

## **JOHN MENDELOFF**

### **CURRICULUM VITAE**

Graduate School of Public and International Affairs,  
3219 Posvar Hall  
University of Pittsburgh  
Pittsburgh, PA 15260  
(412) 648-2651  
[jmen@pitt.edu](mailto:jmen@pitt.edu)

### **EDUCATION**

Ph.D. Graduate School of Public Policy, U.C. Berkeley, 1977  
M.P.P. Graduate School of Public Policy, U.C. Berkeley, 1974  
A. B. Harvard University, 1968 (Cum Laude in General Studies - Government)

### **POSITIONS**

2007--14 Director, RAND Center for Health and Safety in the Workplace and Senior Policy  
Researcher, RAND Corporation  
2004--06 Adjunct Staff Member, RAND Corporation  
2003--04 Visiting Scholar, Center for the Study and Improvement of Regulation, Carnegie-  
Mellon University  
1993-- Professor, Graduate School of Public and International Affairs (Director, Master of  
Public Administration Program, 1993-97, 2005-2006); Graduate School of Public  
Health (Department of Environmental and Occupational Health), University of  
Pittsburgh  
1988-93 Associate Professor (Founding Chairman, 1988-92) Department of Health Policy  
and Management, School of Public Health, University at Albany, State University of  
New York and New York State Department of Health; Associate Professor, School of  
Public Affairs, State University of New York  
1987-88 Assistant Clinical Professor, Department of Community and Family Medicine,  
University of California, San Diego  
1979-87 Assistant Professor, Department of Political Science, and Program in Science,  
Technology and Public Affairs, University of California, San Diego  
1978-79 Lecturer, Graduate School of Public Policy, U.C. Berkeley  
1977-78 Consultant, Federal Interagency Task Force on Workplace Safety and Health  
1976-77 Analyst, California Department of Industrial Relations  
1970-72 Staff Member, Urban Planning Aid, Inc., Cambridge, Mass.

## **SELECTED PROFESSIONAL ACTIVITIES**

Member, Board of Scientific Counselors, National Institute of Occupational Safety and Health, 2012-2014.

Member, National Occupational Research Agenda Team for the Manufacturing Sector, National Institute of Occupational Safety and Health, 2007--

Editorial Board, *Regulation and Governance*, 2005--

Advisory Board, Harvard Center for Risk Analysis, Harvard School of Public Health, 1997-01.

Executive Steering Committee, Center for Injury Research and Control, University of Pittsburgh, 1995-97, 2002-2007

Member, Grants Review Panel, Centers for Disease Control Program on Law and Public Health, 2001.

Ad Hoc Member, Grants Review Panel, National Institute of Occupational Safety and Health, 1997, 1998, 2005.

Editorial Board, *Journal of Policy Analysis and Management*, 1989-2004; Vernon Prize Committee (to choose best article) 1989, 1992, 1994, 2000

Member, Health Sciences Wide Panel on Medical Ethics, University of Pittsburgh, 1995-98

Member, Advisory Committee, U.S. Congress Office of Technology Assessment, Study on Methods for Estimating Costs of OSHA Standards, 1993-95

Member, Grants Review Panel for Socioeconomics, Environmental Protection Agency, Office of Exploratory Research, 1991, 1992, 1994

Member, New York State Injury Control Coordinating Committee, 1989-93

Member, Advisory Panel to U.S. General Accounting Office on Study of Occupational Safety and Health Administration, 1988

Member, National Academy of Sciences, Committee to Review the Status and Progress of the Injury Control Program at the Center for Disease Control, 1988

Co-Chairman, Advisory Committee on Financial Issues, State of California, Governor's Task Force on Hazardous Wastes, 1986

Member, National Academy of Sciences, Commission on National Statistics, Panel on Occupational Safety and Health Statistics, 1985-87

Member, National Academy of Sciences, Board on Radioactive Waste Management, Panel on Policies for Handling Nuclear Wastes at Oak Ridge National Laboratory, 1983-1985

Member, University Hospital (UCSD) Ethics Committee, 1982-88

Member, UCSD Health Professions Program Advisory Committee, 1980-88

Member, UCSD Extension, Advisory Committee on Alcohol Studies, 1985-88

## **GRANTS (as Principal Investigator)**

National Institute of Occupational Safety and Health, 2017-1019, "Why Do Fatality Rates Vary in the Construction Sector?"

National Institute of Occupational Safety and Health, 2014-2017, "Which Safety Standards Matter?"

Alcoa Foundation, 2013-2014. "Causes of Serious Workplace Injuries and Illnesses in Brazil."

