

NICHOLAS J. SANDERS

Dept. of Economics
Cornell University
MVR Hall
Ithaca, NY 14853

Phone: (607) 255-6485
Fax: (607) 255-4071
njsanders@cornell.edu
<http://njsanders.human.cornell.edu>

Current Positions

Assistant Professor, Department of Economics, Cornell University (2015-)
Faculty Research Fellow, National Bureau of Economic Research (2017-)
Editorial Council, Journal of the Assoc. of Environmental and Resource Economists (2014-)

Prior Positions

Assistant Professor, Dept. of Economics, College of William and Mary (2012-2015)
Postdoctoral Fellow, Stanford Institute for Economic Policy Research (2010-2012)

Fields of Study

Environmental and Health Economics

Education

Ph.D. Economics, University of California, Davis, 2010
M.A. Economics, University of California, Davis, 2005
B.A. Economics and Hispanic Studies, Lewis and Clark College, 2002

Publications

- **Adaptation to Environmental Change: Agriculture and the Unexpected Incidence of the Acid Rain Program** (with Alan I. Barreca), forthcoming in the *American Economic Journal: Economic Policy*
- **Long-Run Pollution Exposure and Mortality: Evidence From the Acid Rain Program** (with Alan I. Barreca and Matthew Neidell), *Journal of Public Economics*, August 2021, Volume 200, 104440
- **Technology and the Effectiveness of Regulatory Programs Over Time: Vehicle Emissions and Smog Checks with a Changing Fleet** (with Ryan Sandler), *Journal of the Association of Environmental and Resource Economists*, May 2020, Volume 7, Number 3, pp. 587–618
- **Estimating Causal Effects of Particulate Matter Regulation on Mortality** (with Alan I. Barreca and Matthew Neidell), *Epidemiology*, March 2020, Volume 31, Number 2, pp. 160-167
- **Success is Something to Sneeze At: Influenza Mortality in Cities that Participate in the Super Bowl** (with Charles Stoecker and Alan I. Barreca), *American Journal of Health Economics*, Winter 2016, Volume 2, Number 1, pp. 125–143
- **Caution Drivers! Children Present: Traffic, Pollution, and Infant Health** (with Christopher R. Knittel and Douglas L. Miller), *Review of Economics and Statistics*, May 2016, Volume 98, Number 2, pp. 350–366
- **Under the Cover of Darkness: How Ambient Light Influences Criminal Activity** (with Jennifer L. Doleac), *Review of Economics and Statistics*, December 2015, Volume 97, Number 5, pp. 1093–1103

- **Where Have All the Young Men Gone? Using Sex Ratios to Measure Fetal Death Rates** (with Charles Stoecker), *Journal of Health Economics*, May 2015, Volume 41, pp. 30-45
- **Verifiable and Non-Verifiable Anonymous Mechanisms for Regulating a Polluting Monopolist** (with James E. Prieger), *Journal of Environmental Economics and Management*, November 2012, Volume 64, Number 3, pp. 410-426
- **What Doesn't Kill You Makes You Weaker: Prenatal Pollution Exposure and Educational Outcomes**, *Journal of Human Resources*, Summer 2012, Volume 47, Number 3, pp. 826-850
- **Ability, Gender, and Performance Standards: Evidence from Academic Probation** (with Jason M. Lindo and Philip Oreopoulos), *American Economic Journal: Applied Economics*, April 2010, Volume 2, Number 2, pp. 95-117

Working Papers in Revision

- **The Mortality Impact of Particulate Matter in China** (with Yazhen Gong, Shanjun Li, and Guang Shi)

Working Papers Under Review

- **Lead Exposure Reduces Academic Performance: Intensity, Duration, and Nutrition Matter** (with Alex Hollingsworth, Mike Huang, and Ivan Rudik), available as NBER WP 28250
- **When Externalities Collide: Influenza and Pollution** (with Joshua Graff Zivin, Matthew Neidell, and Gregor Singer), available as NBER WP 27982

Other Working Papers

- **The Causal Effect of Heat on Violence: Social Implications of Unmitigated Heat Among the Incarcerated** (with Anita Mukherjee), available as NBER WP 28987
- **Toxic Assets: How the Housing Market Responds to Environmental Information Shocks** (with Jeremy Moulton and Scott Wentland)

