

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Jonathan Levy, Sc.D.		Assistant Professor of Environmental Health and Risk Assessment	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Harvard College, Cambridge, MA	B.A.	1993	Applied Mathematics
Harvard School of Public Health, Boston, MA	Sc.D.	1999	Environmental Science and Risk Management
Harvard School of Public Health, Boston, MA	-	1999-2001	Post-doctoral research fellow, Environmental Health and Biostatistics

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Experience

1993-1996 Associate Consultant, Pizzano and Company, Stoneham, MA
 1999-2001 Research Fellow, Departments of Environmental Health and Biostatistics, Harvard School of Public Health, Boston, MA
 2001-present Assistant Professor, Department of Environmental Health and Health Policy and Management, Harvard School of Public Health, MA

Honors and Awards

1990-1993 John Harvard Scholarship for top academic achievement
 1993 Phi Beta Kappa, Harvard College branch
 1997-1998 Air and Waste Management Association Scholar, First Place
 1999 Howard Raiffa Student Achievement Award

B. Selected peer-reviewed publications (in chronological order, selected).

1. **Levy JI**, Lee K, Spengler JD, Yanagisawa Y, Bischof W, Braathen O, Chung Y, Coward S, Gutschmidt K, Jin K, Korenaga T, Ohkoda Y, Meneses F, Pastuszka J, Patil RS, Qing X, Raizenne M, Salonen MO, Sega K, Seifert B, Shah S, Torres E, Yoon D, Zhang X. Impact of residential nitrogen dioxide exposure on personal exposure: An international study. *J Air Waste Manage Assoc* 48: 553-560 (1998).
2. Segui-Gomez M, **Levy J**, Graham J. Airbag safety and the distance of the driver from the steering wheel. [Letter] *NEJM* 339: 132-133 (1998)
3. Lee K, **Levy JI**, Yanagisawa Y, Spengler JD, Billick IH. The Boston residential nitrogen dioxide characterization study: Classification and prediction of indoor NO₂ exposure. *J Air Waste Manage Assoc* 48: 736-742 (1998).
4. **Levy JI**, Lee K, Yanagisawa Y, Hutchinson P, Spengler JD. Determinants of nitrogen dioxide concentrations in indoor ice skating rinks. *Am J Pub Health* 88: 1781-1786 (1998).
5. **Levy JI**, Nishioka Y, Gilbert K, Cheng C, Burge HA. Variabilities in associations between aerosolizing activities and airborne fungal concentrations in a bakery. *Am Ind Hygiene Assoc J* 60: 317-325 (1999).

6. Segui-Gomez M, **Levy J**, Roman H, Thompson KM, McCabe K, Graham JD. Driver distance from the steering wheel: Perception and objective measurement. *Am J Pub Health* 89: 1109-1111 (1999).
7. **Levy JI**, Hammitt JK, Yanagisawa Y, Spengler JD. Development of a new damage function model for power plants: Methodology and applications. *Environ Sci Technol* 33: 4364-4372 (1999).
8. Hammitt JK, Belsky E, **Levy J**, Graham JD. Residential building codes, affordability, and health protection: A risk-tradeoff approach. *Risk Anal* 19: 1037-1058 (1999).
9. **Levy JI**, Hammitt JK, Spengler JD. Estimating the mortality impacts of particulate matter: What can be learned from between-study variability? *Environ Health Perspect* 108:109-117 (2000).
10. **Levy JI**, Dilwali K. Economic incentives for sustainable resource consumption at a large university: Past performance and future considerations. *Int J Sustainability Higher Ed* 1: 252-266 (2000).
11. **Levy JI**, Houseman EA, Ryan L, Richardson D, Students from the 1998 Summer Program in Biostatistics, Spengler JD. Particle concentrations in urban microenvironments. *Environ Health Perspect* 108: 1051-1057 (2000).
12. **Levy JI**, Houseman EA, Spengler JD, Loh P, Ryan L. Fine particulate matter and polycyclic aromatic hydrocarbon concentration patterns in Roxbury, Massachusetts: A community-based GIS analysis. *Environ Health Perspect* 109: 341-347 (2001).
13. **Levy JI**, Carrothers TJ, Tuomisto J, Hammitt JK, Evans JS. Assessing the public health benefits of reduced ozone concentrations. *Environ Health Perspect* 109: 1215-1226 (2001).
14. **Levy JI**, Spengler JD. Modeling the benefits of power plant emission controls in Massachusetts. *J Air Waste Manage Assoc* 52: 5-18 (2002).
15. **Levy JI**, Spengler JD, Hlinka D, Sullivan D, Moon D. Using CALPUFF to evaluate the impacts of power plant emissions in Illinois: Model sensitivity and implications. *Atmos Environ* 36: 1063-1075 (2002).
16. **Levy JI**, Dumyahn T, Spengler JD. Particulate matter and polycyclic aromatic hydrocarbon concentrations in indoor and outdoor microenvironments in Boston. *J Exp Anal Environ Epi* 12: 104-114 (2002).
17. Houseman EA, Ryan L, **Levy JI**, Spengler JD. Autocorrelation in real-time continuous monitoring of microenvironments. *J Applied Statistics* 29: 855-872 (2002).
18. **Levy JI**, Wolff SK, Evans JS. A regression-based approach for estimating primary and secondary particulate matter intake fractions. *Risk Anal* 22: 895-904 (2002).
19. Nishioka Y, **Levy JI**, Norris GA, Wilson A, Hofstetter P, Spengler JD. Integrating risk assessment and life cycle assessment: A case study of insulation. *Risk Anal* 22: 1003-1017 (2002).
20. Evans JS, Wolff S, Phonboon K, **Levy JI**, Smith K. Exposure efficiency: An idea whose time has come? *Chemosphere* 1075-1091 (2002).
21. **Levy JI**, Greco SL, Spengler JD. The importance of population susceptibility for air pollution risk assessment: A case study of power plants near Washington, DC. *Environ Health Perspect* 110: 1253-1260 (2002).
22. Zhou Y, **Levy JI**, Hammitt JK, Evans JS. Estimating population exposure to power plant emissions using CALPUFF – A case study in Beijing, China. *Atmos Environ* 37 (6): 815-826 (2003).
23. **Levy JI**. Issues and uncertainties in estimating the health benefits of air pollution control. *J Toxicol Environ Health*, in press.
24. Cohen JT, Hammitt JK, **Levy JI**. A cost-effectiveness evaluation of alternative propulsion technologies for urban transit buses. *Environ Sci Technol*, in press.