Smith Richardson Foundation, 2003-2004, "Performance and Learning in Regulatory Agencies"

National Institute of Occupational Safety and Health, 2003-06, "Causes and Consequences of Compliance with OSHA Standards."

National Institute of Occupational Safety and Health, 1999-2001, "The Effectiveness of OSHA Inspections in Manufacturing."

Centers for Disease Control, 1997, "Trauma Care in Pennsylvania: Access and Effectiveness" (through Center for Injury Research and Control).

National Science Foundation, 1985-86, Regulation and Policy Analysis Program. "A Method for Valuing the Effects of Public Health and Safety Programs."

University of California, Institute for Transportation Studies, 1985, "The Cost-Effectiveness of Highway Safety Projects in California."

**CONTRACTS** (as Principal Investigator)

California Commission on Health, Safety, and Workers' Compensation, "New Paradigms for the California OSHA Program, 2013-2014.

U.S. Department of Labor, Bureau of International Labor Affairs, "Human Resources Issues Affecting Labor Inspector Effectiveness in Developing Countries," 2013-2014.

U.S. Chemical Safety and Hazard Investigation Board, "Assessment of Usefulness of Process Safety Measures Proposed by ANSI/API Recommended Practice 754," 2012.

DuPont Sustainable Solutions, "Directions for Research on Leading Issues in Occupational Safety and Health," 2012

California Commission on Health, Safety, and Workers' Compensation, "Extended Evaluation of the Injury and Illness Prevention Program in High-hazard Industries," 2011-12

American Society of Safety Engineers Foundation, "Does the EU's Requirement for 'Risk Assessment' Improve Workplace Safety and Health?" 2010-2011

U.S. Department of Labor, Office of the Assistant Secretary for Policy, "Design of Evaluation Projects for OSHA and the Wage and Hour Division," 2010-2012

California Commission on Health, Safety, and Workers' Compensation, "Evaluation of the California Injury and Illness Prevention Program," 2009-2011

California Commission on Health, Safety, and Workers' Compensation, "Analysis of the Impact of Experience Rating on Reported Injury Losses," 2009-2011

U.S. Department of Health and Human Services, National Institute of Occupational Safety and Health, National Personal Protective Technology Laboratory, "Analysis of Personal Protective Equipment Violations in Pesticide-Related Inspections," 2009

U.S. Department of Health and Human Services, National Institute of Occupational Safety and Health, National Personal Protective Technology Laboratory, "Analysis of Respiratory Protection and Hearing Conservation Program Violations in OSHA Inspections," 2008-2009

ORC, Inc. and Duke Energy Foundations, "Metrics to Predict Serious Workplace Injuries," 2007-2008

Workplace Health, Safety, and Compensation Commission of New Brunswick, Review of Strategic Plan and Programs, 2007

WorkSafeBC, Review of Governance and Prevention Activities in British Columbia, 2006-07

U.S. Department of Labor, Occupational Safety and Health Administration, Office of Regulatory Analysis, analyst of and witness for the proposed Ergonomics standard, 2000

U.S. Department of Labor, Occupational Safety and Health Administration, Office of Audits and Evaluation, Lead analyst for "Evaluation of OSHA Consultation Program," 1999-2001.

U.S. Department of Labor, Occupational Safety and Health Administration, Office of Regulatory Analysis, 1998-99.

U.S. General Accounting Office, Review of Cost-Benefit Analyses of Consumer Product Regulation, 1997.

New Zealand Department of Labour, Review of Draft Program on Occupational Safety & Health, 1996-97.

U.S. Department of Labor, Occupational Safety & Health Administration, "Information Needs for Improving Regulatory Analysis" 1996-97.

U.S. Department of Labor, Occupational Safety and Health Administration, "An Evaluation of Reinventing Government Initiative: Maine's 'Top 200' Program" 1995.

U.S. Department of Labor, Occupational Safety and Health Administration, "Potential Uses of State Workers' Compensation Data Systems to Serve OSHA's Information Needs" 1994-95.

New York State Department of Health, An Evaluation of Regional Trauma Quality Assurance Projects, 1991-93.

U.S. Department of Labor, Office of the Assistant Secretary for Policy, Study of Interaction of Liability, Workers' Compensation, and Regulation of Occupational Health Hazards, 1988.

U.S. Department of Health and Human Services, National Institute of Occupational Safety and Health, Study of Fatalities, 1987.

U.S. Department of Labor, Occupational Safety and Health Administration, Study of Exposures to Toxic Hazards, 1983-84.

U.S. Congress, Office of Technology Assessment, Research for Project on Occupational Safety and Health Control Technology, 1982-83.

