

Curriculum Vitae: MATTHEW J. NEIDELL

Department of Health Policy and Management
Mailman School of Public Health
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EMPLOYMENT

- 2011-present Associate Professor (with tenure), Department of Health Policy and Management, Mailman School of Public Health, Columbia University.
- 2008-present Faculty Research Fellow, National Bureau of Economic Research
- 2004-2011 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.

EDUCATION

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

FIELDS OF SPECIALIZATION

Environmental Economics, Health Economics, and Labor Economics.

PUBLICATIONS – ECONOMICS JOURNALS

“Water Quality Violations and Avoidance Behavior: Evidence from Bottled Water Consumption,” with Joshua Graff Zivin and Wolfram Schlenker. *American Economic Review Papers and Proceedings*, 101(3), 2011.

“Pollution, Health, and Avoidance Behavior: Evidence from the Ports of Los Angeles,” with Enrico Moretti. *Journal of Human Resources*, 46(1), 2011.

“Cognitive and Non-Cognitive Peer Effects in Early Education,” with Jane Waldfogel. *Review of Economics and Statistics*, 92(3), 2010.

“The Economic Value of Teeth,” with Sherry Glied. *Journal of Human Resources*, 45(2), 2010.

“Long Term Effects of Childhood Asthma on Adult Health,” with Jason Fletcher and Jeremy Green. *Journal of Health Economics*, 29(3), 2010.

“Medical Technology Adoption, Uncertainty, and Irreversibilities: Is a Bird in the Hand Really Worth More than the Bush?” with Joshua Graff Zivin. *Health Economics*, 19(2), 2010.

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“Voluntary Information Programs and Environmental Regulation: Evidence from ‘Spare the Air,’” with W. Bowman Cutter. *Journal of Environmental Economics and Management*, 58(3), 2009.

“Program Participation of Immigrant Children: Evidence from the Local Availability of Head Start,” with Jane Waldfogel. *Economics of Education Review*, 28(6), 2009.

“Does Pollution Increase School Absences?” with Janet Currie, Eric Hanushek, E. Megan Kahn, and Steven Rivkin. *Review of Economics and Statistics*, 91(4), 2009.

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

PUBLICATIONS – PUBLIC HEALTH JOURNALS

“The effect of an early education program on adult health: the Carolina Abecedarian Project randomized controlled trial,” with Peter Muennig, Dylan Robertson, Gretchen Johnson, Frances Campbell, and Elizabeth Pungello. *American Journal of Public Health*, 101(3), 2011.

“Cost of developmental delay from prenatal exposure to airborne polycyclic aromatic hydrocarbons,” with Katherine Weiland, Virginia Rauh, and Frederica Perera. *Journal of Health Care for the Poor and Underserved*, 22(1), 2011.

“The Association between Community Water Fluoridation and Adult Tooth Loss,” with Sherry Glied and Karin Herzog. *American Journal of Public Health*, 100(10), 2010.

“Factors Associated with Variation in Estimates of the Cost of Resistant Infections,” with Bevin Cohen, Elaine Larson, Patricia Stone, and Sherry Glied. Accepted, *Medical Care*, 48(9), 2010.

“Air quality warnings and outdoor activities: Evidence from Southern California using a regression discontinuity design.” *Journal of Epidemiology and Community Health*, 64(10), 2010.

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“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*, 21(2), 2010.

“Estimates of the association between ozone and asthma hospitalizations that account for behavioral responses to air quality information,” with Patrick Kinney. *Environmental Science and Policy*, 13(2), 2010.

“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.

BOOK CHAPTERS

“Treatment Uncertainty and Irreversibility in Medical Care: Implications for Cost-Effectiveness Analysis,” with Lauri Feldman and Joshua Graff Zivin, in The Economics of New Health Technologies - Incentives, Organization and Financing, J Costa-Font, C Courbage, and A McGuire (Eds.), Oxford University Press, 2009.

WORKING PAPERS

“Temperature and the allocation of time: Implication for climate change,” with Joshua Graff Zivin. *NBER Working Paper 15717*.

“The impact of pollution on worker productivity,” with Joshua Graff Zivin. *NBER Working Paper 17004*.

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).

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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

- 2010-2012 National Institute of Environmental Health Sciences, National Institutes of Health, 2010-2012, “The impact of environmental conditions on the productivity of agricultural workers.” Role: PI.
- 2010 Institute of Medicine Committee Member, “Study on an Oral Health Initiative”
- 2008-2013 National Institute of Nursing Research, National Institutes of Health, “Improving Antimicrobial Prescribing Practices in the Neonatal Intensive Care Unit.” Role: Co-I.
- 2007-2012 National Institute of Nursing Research, National Institutes of Health, “Distribution of the Costs of Antimicrobial Resistant Infections.” Role: Co-I.
- 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.
- 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.” 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.” Role: PI.
- 2005-2007 The Spencer Foundation, “Spillover Effects from Early Education: Evidence from Head Start.” 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.” 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.

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2000 UC-Berkeley Russell Sage Summer Institute in Behavioral Economics, Attendee.
1999-2000 Research Mentorship (under Janet Currie), UCLA Graduate Division.

REFEREE

American Economic Review, Quarterly Journal of Economics, American Economic Journal: Economic Policy, Review of Economics and Statistics, Journal of Labor Economics, Journal of Human Resources, Journal of Health Economics, Health Services Research, 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, Science of Total Environment, Economic Inquiry.

INVITED PRESENTATIONS

2010-2011 University of Maryland, CUNY Graduate Center, University of Washington, University of British Columbia, Cornell University

2009-2010 RAND Corporation, UC-Irvine, Yale University, University of Michigan, Tufts University, NBER Spring Meeting (Health Economics)

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

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

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