Work in Progress

- **Capitalization of Flood Insurance in Home Prices** (with Michael Lovenheim, Corbin Miller, and Zihan Hu)

Practitioner and Non-Peer Reviewed Articles

- **Pollution, the Flu Shot, and Hospitalizations**, *Econofact.org*, February 2021
- **The Spread of COVID-19 Shows the Importance of Policy Coordination** (with Joshua Graff Zivin), *Proceedings of the National Academy of Sciences*, December 2020, Volume 117, Number 52, pp. 32842-32844
- **Clearing the Air on the Costs of Air Pollution**, *Econofact.org*, October 2019
- **Fighting Crime with Daylight Saving Time** (with Jennifer L. Doleac), *Brookings Now*, October 2015
- **Navigating the Roadblocks: Identifying the Health Effects of Traffic Pollution**, *Stanford Institute for Economic Policy Research Policy Brief*, September 2011

Teaching

Cornell University

- Introductory Microeconomics
- Microeconomics for Management (Master's Level)
- Microeconomics for Public Affairs (Master's Level)
- Economics and Environmental Policy
- Pollution, Climate, and Health

College of William and Mary

- Introductory Microeconomics
- Industrial Organization
- Microeconomics of Public Policy (Master's Level)

Stanford University

- Public Policy Senior Practicum
- Environmental Economics (Ph.D. Level)

University of California, Davis

- Intermediate Macroeconomics
- Industrial Organization

Awards, Honors, and Grants

Cornell Center for Social Sciences Faculty Fellow (2021-2022) Academic Venture Fund, Atkinson Center for a Sustainable Future (2019); Lone Mountain Fellowship, Property and Environment Research Center (2016); Summer Research Award, William and Mary (2014); Schroeder Health Center Small Grant (2013); Summer Research Award, William and Mary (2013); Roy J. Beaumont Departmental Award, UC Davis (2009); Graduate Travel Award, UC Davis (2009); Graduate Teaching Position Award, UC Davis (2008, 2009); Atmospheric Aerosols and Health Fellowship, UC Davis (2008); Dissertation Research Grant, UC Davis (2007); Summer Research Grant, Institute for Governmental Affairs, UC Davis (2007); Foundation for Teaching Economics Fellowship (2006); Phi Beta Kappa, inducted by Lewis and Clark College (2002); Honors in Hispanic Studies, Lewis and Clark College (2002); Dean's List, Lewis and Clark College (1999-2001); Dean's Scholar, Lewis and Clark College (1998-2002).

Professional Activities

Reviewer: National Science Foundation

Member: American Economic Association, Association of Environmental and Resource Economists

Referee (in approximate alphabetical order): *American Economic Journal: Applied Economics*; *American Economic Journal: Economic Policy*; *American Economic Review*; *American Journal of Agricultural Economics*; *Annals of Epidemiology*; *Annals of Regional Science*; *B.E. Journal of Economic Analysis and Policy*; *Bulletin of Economic Research*; *Canadian Journal of Economics*; *Child Development Perspectives*; *Contemporary Economic Policy*; *Demographic Research*; *Economic Inquiry*; *Economic Journal*; *Economics and Human Biology*; *Economics*

Letters; Economics of Education Review; Education Economics; Education Evaluation and Policy Analysis; Empirical Economics; Environment and Development Economics; Environmental Research; Environmental and Resources Economics; European Journal of Health Economics; Evaluation Review; Global Epidemiology; Health Economics; Inter-Development Bank Series; International Journal of Environmental Research and Public Health; IZA World of Labor; Journal of the Association of Environmental and Resource Economists; Journal of Applied Biobehavioral Research; Journal of Applied Econometrics; Journal of Economic Behavior and Organization; Journal of Environmental Economics and Management; Journal of Environmental Planning and Management; Journal of the European Economic Association; Journal of Health Economics; Journal of Human Resources; Journal of Industrial Economics; Journal of Labor Economics; Journal of Political Economy; Journal of Policy Analysis and Management; Journal of Population Economics; Journal of Public Economics; Journal of Regulatory Economics; Journal of Urban Economics; Land Economics; PLOS Medicine; Proceedings of the National Academy of Sciences; Quarterly Journal of Economics; Review of Economics and Statistics; Science; Science Advances; Social Science Research; Sustainability; Sustainable Cities and Society; William and Mary Policy Review