hygiene* 8(7): 401-408 (2011).
- D. Parker, **L.M. Brosseau**, A. Bejan, "A Qualitative Evaluation of Owner and Worker Health and Safety Beliefs in Auto Collision Repair Shops," *American Journal of Industrial Medicine* 55:474-482 (2012).
- J. Hauge, M. Roe, **L.M. Brosseau**, C. Colton: "Real-time Fit of a Respirator During Simulated Health Care Tasks," *Journal of Occupational and Environmental Hygiene* 9(10):563-571 (2012).
- J.W. Cherrie, **L.M. Brosseau**, A. Hay, K. Donaldson: "Low Toxicity Dusts: Current Exposure Guidelines Are Not Protective," *Annals of Occupational Hygiene* 57(6):685-691 (2013).
- R.L. Pearson, P.W. Logan, A.M. Kore, C.M. Strom, **L.M. Brosseau**, R.L. Kingston, "Isocyanate Exposure Assessment Combining Industrial Hygiene Methods with Biomonitoring for End Users of Orthopedic Casting Products," *Annals of Occupational Hygiene* 57(6):758-765 (2013).
- A. Bejan, D.L. Parker, **L.M. Brosseau**, M. Xi, M. Skan, "A Comparison of Owner and Expert Evaluation of Health and Safety in Small Collision Repair Shops: A Pilot Study," *International Journal of Occupational and Environmental Health* 19(4):363-369 (2013).
- Yamin SA, Parker DA, **Brosseau LM**, Gordon B, Xi M. National Machine Guarding Program: design of a machine safety intervention. *Saf Sci Monit* (Sweden). 2014;18(1).
- L.M. Brosseau**, A. Bejan, DL Parker, M. Skan, M. Xi: "Workplace Safety and Health Programs, Practices and Conditions in Auto Collision Repair Businesses," *Journal of Occupational and Environmental Hygiene* 11(6):354-365 (2014).
- D.L. Parker, **L.M. Brosseau**, A. Bejan, M. Skan, M. Xi, "Understanding Safety Climate in Small Automobile Collision Repair Shops," *American Journal of Industrial Medicine* 57(1):78-86 (2014).
- L.M. Brosseau**, L.M. Conroy, M. Sietsema, K. Cline, K. Durski, "Evaluation of Minnesota and Illinois Hospital Respiratory Protection Programs and Healthcare Worker Respirator Use," *Journal of Occupational and Environmental Hygiene* 12, no. 1 (2015): 1-15.
- Sietsema, Margaret, Lorraine M. Conroy, and **Lisa M. Brosseau**. "Comparing Written Programs and Self-Reported Respiratory Protection Practices in Acute Care Hospitals." *Journal of occupational and environmental hygiene* 12, no. 3 (2015): 189-198.
- Osterholm, Michael T., Kristine A. Moore, Nicholas S. Kelley, **Lisa M. Brosseau**, Gary Wong, Frederick A. Murphy, Clarence J. Peters et al. "Transmission of Ebola viruses: what we know and what we do not know." *MBio* 6, no. 2 (2015): e00137-15.
- Jones, Rachael M., and **Lisa M. Brosseau**. "Aerosol transmission of infectious disease." *Journal of Occupational and Environmental Medicine* 57, no. 5 (2015): 501-508.
- Egelhoff, C., Katz, M., **Brosseau, L. M.**, & Hennrikus, D. (2015). Creating a representative sample of small manufacturing businesses for an integrated workplace safety and smoking cessation intervention study. *Journal of Occupational and Environmental Medicine*, 57(7), 772-778.
- Pinsker, Erika A., Deborah J. Hennrikus, Peter J. Hannan, Harry A. Lando, and **Lisa M. Brosseau**. "Smoking patterns, quit behaviors, and smoking environment of workers in small manufacturing companies." *American journal of industrial medicine* 58, no. 9 (2015): 996-1007.