U.S. Department of Health and Human Services, National Institute of Occupational Safety and Health, Study of Occupational Accidents and OSHA Standards, 1981-88.

U.S. Department of Labor, Office of the Assistant Secretary for Planning, Evaluation, and Research, study of OSHA's effectiveness, 1975-76.

Also consultant to U.S. Department of Labor (OSHA and Office of Assistant Secretary for Policy), General Accountability Office, U.S. Congress Office of Technology Assessment, Ontario Ministry of Labour, Abt Associates, New Zealand Budget Bureau, Mathematica Policy Research, Westat, Summit, Savant Associates, Consad, Eastern Research Group, and others.

## **PUBLICATIONS**

### **Books**

*The Dilemma of Toxic Substance Regulation* (Cambridge, MA: The MIT Press, 1988); Volume 17 in the Series on Regulation of Economic Activity.

*Regulating Safety: A Political and Economic Analysis of OSHA* (Cambridge, MA: The MIT Press, 1979).

### **RAND Monographs**

Paul Heaton, James Dertouzos, James Anderson and John Mendeloff, “Compensation for Combat Deaths: Policy Considerations,” RAND DB-633-OSD, March 2012.

John Mendeloff, Wayne Gray, Amelia Haviland, Regan Main, Jing Xia, *An Evaluation of the California Injury and Illness Prevention Program*, RAND Technical Report TR-1190, January, 2012.

Tom LaTourette and John Mendeloff, *Mandatory Workplace Safety and Health Programs: Implementation, Effectiveness, and Benefit-Cost Trade-Offs*. RAND Technical Report-604-PA (2008).

John Mendeloff, Christopher Nelson, Kilkon Ko, Amelia Haviland. *Small Business and Workplace Fatality Risk: An Exploratory Analysis*. RAND Technical Report TR-371-ICJ (2006). A revised version appears as John Mendeloff, Christopher Nelson, Kilkon Ko, Amelia Haviland “Small Businesses and Workplace Fatality Risks,” Chapter 4 in *In the Name of Entrepreneurship?: The Logic and Effects of Special Regulatory Treatment for Small Business*, eds. Susan M. Gates and Kristin J. Leuschner (RAND Corporation: Santa Monica, CA, 2007).

### **RAND Working Papers**

John Mendeloff and Seth Seabury, “Process Safety Metrics and Research Options,” December 2012.

Amelia Haviland, Wayne Gray, Regan Main, Jing Xia, John Mendeloff, “Are There Unusually Effective Inspectors and Inspection Practices?” March 2012.

John Mendeloff and Seth Seabury, “Evaluating Possible Deterrence Programs for the U.S. Department of Labor,” PM-4017-DOL, February 2012.

### **Articles**

#### **Under Review**

John Mendeloff, Wayne B. Gray, Tanya Stasio. “Comparing the Number of Construction Industry Deaths Reported by CFI and Investigated by OSHA”.

#### **Articles in Preparation-**

“The Role of Public Policies in Preventing Construction Fatalities,” Wayne B. Gray, John Mendeloff

“Variations in State OSHA Programs: Their Contributions to Preventing Construction Fatalities,” John Mendeloff, Wayne B. Gray

“The Impact of OSHA Inspections on Occupational Illnesses,” John Mendeloff, Wayne B. Gray

#### **Published or Accepted for Publication**

John Mendeloff, Wayne B. Gray, Frank Neuhauser, Phil Armour, “The Re-Occurrence of Violations in Occupational Safety and Health Administration Inspections,” forthcoming in *Regulation and Governance*, 2020.

John Mendeloff, “Compliance in Occupational Safety and Health” in *Cambridge Handbook of Compliance*, eds., D. Daniel Sokol and Benjamin van Rooij. Cambridge University Press 2020

John Mendeloff, "The Distribution of the Costs and Benefits of OSHA Regulation," in *Who Wins, Who Loses: Inequality and the Distribution of Regulatory Impacts*, ed. Cary Coglianese. Brookings Press, 2020.

John Mendeloff, "The Arithmetic of Efficiency," in *Teaching Benefit-Cost Analysis*, ed. Scott Farrow (Edward Elgar, 2018)

Seth Seabury, John Mendeloff, Frank Neuhauser, "Is Occupational Injury Risk Higher at New Firms?" *Industrial Relations*, 53;1:28-45, January 2014.

John Mendeloff, Maryann D'Alessandro, Hangsheng Liu, Jessica Kopsic, Elizabeth Steiner, Rachel Burns. "Using OSHA inspection data to analyze respirator protection," *Monthly Labor Review*, December, 2013.

