

## Curriculum Vitae: MATTHEW J. NEIDELL

Department of Health Policy and Management  
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### EDUCATION

1997-2002 Ph.D., Economics, UCLA  
1990-1994 B.A., Economics, Duke University

### EMPLOYMENT

2008-present Faculty Research Fellow, National Bureau of Economic Research  
2004-present Assistant Professor, Department of Health Policy and Management, Mailman School of Public Health, Columbia University.  
2002-2004 Post-doctoral Research Associate, Department of Economics and Center for Integrating Statistical and Environmental Science, University of Chicago.

### FIELDS OF SPECIALIZATION

Health Economics, Environmental Economics, and Labor Economics.

### PUBLICATIONS

“Air quality warnings and outdoor activities: Evidence from Southern California using a regression discontinuity design.” Accepted, *Journal of Epidemiology and Community Health*.

“Program Participation of Immigrant Children: Evidence from the Local Availability of Head Start,” with Jane Waldfogel. *Economics of Education Review*, forthcoming.

“Voluntary Information Programs and Environmental Regulation: Evidence from ‘Spare the Air’,” with W. Bowman Cutter. *Journal of Environmental Economics and Management*, forthcoming.

“The Economic Value of Teeth,” with Sherry Glied. *Journal of Human Resources*, forthcoming.

“Cognitive and Non-Cognitive Peer Effects in Early Education,” with Jane Waldfogel. *Review of Economics and Statistics*, forthcoming.

“Medical Technology Adoption, Uncertainty, and Irreversibilities: Is a Bird in the Hand Really Worth More than the Bush?” with Joshua Graff Zivin. *Health Economics*, forthcoming.

“Health care savings attributable to integrating guidelines-based asthma care in the pediatric medical home,” with Roy Grant, Shawn Bowen, Timothy Prinz, and Irwin Redlener. *Journal of Health Care for the Poor and Underserved*, forthcoming.

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“Does Pollution Increase School Absences?” with Janet Currie, Eric Hanushek, E. Megan Kahn, and Steven Rivkin. *Review of Economics and Statistics*, forthcoming.

“Days of Haze: Environmental Information Disclosure and Intertemporal Avoidance Behavior,” with Joshua Graff Zivin. *Journal of Environmental Economics and Management*, 58(2), 2009.

“Effects of a Prekindergarten Educational Intervention on Adult Health: 37-Year Follow-Up Results of a Randomized Controlled Trial,” with Peter Muennig, Lawrence Schweinhart, and Jeanne Montie. *American Journal of Public Health*, 99(8), 2009.

“Air Pollution and Infant Health: Lessons from New Jersey,” with Janet Currie and Johannes Schmieder. *Journal of Health Economics*, 28(3), 2009.

“Information, Avoidance Behavior, and Health: The Effect of Ozone on Asthma Hospitalizations.” *Journal of Human Resources*, 44(2), 2009.

“Getting Inside the 'Black Box' of Head Start Quality: What Matters and What Doesn't?” with Janet Currie, *Economics of Education Review*, 26(1), 2007.

“Air Pollution and Infant Health: What Can We Learn from California’s Recent Experience?” with Janet Currie, *Quarterly Journal of Economics*, 120(3), 2005.

“Air Pollution, Health, and Socio-Economic Status: The Effect of Outdoor Air Quality on Childhood Asthma,” *Journal of Health Economics* 23(6), 2004.

### BOOK CHAPTERS

“Treatment Uncertainty and Irreversibility in Medical Care: Implications for Cost-Effectiveness Analysis,” in The Economics of New Health Technologies - Incentives, Organization and Financing, J Costa-Font, C Courbage, and A McGuire (Eds.), Oxford University Press, forthcoming. (with Lauri Feldman and Joshua Graff Zivin)

### WORKING PAPERS

“Pollution, Health, and Avoidance Behavior: Evidence from the Ports of Los Angeles,” with Enrico Moretti. Revision requested by *Journal of Human Resources*, NBER Working Paper 14939.

“Long Term Effects of Childhood Asthma on Adult Health,” with Jason Fletcher and Jeremy Green. Revision requested by *Journal of Health Economics*.

“Estimates of the association between ozone and asthma hospitalizations that account for behavioral responses to air quality information,” with Patrick Kinney. Revision requested by *Environmental Science and Policy*.

## Curriculum Vitae: MATTHEW J. NEIDELL

“Supply side effects of government service provision: Evidence from community water fluoridation,” with Katherine Ho. Under journal review. NBER Working Paper 15056.

“Cost of developmental delay from prenatal exposure to airborne polycyclic aromatic hydrocarbons,” with Katherine Weiland, Virginia Rauh, and Frederica Perera. Under journal review.

“The Association between Water Fluoridation and Adult Tooth Loss,” with Sherry Glied and Karin Herzog. Under journal review.

“Labored Supply? Climate Change and the Allocation of Time,” with Joshua Graff Zivin.