- Parker, D. L., Yamin, S. C., **Brosseau, L. M.**, Xi, M., Gordon, R., Most, I. G., & Stanley, R. (2015). National machine guarding program: Part 1. Machine safeguarding practices in small metal fabrication businesses. *American journal of industrial medicine*, 58(11), 1174-1183.
- Parker, D. L., Yamin, S. C., **Brosseau, L. M.**, Xi, M., Gordon, R., Most, I. G., & Stanley, R. (2015). National machine guarding program: Part 2. Safety management in small metal fabrication enterprises. *American journal of industrial medicine*, 58(11), 1184-1193.
- Hunt, Mary K., Deborah Hennrikus, **Lisa M. Brosseau**, Peter J. Hannan, Marc Katz, Erika A. Pinsker, Harry A. Lando, and Claudia Egelhoff. "Characteristics of Employees of Small Manufacturing Businesses by Occupation: Informing Evidence-Based Intervention Planning." *Journal of Occupational and Environmental Medicine* 57, no. 11 (2015): 1185-1191.
- Borak, Jonathan and **Lisa M. Brosseau**. "The Past and Future of Occupational Exposure Limits." *Journal of Occupational and Environmental Hygiene* 12.sup1 (2015): S1-S3.
- Waters, M., McKernan, L., Maier, A., Jayjock, M., Schaeffer, V., & **Brosseau, L.** (2015). Exposure estimation and interpretation of occupational risk: Enhanced information for the occupational risk manager. *Journal of Occupational and Environmental Hygiene*, 12(sup1), S99-S111.
- Parker, David L., Samuel C. Yamin, Min Xi, **Lisa M. Brosseau**, Robert Gordon, Ivan G. Most, and Rodney Stanley. "Findings from the National Machine Guarding Program: a small business intervention: lockout/tagout." *Journal of Occupational and Environmental Medicine* 58, no. 1 (2016): 61-68.
- M. Sietsema, M. Conroy, **L.M. Brosseau**, "Comparing Written Programs and Self-Reported Respiratory Protection Practices in Acute Care Hospitals," *Journal of Occupational and Environmental Hygiene* (2016).
- Peterson, K., Rogers, B.M., **Brosseau, L.M.**, Payne, J., Cooney, J., Joe, L. and Novak, D. Differences in Hospital Managers', Unit Managers', and Health Care Workers' Perceptions of the Safety Climate for Respiratory Protection. *Workplace Health & Safety* (2016).
- Yamin, Samuel C., Anca Bejan, David L. Parker, Min Xi, and **Lisa M. Brosseau**. 2016. Analysis of workers' compensation claims data for machine-related injuries in metal fabrication businesses." 59 (8), 656-664 *American Journal of Industrial Medicine*
- Sietsema, Margaret and **Lisa M. Brosseau**. 2016. Comparison of two quantitative fit-test methods using N95 filtering facepiece respirators. 13(8): 621-627 *Journal of Occupational and Environmental Hygiene*
- Su YM, Phan L, Edomwande O, Weber R, Bleasdale SC, **Brosseau LM**, Fritzen-Pedicini C, Sikka M, Jones RM, CDC Prevention Epicenters Program. Contact patterns during cleaning of vomitus: 2017 A simulation study. 45(12):1312-7 *American Journal of Infection Control*
- Rembalkowski B, Sietsema M, **Brosseau L.** 2017 Impact of time and assisted donning on respirator fit. 14(9):669-73 *Journal of Occupational and Environmental Hygiene*
- Sikka, M., Moritz, D., Bleasdale, S., Fritzen-Pedicini, C., **Brosseau, L.** and Jones, R., 2017, October. Experiences of Hospitals in the Chicago Area with PPE Acquisition and Use During the 2014 Ebola Virus Disease Outbreak. *Open Forum Infectious Diseases* (Vol. 4).
- Tamers, S.L., Goetzel, R., Kelly, K.M., Luckhaupt, S., Nigam, J., Pronk, N.P., Rohlman, D.S., Baron, S., **Brosseau, L.M.**, Bushnell, T. and Campo, S., 2018. Research Methodologies for Total Worker Health®: Proceedings from a Workshop. 60(11): 968 *Journal of Occupational and Environmental Medicine*
- Sietsema, M. and **Brosseau, L.M.**, 2018. Are quantitative fit factors predictive of respirator fit during simulated healthcare activities? 15 (12), 803-809 *Journal of Occupational and Environmental Hygiene*
- Sietsema, M., **Brosseau, L.M.**, Koonin, L., Radonovich, L., Hearl, F. A., 2019. Control Banding Framework for Protecting the U.S. Workforce from Aerosol Transmissible Infectious Disease Outbreaks with High Public Health Consequence. 17 (2), 124-132 *Health Security*
- Jones, R.M., Bleasdale, S.C., Maita, D., **Brosseau, L.M.** and CDC Prevention Epicenters Program, 2019. A systematic risk-based strategy to select personal protective equipment for infectious diseases. *American Journal of Infection Control*