John Mendeloff and Laura Staetsky, "Occupational Fatality Rates in the United States and United Kingdom," *American Journal of Industrial Medicine* doi 10.1002/ajim.22258. 9/30/13.

John Mendeloff (2013) "Refinery Process Safety Performance and Models of Government-Industry Relations," CT-392, June 2013 Testimony submitted before the California Department of Industrial Relations and the Governor's Task Force on Refinery Safety.

John Mendeloff, Bing Han, Lauren Fleischman-Mayer, Joseph V. Vesely (2013), "Evaluation of Process Safety Indicators Collected in Conformance with ANSI/API Recommended Practice 754," *Journal of Loss Prevention in the Process Industries*, <http://dx.doi.org/10.1016/j.jlp.2013.03.001>

Seth Seabury, Christopher McLaren, Robert Reville, Frank Neuhauser, John Mendeloff, "Workers' Compensation Experience Rating and Return to Work." *Policy and Practice in Health and Safety* Volume 10:97-116 (2012).

Amelia Haviland, Rachel Burns, Wayne Gray, Teague Ruder, John Mendeloff. "The Impact of OSHA Inspections on Lost Time Injuries: Pennsylvania Manufacturing, 1998-2005." *American Journal of Industrial Medicine*. 7 May 2012 doi:10.1002/ajim.22062

John Mendeloff, Rachel Burns. "States with Low Non-Fatal Injury Rates Have High Fatality Rates and Vice-Versa," *American Journal of Industrial Medicine*. 2 Apr 2012. doi:1002/ajim.22047

Amelia Haviland, Rachel Burns, Wayne Gray, Teague Ruder, John Mendeloff. "What Kinds of Injuries Do OSHA Inspections Prevent?" *Journal of Safety Research* (2010) doi:10.1016/j.jsr.2010.03.005

Hangsheng Liu, Rachel Burns, Agnes Schaefer, Teague Ruder, Christopher Nelson, Amelia Haviland, John Mendeloff. "The Pennsylvania Certified Safety Committee Program: An Evaluation of Participation and Effects on Work Injury Rates." *American Journal of Industrial Medicine*

(2010) 53:780-791.

Kilkon Ko, John Mendeloff, Wayne Gray. "The Effect of Inspection Sequence on Non-Compliance Found in OSHA Inspections." *Regulation and Governance* (2010) 4:48-70.

Nicholas G. Castle, John Engberg, John Mendeloff, and Rachel Burns, "A National View of Workplace Injuries in Nursing Homes." *Health Care Management Review* (2009) 34:92-103.

John Mendeloff, "Discussion Report: Do We Try to Teach Our Students Too Much?" *Journal of Policy Analysis and Management*, 27;3 (2008).

Ulrike Hotopp, with John Mendeloff, Sandra Sinclair, Emile Tompa, Dorte Eltard, Birgit Koeper, and Alan Clayton, "The institutional and regulatory settings for occupational health and safety: an international survey," Chapter 6 in *Economic Evaluation of Interventions for Occupational Health and Safety*, eds. Emile Tompa and Anthony Culyer (Oxford University Press, 2008) I wrote the section on the United States.

Wayne B. Gray and John Mendeloff, "The Declining Effects of OSHA Inspections on Manufacturing Injuries, 1979-1998." *Industrial and Labor Relations Review* (2005) 58:781-587.

John Mendeloff and Wayne B. Gray, "Inside the Black Box: How do OSHA Inspections Lead to Reductions in Injuries?" *Law and Policy* (2005) 27:219-237

John Mendeloff, Kilkon Ko, Mark Roberts, Margaret Byrne, Mary Amanda Dew, "Organ Procurement as a Health Investment," *Transplantation* (2004)

Si Kyung Seong and John Mendeloff, "Assessing the Accuracy of OSHA's Projections of the Benefits of New Safety Standards," *American Journal of Industrial Medicine*, (2004) 45:313-328.

John Mendeloff, "Regulatory Approaches to Preventing Workplace Injury," pp. 205-226 in *Preventing and Managing Disabling Injuries at Work*, eds., Terence Sullivan and John Frank (Taylor & Francis, London: 2003).

Jeffrey S. Smith and John Mendeloff, "A Quantitative Analysis of Factors Affecting PELs and TLVs for Carcinogens." *Risk Analysis*, December, 1999.

John Mendeloff, "Review Essay on Policy Analysis Texts," *Journal of Policy Analysis and Management*, Spring 1998, pp, 348-355.

Sarah Scholle, Kelly Kelleher, George Childs, John Mendeloff, William Gardner, "Changes in Medicaid Managed Care Enrollment Among Children," *Health Affairs*, March-April, 1997, pp. 164-170.