### POPULAR PRESS AND POLICY NOTES

*NBER Digest*, “Pollution, Health, and Avoidance Behavior,” August 2009 (by Lester Picker).

*NBER Digest*, “Air Pollution and Infant Health,” February 2009 (by Linda Gorman).

*NBER Digest*, “Having Good Teeth Can Pay Off,” November 2008 (by Linda Gorman).

*New York Times (Freakonomics)*, “The Economics of Teeth, and Other Beauty Premiums,” May 26, 2008 (by Stephen Dubner).

*Wall Street Journal (Real Time Economics)*, “The Economics of Good Oral Hygiene,” March 19, 2008 (by Justin Lahart).

*Atlantic Monthly*, “The Grin Dividend,” Primary Sources, January, 2008.

*PERC Reports*, “Air Pollution and Infant Mortality,” Volume 24, No.4, December 2006 (by Daniel Benjamin).

*San Francisco Chronicle*, “Too Young to Die, Part Two: Toxic Legacy,” October 4, 2004 (by Reynolds Holding and Erin McCormick).

*NBER Bulletin on Aging and Health*, “The Effect of Air Pollution on Infant Health,” Spring 2004 Issue (by Courtney Coile)

*Wall Street Journal*, “What Smog Alerts Might Teach Mr. Ridge,” March 28, 2002 (by David Wessel)

### GRANTS AND HONORS

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|-----------|---|
| 2007-2012 | National Institute of Nursing Research, National Institutes of Health, “Distribution of the Costs of Antimicrobial Resistant Infections.” Role: Co-PI |
| 2008-2009 | Institute for Social and Economic Research and Policy (seed grant), “The impact of air quality on the productivity of agricultural workers.” Role: PI |

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- 2008-2009 NIEHS Center for Environmental Health in Northern Manhattan (seed grant), “The impact of air quality on the productivity of agricultural workers.” Role: PI
- 2008-2009 Columbia Center for Homelessness Prevention Studies (seed grant), “The impact of recent initiatives to end United States homelessness on measures of health utilization and health,” with Ty Wilde. Role: Co-PI
- 2007-2008 Irving Institute Collaborative and Multidisciplinary Pilot Research (CaMPR) Awards (seed grant), “Gravity Neutral Orthotic (GNO) - Design and evaluation of a novel rehabilitation device for people with severe physical disability.” Role: Co-PI
- 2005-2008 Environmental Protection Agency Science to Achieving Results Grant, “Information, Altruism, and Regulation: Evidence from ‘Spare the Air’ Using a Regression Discontinuity Approach,” with W. Bowman Cutter. Role: PI
- 2005-2007 The Spencer Foundation, “Spillover Effects from Early Education: Evidence from Head Start,” with Jane Waldfogel. Role: PI
- 2005-2006 Calderone Research Prize (seed grant), “The Economic Value of Teeth: Evidence from Water Fluoridation.” Role: PI
- 2003-2004 California Center for Population Research Small Grants Program, “Air Pollution, Health, and Socio-Economic Status: Evidence from the Port of Los Angeles,” with Enrico Moretti. Role: Co-PI
- 2001-2002 Joseph L. Fisher Dissertation Award, Resources for the Future.
- 2001-2002 Outstanding Student Award, UCLA Program in Economic Demography.
- 2000-2001 Maternal and Child Health Training Grant (under Neal Halfon), Department of Health and Human Services.
- 2000 Attendee, UC-Berkeley Russell Sage Summer Institute in Behavioral Economics.
- 1999-2000 Research Mentorship (under Janet Currie), UCLA Graduate Division.

### REFeree

*American Economic Review, Quarterly Journal of Economics, American Economic Journal: Economic Policy, Journal of Labor Economics, Journal of Human Resources, Journal of Health Economics, Southern Economic Journal, Sociology of Education, Economics of Education Review, B.E. Journal of Economic Analysis & Policy, Journal of Environmental Economics and Management, Canadian Journal of Economics, Eastern Economic Journal, Economic Inquiry.*

### INVITED PRESENTATIONS

- 2008-2009 Yale University, University of Maryland, University of Illinois-Chicago, Triangle Resource and Environmental Economics (Duke, NC State, RTI)
- 2007-2008 Boston University/Harvard University, Medical University of South Carolina, Dartmouth College, University of Michigan, Cornell University, Federal Reserve Bank of New York, EPA National Air Quality Conference (plenary session)
- 2006-2007 NBER Summer Institute (Health Economics), Rice University/University of Houston, Princeton University, Texas A&M

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- 2004-2005 Brown University
- 2003-2004 NBER Summer Institute (Health Economics), UC-Berkeley, UCLA, MIT, University of Illinois
- 2002-2003 NBER Summer Institute (Public Policy and the Environment), University of Chicago, American Economic Association Annual Meeting, Southern Economic Association Annual Meeting
- 2001-2002 Latin American and Caribbean Economics Association Annual Meeting, RAND/UCLA, UC-Berkeley