- Bleasdale, S.C., Sikka, M.K., Moritz, D.C., Fritzen-Pedicini, C., Stiehl, E., **Brosseau, L.M.** and Jones, R.M., 2019. Experience of Chicagoland acute care hospitals in preparing for Ebola virus disease, 2014–2015. 16(8), pp.582-591 *Journal of Occupational and Environmental Hygiene*
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- E. Pinsker, D. Hennrikus, H. Lando, P. Hannan, M. Katz, L.M. Brosseau, C. Egelhoff, S. Haas, K. Scanlon, "The Relationship Between Job Type and Smoking-Related Characteristics of Workers in Small Manufacturing Businesses," Society for Research on Nicotine and Tobacco, Seattle WA, February 2014.

M. K. Hunt, D. Hennrikus, L. Brosseau, C. Egelhoff, M. Katz, H. Lando, E. Pinsker, and P. Hannan. Personal health and organizational support as reported by different occupations in small manufacturing businesses. American Public Health Association Conference, Chicago IL, September 2015.

L. Brosseau, D. Hennrikus, C. Egelhoff and M. Katz Recruiting small businesses to an integrated workplace safety and smoking cessation intervention study. American Public Health Association Conference, Chicago IL, September 2015.

Awards Received

Non-Tenured Faculty Award, 3M Company, St Paul, MN

November 1993; October 1995; April 1996

Grant-in-Aid, 3M Company, St Paul, MN

October 1999; April 2000; June 2001

Faculty Excellence Award in Environmental Health, Division of Environmental and Occupational Health, 1996, 1997

Nominated for the Leonard M. Schuman Award for Excellence in Teaching, School of Public Health, 1996

ACGIH Meritorious Achievement Award (as member of ACGIH TLV Committee), 2002

AIHA Alice Hamilton Award, 2006

ACGIH Meritorious Achievement Award, 2007

University of Minnesota, Outstanding Service Award, 2008

ACGIH Foundation, Jeff Lee Lecture, 2011

John M. White Award, AIHA Respiratory Protection Committee, 2011

Invited Lectures and Talks

"Pursuing a Career in Industrial Hygiene," American Society of Safety Engineers Professional Development Conference, Minneapolis, MN, June 1992.

"Aerosol Filtration," Harvard School of Public Health, Measurement Techniques for the Industrial Environment: Air Quality & Ventilation, Boston, MA, April and October 1990, June 1991.

"Respiratory Protection Filter Media," Harvard School of Public Health, Continuing Education Program, Boston, MA, August 1988.

"Respiratory Protection Devices," 3rd Annual Occupational Health and Safety Institute, Harvard School of Public Health, Boston, MA, June 1988.

"Respirator Valves: Survey of Respirator Maintenance Practices and Testing Particle Penetration under Realistic Use Conditions," 3M Company, September 1995.

"Collection of Biological Aerosols by Respirator and Surgical Mask Filters," Upper Midwest Section of American Industrial Hygiene Association, September 1995.

"Selecting Respirators for Infectious Aerosol Exposures," University of California Berkeley, School of Public Health, August 1997.

"Selecting Respirators for Infectious Aerosol Exposures," University of California Davis, School of Medicine, August 1997.

"Minnesota Wood Dust Study," University of British Columbia, Vancouver, Canada, December 1998.

"Particle Size-Selective Sampling," Upper Midwest Section of American Industrial Hygiene Association, February 1998.