John Mendeloff, "Decision Analysis and FDA Drug Review: A Proposal for Shadow Advisory Committees," *Risk*, Summer, 1995, pp. 203-214.

Edward H. Hannan, John Mendeloff, Louise Farrell, C. Gene Cayten, and Jane G. Murphy, "Multivariate Models for Predicting Survival of Trauma Patients with Low Falls: The Impact of Gender and Pre-Existing Conditions," *Journal of Trauma*, 38:697-704, 1995.

Edward H. Hannan, John Mendeloff, Louise Farrell, C. Gene Cayten, and Jane G. Murphy. "Validation of TRISS and ASCOT Using a Non-MTOS Trauma Registry." *Journal of Trauma*, 38:83-88, 1995.

John Mendeloff, "Overcoming Barriers to Better Regulation," *Law and Social Inquiry* 18:4 (1993), pp. 711-729.

John Mendeloff, "The Feasibility of Strict and Extensive Rulemaking." *Journal of Health Politics, Policy, & Law*, 16:19-24, 1991.

John Mendeloff, "Comment on 'Implications of OSHA's Reliance on TLVs in Developing the Air Contaminants Standard'," *American Journal of Industrial Medicine*, 19:681-683, 1991.

John Mendeloff, Colene Byrne and Richard Freeman. "Trends in Kidney Transplantation and Procurement in New York State," *New York Journal of Medicine*, May 1991, pp. 184-188.

John Mendeloff and C. Gene Cayten, "Trauma Systems and Public Policy", in *Annual Review of Public Health* ed., Gilbert Omenn (Palo Alto: Annual Reviews Inc., 1991) pp. 401-424.

John Mendeloff and Betsy T. Kagey. "Using OSHA Accident Investigations to Study Patterns in Work Fatalities," *Journal of Occupational Medicine*, November, 1990, pp. 1117-1123.

John Mendeloff and Robert Kaplan, "Are Large Differences in 'Life-Saving' Costs Justified?: A Psychometric Study of the Relative Value Placed on Preventing Deaths," *Risk Analysis*, 9:3 (Fall 1989), pp. 349-363.

John Mendeloff and Robert Kaplan, "Are Twenty-Fold Differences in 'Life-Saving' Costs Justified?" , in *Proceedings of the 1986 Society for Risk Analysis Research Conference*. ed., Paolo Ricci (New York: Plenum, 1988).

John Mendeloff, "Regulatory Reform and OSHA Policy," *Journal of Policy Analysis and Management*, Spring 1986, pp. 440-468.

Clifford Grobstein, Michael Flower, and John Mendeloff. "Frozen Embryos: Policy Issues," *New England Journal of Medicine* (1985) 312:1584-88.



John Mendeloff, "The Politics of Bioethical Commissions: Muddling Through and the Slippery Slope," *Journal of Health Politics, Policy, and Law*, Spring 1985, pp. 81-92.

John Mendeloff, "The Role of OSHA Violations in Serious Workplace Accidents," *Journal of Occupational Medicine*, May 1984, pp. 353-360.

Clifford Grobstein, Michael Flower, John Mendeloff. "External Human Fertilization: A Policy Assessment," *Science* (1983), 222:127-133.

John Mendeloff, "Measuring Elusive Benefits: On the Value of Health," *Journal of Health Politics, Policy and Law*, (Fall, 1983), pp.554-580. Reprinted in *Health Policy*, ed., James W. Bjorkman and Christa Altenstetter, (Northampton: Edward Elgar, 1998) and *Contemporary Moral Controversies in Technology*, ed. A. Pablo Iannone (New York: Oxford University Press, 1987).

John Mendeloff, "Automobile Passive Restraints: Another Look" in *Reforming Social Regulation*, eds., Leroy Graymer and Frederick Thompson (Beverly Hills: Sage, 1982), pp. 93-110.

John Mendeloff, "Does Overregulation Cause Underregulation?: The Case of Toxic Substances," *Regulation*, September-October 1981, 47-52.

John Mendeloff, "Using Taxes in Place of Regulation: OSHA and the Political Problem," *Taxing and Spending*, Autumn, 1980, pp. 79-88.

John Mendeloff, "Reducing Occupational Health Risks: Uncertain Effects and Unstated Benefits," *Technology Review*, May 1980, pp. 66-78.

John Mendeloff, "Welfare Procedures and Welfare Error Rates: An Alternative Perspective," *Policy Analysis*, 3:3 (Summer 1977), pp. 357-374. Reprinted in *New Strategic Perspectives on Social Policy*, ed., John E. Tropman et. al. (Pergamon Press, New York, 1981).