

BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
Douglas W. Dockery	Professor Environmental Health, HSPH Epidemiologist, BWH

<u>EDUCATION/TRAINING</u>			
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
University of Maryland	B.S.	1969	Physics
Massachusetts Institute of Technology	M.S.	1972	Meteorology
Harvard School of Public Health	M.S.	1974	Env. Health
Harvard School of Public Health	Sc.D.	1979	Env. Health

Positions and Honors.

1972-1973	General Physical Scientist, Environmental Protection Agency, Boston, MA
1979-1987	Research Associate in Environmental Health, Harvard School of Public Health
1987-1990	Assistant Professor of Environmental Science and Physiology, Harvard School of Public Health
1988-1992	Assistant Professor of Medicine (Epidemiology), Harvard Medical School
1990-1998	Associate Professor of Environmental Epidemiology, Harvard School of Public Health
1992-present	Associate Professor of Medicine (Epidemiology), Harvard Medical School
1998-present	Professor of Environmental Epidemiology, Harvard School of Public Health

Selected peer-reviewed publications (in chronological order).

- Cunningham, J. O'Connor G.T., **Dockery D.W.**, Speizer FE (1996). Environmental tobacco smoke, wheezing, and asthma in children in 24 communities. *Am. J. Resp. Crit. Care Med.* 153:218-224.
- Cunningham J., **Dockery D.W.**, Speizer FE (1996). Race, asthma, and persistent wheeze in Philadelphia schoolchildren. *Am. J. Pub. Health* 86(10):1-4.
- Dockery DW**, Cunningham J., Damokosh AI, Neas LM, Spengler JD, et al. (1996). Health effects of acid aerosols on North American children: respiratory symptoms. *Env. Health Persp.* 104:500-504.
- Raizenne, M., Neas LM, Damokosh AI, **Dockery DW**, Spengler JD, Koutrakis P, Ware JH, Speizer FE (1996). Health effects of acid aerosols on North American children: pulmonary function. *Environ. Hlth. Persp.* 104(5): 506-514.
- Spengler JD, Koutrakis P, **Dockery DW**, Raizenne M, Speizer FE (1996). Health effects of acid aerosols on North American children: Air pollution exposures. *Environ. Hlth. Persp.* 104:492-499.
- Neas LM, **Dockery DW**, Burge, H., Koutrakis, P.I, Speizer FE (1996). Fungus spores, air pollutants and other determinants of peak expiratory flow rate in children. *Am. J. Epid.* 143: 797-807.
- Peters A, Goldstein, I.F., Beyer, U., Franke, K., Heinrich, J., **Dockery DW**, Spengler JD, Wichmann, H.-E. (1996). Acute health effects of exposure to high levels of air pollution in Eastern Europe. *Am. J. Epid.* 6:570-581.

- Peters A, **Dockery DW**, Medication use modifies the health effects of particulate sulfate air pollution in children with asthma. *Environ. Hlth. Persp.* 1997;105:430-435.
- Korrick S, Neas L, **Dockery DW**, Gold D, Allen G, Hill L, Kimball K, Rosner B, Speizer F: Effects of ozone and other pollutants on the pulmonary function of adult hikers. *Environmental Health Perspectives* 1998 106(2):93-99.
- Chew GL, Burge HA, **Dockery DW**, Muilenberg ML, Weiss ST, Gold DR. Limitations of a home characteristics questionnaire as a predictor of indoor allergen levels. *Am Rev Respir Crit Care Med* 1998; 157: 1536-1541.
- Brain J, Long N, Wolfthath S, Dumyahn T, **Dockery D**. Pulmonary toxicity in hamsters of smoke particles from Kuwaiti oil fires. *Environmental Health Perspectives* 1998;106(3):141-146.
- Neas LM, **Dockery DW**, Koutrakis P, Speizer F. Fine Particles and Peak Flow in Children; Acidity versus mass. *Epidemiology* 1999;10;550-3.
- Neas LM, Schwartz J, **Dockery D**. A case-crossover analysis of Air pollution and mortality in Philadelphia. *Environmental Health Perspectives* 1999;107(8):629-31.
- Pope CA, **Dockery DW**, Kanner RE, Villegas GM, Schwartz J Daily changes in oxygen saturation and pulse rate associated with particulate air pollution and barometric pressure. *Am J Resp Crit Care* 1999; 159: 365-372.
- Gold DR, Damokosh AI, Pope CA III, **Dockery DW**, McDonnell WF, Serrano P, Retama A, Castijellos M. Particulate and ozone pollutant effects on the respiratory function of children in southwest Mexico City. *Epidemiology* 1999; 10: 8-16.
- O'Connor GT, Sparrow D, DeMolles D, **Dockery D**, Raizenne M, Fay M, Ingram R, Speizer F. Maximal and partial expiratory flow rates in a population sample of 10- to 111-yr-old Schoolchildren. *Am J Crit Care Med* 2000;162(2 pt 1):436-9.
- Peters A, Liu E, Verrier RL, Schwartz J, Gold DR, Mittleman M, Baliff J, Oh A, Allen G, Monahan K, **Dockery D**. Air pollution and incidence of cardiac arrhythmia. *Epidemiology* 2000;11:11-17.
- Zeger SL, Dominici F, Samet JM, Thomas D, Schwartz J, **Dockery D**, Cohen A. Exposure measurement error in time-series studies of air pollution. *Environ Health Perspectives* 2000; 108:419-426
- Laden F, Neas LM, **Dockery DW**, Schwartz J Association of fine particulate matter from different sources with daily mortality in six US cities. *Environmental Health Perspectives* 2000, 108:1071-77.
- Dockery DW. Epidemiologic evidence of cardiovascular effects of particulate air pollution. *Environ Health Perspect*, 2001;109(suppl 4):483-486.
- Rogan WJ, Dietrich KV, Ware JH, **Dockery DW**, Slagnik M, Radcliffe J, Jones RL, Ragan NB, Chilsaln JJ, Rhoads GG. Effects of succimer chelation on cognitive, neurophysiological and behavioral measures in lead exposed children. *New England Journal of Medicine*, 2001;344(19):1421-1426.
- Clancy L, Goodman P, Sinclair H, **Dockery DW**, Effect of air-pollution control on death rates in Dublin, Ireland: an intervention study. *The Lancet* 2002; 360:1210-1214.
- Wright, J.M., Schwartz J, Vartiainen, T., Maki-Paakkanen, J., Altshul, L., **Dockery, DW**, Harrington, J.. 3 Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX) and mutagenic activity in Massachusetts Drinking Water. *Environ. Hlth. Perspect.* 2002;110:157-164.