- "Threshold Limit Values – What Are They and How are They Developed?" Upper Midwest Section of American Industrial Hygiene Association, January 1999.
- "What is an Industrial Hygienist?" Society for Women Engineers, University of Minnesota, January 1999.
- "What is Meant by 'Nearly All Workers'?" Applied Workshop: Protecting Today's Workers, TLVs in Practice, American Conference of Governmental Industrial Hygienists, March 1999.
- "Particle Size Selective Sampling," Upper Wisconsin Section, American Industrial Hygiene Association, September 1999.
- "What Motivates Owners of Small Businesses to Improve Workplace Health and Safety?" University of Minnesota, March, 2000.
- "Standard Setting of Occupational Sensitizers: An Example of Flour Dust." British Occupational Hygiene Society, April 2000.
- "The Role of Risk Assessment in the Development of Health Criteria and Standards: A Panel Discussion." AIHA Risk Assessment Symposium, October 2000.
- Invited discussant, Institute of Medicine Committee on Regulating Occupational Exposure to Tuberculosis, National Academy of Sciences, August 2001
- "Threshold Limit Values," Health Effects and Worker Exposure to TDI, ACGIH Symposium, Cincinnati OH, April 2002.
- Plenary Speaker, "Threshold Limit Values: Scientific Guidelines," Australian Institute of Occupational Hygienists, December 2002.
- "Do Air Samples Tell the Truth? Particle Size Selective TLVs" IRSST Symposium on Chemical Exposure Values in the Workplace, Montreal, Canada, May 2003.
- "TLVs: Committee and Process" IRSST Symposium on Chemical Exposure Values in the Workplace, Montreal Canada, May 2003.
- "Intervention Research to Reduce Injuries and Illnesses in Small Businesses," University of Illinois at Chicago, School of Public Health, June 2003.
- Workshop Leader, "Teaching Professional Students," University of Minnesota, Center for Teaching and Learning Services, August 2003.
- "Impact of Lawsuits on the Current and Future TLV Process," American Industrial Hygiene Association, Ohio Valley Section, Cincinnati OH, October 2003.
- "Motivating Occupational Health and Safety Improvements in Small Business," National Institute for Occupational Safety and Health, Cincinnati OH, October 2003.
- "Motivating Health and Safety Improvements in Small Business," VIOSH Australia, Ballarat Australia, December 2003.
- "Update on Particulates Not Otherwise Specified," Pharmaceutical Forum, American Industrial Hygiene Conference and Exposition, San Diego, CA, May 2004.
- "CDC-Wide Research Agenda," Association for Occupational Health Nursing, Minneapolis, MN, May 2005.
- "Infection Control and Respiratory Protection," Tuberculosis Public Health Nurse Symposium, St Paul, MN, April 2006.
- "Choosing Respiratory Protection in a Pandemic Situation," ORC Inc., Washington D.C., June 2006.
- "Filter Efficiency and Facial Fit of Surgical Masks," Working Scientific Meeting on Occupational Influenza Prevention and Control in Health Care Settings, Public Health Agency of Canada, Toronto, Ontario, Canada, October 2006.
- "Filter Efficiency and Facial Fit of Surgical Masks," Pandemic: Pandemonium or Preparedness, AIHA-UMS Professional Development Conference, St Paul, MN, November 2006.
- "Respiratory Protection for Pulmonary Therapists," PALL Corporation, 2006-2007 Influenza Update CD, December 2006.
- "Occupational Exposure Limits: Looking Back and Moving Forward," Conference of Industrial Hygiene and Occupational Medicine, Kaohsiung, Taiwan, April 2007.

- “Evaluating the Effectiveness of Health and Safety Interventions in Small Manufacturing Businesses,” Institute of Occupational Safety and Health, Taipei, Taiwan, April 2007.
- “Occupational Safety Interventions in Small Businesses,” University of Cincinnati, May 2007.
- “Controlling Release of Mercury Vapor from Fluorescent Lights,” Mercury Waste Solutions Community Open House, Union Grove WI, April 2008.
- “Selecting Respirators for Infectious Aerosol Exposures,” Aerospace Industries Association, St Paul MN, April 2008.
- “Respiratory Protection for Laboratory Animal Allergens,” Research Animal Resources, University of Minnesota, Minneapolis MN, December 2008.
- “Controlling Release of Mercury Vapor from Broken Fluorescent Lights during Shipping,” North American Hazardous Materials Management Association, Minnesota Chapter, Shakopee MN, March 2009.
- “Selecting Respiratory Protection for Biological Aerosol Exposures,” Washington University, St Louis, March 2009.
- “Integrating Safety and Smoking Cessation in Small Manufacturing Businesses,” (with Deborah Hennrikus), Midwest Center for Occupational Health and Safety, Minneapolis, May 2009.
- “Effectiveness of Surgical Masks as Personal Protective Devices,” Institute of Medicine Workshop on Respiratory Protection for Healthcare Workers in the Workplace Against Novel H1N1 Influenza A, Washington DC, August 2009.
- “Respiratory Protection for Airborne Infectious Diseases,” California APIC Coordinating Council Advanced Practice Course, San Diego, October 2009.
- “Exposure to Mercury Vapor from Fluorescent Bulbs During Recycling,” Healthcare Environmental Awareness and Resource Reduction Team, Minneapolis, January 2010.
- “Protecting Workers from Aerosol Transmissible Diseases,” Workers Memorial Day Panel Discussion, St Paul Labor Center, April 2010.
- “The AIHCE Morning Show: New Frontiers in Science and Practice,” Host with Guests David Michaels, Assistant Secretary of Labor and John Howard, Director NIOSH, AIHCE, Denver 2010.
- “Respirators for Public Health Emergencies,” American Industrial Hygiene Association Upper Midwest Section, St Paul MN, February 2011.
- “Ensuring Quality for Occupational Exposure Guidelines,” AIHA Upper Midwest Section, Minneapolis MN, September 2011.
- “Health and Safety Interventions in Small Manufacturing Businesses,” Royal College of Medicine, Cornwall UK, October 2011.
- “What is Leadership?” Professional Conference of Industrial Hygiene, Baltimore MD, November, 2012
- “Respirator Use and Programs in Minnesota and Illinois Acute Care Hospitals,” NIOSH NPPTL Meeting, Pittsburgh PA, March 2012.
- “Future of ACGIH and TLVs for Chemical Substances,” New York/New Jersey Education and Research Center 33rd Annual Scientific Meeting, New York City NY, April 2012.
- “Particulates Not Otherwise Specified,” Low Toxicity Dusts Workshop, British Occupational Hygiene Society, Cardiff Wales, April 2012
- “How Does Process Impact Occupational Exposure Guideline Processes?” Occupational Exposure Guideline Setting Processes Plenary Session, British Occupational Hygiene Society, Cardiff Wales, April 2012.
- “Measuring Real-Time Respirator Fit in a Simulated Healthcare Environment,” Midwest Center for Occupational Safety and Health, Minneapolis MN, October 2012.
- “Improving Workplace Safety in Small Businesses,” University of Illinois Chicago, ERC Seminar, October 2013.
- “Current Respirator Reuse Policies and Practices in Acute Care Hospitals and Control Banding as an Approach to Limiting Respirator Use,” Respirator Protective Devices Public Workshop Session, Food and Drug Administration, Silver Spring MD, May 2014.

“Performance Testing for Respirators Used in Healthcare Settings,” Respirator Protective Devices Public Workshop Session, Food and Drug Administration, Silver Spring MD, May 2014.

Courses Taught

PUBH 5184 Measurement of Airborne Contaminants in Workplaces (co-instructor), 1991-1994; 2006, 2007
PUBH 5212 Ventilation Control of Environmental Hazards (co-instructor), 1991, 1992
PUBH 5210 Industrial Hygiene Engineering (sole instructor), 1991
PUBH 5218 Field Problems in Occupational Health (co-instructor), 1991-1998
PUBH 5211 Introduction to Industrial Hygiene (sole instructor), 1993-1995
PUBH 5173 Hazard-Related Exposure to Physical Agents in the Environment (co-instructor), 1999, 2012
PUBH 5170 Introduction to Occupational Health and Safety (lecturer), 1999-present
PUBH 5150 Interdisciplinary Evaluation of Occupational Health and Safety Problems (co-instructor), 1999-present
PUBH 5172 (now 6172) Industrial Hygiene Applications (sole instructor), 1997-1999 (every year); 2000-present (even years)
PUBH 5255; 5176; 6176 Hazardous Materials and Wastes Management (sole instructor), 1995-1999 (every year); 2000-present (odd years)
GRAD 8101 Teaching in Higher Education (co-instructor), 2003

Other Teaching

Lecturer, Industrial Hygiene Survey, Midwest Center Summer Institute (1991-1998)
Lecturer, Continuing Education Course, Review of Industrial Hygiene, Midwest Center (1992, 2002, 2005)
Lead Instructor, Introduction to Respiratory Protection, Industrial Hygiene Conference (1992; 1994)
Lecturer, Introduction to Industrial Hygiene Exposure Assessment and Control (1995-1997)
Lecturer, Introduction to Industrial Hygiene, Minnesota Safety Council (1993-1995)
Co-Instructor, Professional Development Course: Inhalable Sampling, American Industrial Hygiene Conference (2000)
Co-Facilitator, Mid-Career Teaching Program, University of Minnesota Center for Teaching and Learning (2002)
Co-Instructor, Professional Development Course: Systems Based Approach to Exposure Assessment (2004)
Lecturer, Recognition, Evaluation and Control of Workplace Hazards, Public Health Institute (2004)
Instructor, Professional Development Course: Basics of Respiratory Protection, International Occupational Hygiene Association, Taiwan (2008)
Instructor, Professional Development Course: Selecting Respirators for Infectious Aerosols, International Occupational Hygiene Association, Taiwan (2008)
Instructor, Professional Development Course: Respiratory Protection for Biological Aerosols, American Industrial Hygiene Conference and Exposition, Minneapolis (2008)
Instructor, Breakfast Briefing: Respiratory Protection for Healthcare Workers, Midwest Center for Occupational Health and Safety, Minneapolis (2009)
Instructor, Professional Development Course: Selecting Respirators for Biological Aerosol Exposures, Midwest Area Biosafety Network, Minneapolis (2009)
Instructor, Professional Development Course: Control Banding – Respirator Selection for Bioaerosols, American Industrial Hygiene Conference and Exhibition, Montreal CA, May 2013.
Instructor, Professional Development Course: Emerging and Multi-Drug Resistant Organism Infectious Diseases: Assessment and Control in Health Care Settings, Chicago IL (2013)

Academic Service Activities

University of Illinois Chicago

School of Public Health

Appointments, Promotion and Tenure Committee (2013-present)

University of Minnesota

University-Wide

Faculty Senate (1998-2000)

Judicial Committee (2006-2007)

School of Public Health

Research Committee (1996-1998), Chair (1997-1998)

Recognition, Awards and Honors Committee (2000-2001)

Appointments, Promotion and Tenure Policy Committee (1993 and 1995)

Division of Environmental and Occupational Health

Student Admissions Committee (1991-1994; 1998-2000)

Faculty Advisory Committee (1995-1996)

Teaching Committee (1996-1998); Chair (1997-1998)

Laboratory Committee (1997-1998)

Awards Committee (2000-2003), Chair (2000-2002)

NIOSH Education and Research Center, Advisory Boards

Hazardous Substances Training Education (1991-2012)

Occupational Medicine Residency Program (1991-2011)

The Graduate School

Biomedical Research Advisory Committee (2005-2008)

Academic Health Center

University Research Safety Committee (2009)

Research Occupational Safety and Health Coordination Committee (2008-present)

Biosafety Level 3 Advisory Committee (2009-present)

University of Miami

Doctoral Dissertation Committee, Naomi Montague (1997-2000)

University of Cincinnati

External Advisory Committee, Respiratory Protection Against Bioaerosols in Agriculture (2008-2012)

University of North Carolina at Wilmington

Red Tide Program Project External Advisory Council (2008-2010)

University of Ballarat, Ballarat Victoria, Australia

Examiner, Doctoral Dissertation, Susan Leggett, "Constructing a theory for understanding the development of OHS management in small businesses in the Victorian construction industry" (2010)

University of Exeter Medical School, European Centre for Environment and Human Health

Advisory Board (2018-present)

Grants and Contracts Obtained

"Aerosol Penetration Behavior of Respirator Valves," NIOSH (1990-1991). Principal Investigator

"Aerosol Penetration of Respirator Valves," CDC/NIOSH (1991-1993). Principal investigator

"Improved Ventilation Indices and Methodology for Indoor Environments: A Pilot Study." University of Minnesota Biomedical Research Support Grant (1991-1992). Principal Investigator

"Filter Efficiencies of Single Use Masks Against Mycobacterial Aerosols." 3M Health Care--Surgical Division (1992-1993) Co-Principal Investigator

"Hazardous Substance Academic Training Program in Educational Resource Centers." NIOSH (1993-1997; 1997-2002; 2003-2007). Principal Investigator

"Midwest Center for Occupational Safety and Health (Educational Resource Center)," NIOSH (7/1/97 to 8/30/04). Program Director, Industrial Hygiene Program, Pilot Projects Program, Hazardous Substances Academic Training Program; (9/1/04 to present) Deputy Director

"Investigate and Identify Means of Controlling Virus in Indoor Air by Ventilation, Filtration or Source Removal," American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (4-6/1993). Principal Investigator

"Testing Air Purifying Respirator Filters Against Tuberculosis and Other Biological Aerosols," CDC (1993-1995). Principal Investigator

"Predicting Air Concentrations Following Indoor Spills," EPA (9/12/95 to 9/15/97). Principal Investigator

"Characterization and Mathematical Modeling of Chemical Spills", University of Minnesota Grant-in-Aid of Research, Artistry, and Scholarship (7/1/96 to 12/15/97). Principal Investigator

"Wood Dust Intervention Study for Small Business," NIOSH (1995-1999). Co-Principal Investigator

"Evaluating the TSI Fluorescent Aerodynamic Particle Sizer," TSI Inc. (1997-1998). Co-Investigator

"Identification and Effectiveness of Current Methods Applied and Criteria Applied in Non-Routine Cleaning and Decontaminating of Air Ducts and Other HVAC Components. ASHRAE (4/1/96 to 9/30/96). Co-Principal Investigator

"Development of a Survey of Owner Health and Safety Behavior," NIOSH (1998-2001). Principal Investigator

"Demonstration to Motivate Small Businesses to Adopt Appropriate Hazard Control Technology in a Single Small Business Sector," CDC/NIOSH (1997-2000), Principal Investigator

"Intervention to Prevent Construction Worker Hearing Loss," CDC/NIOSH (1997-2000), Consultant

"Small Business Owners' Health and Safety Behavior," NIOSH (3/1/98 to 2/28/01). Principal Investigator

“Effectiveness of a Machine Guarding Intervention,” NIOSH (10/1/02 to 9/30/07). Co-Principal Investigator

“Midwest Center for Occupational Safety and Health (Educational Resource Center),” NIOSH (7/1/02 to 6/30/07). Industrial Hygiene Program Director (02-04), Deputy Director (04-07).

“Effectiveness of Intervention on Health,” NIOSH (9/30/02 to 9/29/04). Principal Investigator

“Public Health Preparedness,” CDC (9/30/02 to 10/1/05), Consultant

“Comparison of recycling shipper box performance in containing and minimizing mercury releases from used fluorescent lamps,” Mercury Waste Solutions Inc. (11/01/06 to 9/30/07), Principal Investigator

“A Randomized Intervention in Automotive Collision Repair Shops,” NIOSH (06/01/07 to 05/31/12), Co-Principal Investigator.

“An Integrated Work Safety – Smoking Cessation Program,” (01/01/08-06/30/09), ClearWay Minnesota, Co-Principal Investigator

“Technical Consultation and Research Project Oversight on Mercury Recycling Projects,” (10/15/09-10/14/11), VaporLok Technology LLC, Principal Investigator

“An Integrated Work Safety – Smoking Cessation Program for Small Worksite,” (02/01/10-12/31/15), National Institutes of Health, Co-Principal Investigator

“Machine Safety in Small Metalworking Businesses,” National Institute for Occupational Safety and Health (09/01/10-12/31/15), Co-Principal Investigator

“Workplace Protection Factors in a Simulated Healthcare Setting,” (01/01/10-06/30/10), 3M Company, Principal Investigator

“Survey of Respirator Practices and Programs in Minnesota and Illinois Hospitals,” (09/01/10-12/31/11), CDC/NIOSH, Principal Investigator

“Illinois Education and Research Center” (07/01/14-06/30/19) National Institute for Occupational Safety and Health, Principal Investigator

Technical Education: Bridging the Gap in Health and Safety in Small Businesses (09/01/14-08/31/18) National Institute for Occupational Safety and Health, Co-Investigator

UIC Epicenter for Prevention of Healthcare Associated Infections (09/30/15-09/29/18), Centers for Disease Control and Prevention, Co-Investigator

Workplace Health Research Network Collaborating Center (09/30/14-09/29/17), Centers for Disease Control and Prevention, Co-Investigator

Center for Healthy Work (09/01/2016 – 08/31/2021) National Institute for Occupational Safety and Health, Principal Investigator