

SHANTHI NATARAJ

Senior Economist, RAND Corporation
1776 Main Street, Santa Monica, CA 90407
310.393.0411 x6013
snataraj@rand.org

EDUCATION

- 2010 Ph.D. in Agricultural and Resource Economics, University of California, Berkeley.
2000 B.Sc. in Environmental Engineering, Northwestern University.

PROFESSIONAL EXPERIENCE

- 2018- Director, Labor and Workforce Development Program, RAND Education & Labor
2015-2018 Associate Director, Personnel, Training and Health Program, RAND Arroyo Center
2011- Professor, Frederick S. Pardee RAND Graduate School
2010- Economist, RAND Corporation
2009-2010 Consultant, World Bank Development Research Group
2000-2004 Environmental Engineer, Parsons Corporation

JOURNAL PUBLICATIONS

Minhaj Mahmud, Italo Gutierrez, Krishna B. Kumar, and **Shanthi Nataraj**. “What Aspects of Formality Do Workers Value? Evidence from a Choice Experiment in Bangladesh.” *The World Bank Economic Review*, forthcoming.

Italo Gutierrez, Krishna B. Kumar, Minhaj Mahmud, Farzana Munshi, and **Shanthi Nataraj**. “Transitions Between Informal and Formal Employment: Results from a Worker Survey in Bangladesh.” *IZA Journal of Development and Migration* 9, 2019.

Jeffrey Allen, **Shanthi Nataraj**, and Tyler Schipper. “Strict Duality and Overlapping Productivity Distributions between Formal and Informal Firms.” *Journal of Development Economics* 135: 534-554, 2018.

Leslie Martin, **Shanthi Nataraj**, and Ann Harrison, “In with the Big, Out with the Small: Removing Small-Scale Reservations in India.” *American Economic Review* 107(2), 354-386, 2017.

Ann Harrison, Leslie A. Martin, and **Shanthi Nataraj**, “Green Industrial Policy in Emerging Markets.” *Annual Review of Resource Economics* 9, 253-274, 2017.

Shanthi Nataraj, Francisco Perez-Arce, Sinduja Srinivasan, and Krishna B. Kumar, “The Impact of Labor Market Regulation on Employment in Low-Income Countries: A Meta-Analysis.” *Journal of Economic Surveys* 28(3), 551-572, 2014.

Joseph R. Kasprzyk, **Shanthi Nataraj**, Patrick M. Reed, and Robert J. Lempert, “Many Objective Robust Decision Making for Complex Environmental Systems Undergoing Change.” *Environmental Modelling & Software* 43, 55-71, 2013.

Ann Harrison, Leslie Martin, and **Shanthi Nataraj**, "Learning Versus Stealing: How Important are Market-Share Reallocations to India's Productivity Growth?" *World Bank Economic Review* 27(2), 202-228, 2013.

Shanthi Nataraj, "The Impact of Trade Liberalization on Productivity: Evidence from India's Formal and Informal Manufacturing Sectors." *Journal of International Economics* 85, 292-301, 2011.

Shanthi Nataraj and W. Michael Hanemann, "Does Marginal Price Matter? A Regression Discontinuity Approach to Estimating Water Demand". *Journal of Environmental Economics and Management* 61: 198-212, 2011.

WORKING PAPERS

Krishna Kumar, Minhaj Mahmud, **Shanthi Nataraj**, and Yoonyoung Cho. "Employer and Employee Preferences for Worker Benefits: Evidence from a Matched Survey on the Bangladesh Informal Sector." IZA Discussion Paper No. 12064, January 2019.

Jacqueline Fiore, Craig Bond, and **Shanthi Nataraj**, "The Impact of the Deepwater Horizon Spill on Commercial Blue Crab Landings." RAND Working Paper WR-1290-GMA, January 2019.

Prodyumna Goutam, Italo Gutierrez, Krishna Kumar, and **Shanthi Nataraj**. "Does Informal Employment Respond to Growth Opportunities? Trade-Based Evidence from Bangladesh." RAND Working Paper WR-1198, July 2017.

Alexander D. Rothenberg, Samuel Bazzi, **Shanthi Nataraj**, and Amalavoyal V. Chari, "When Regional Policies Fail: An Evaluation of Indonesia's Integrated Economic Development Zones." RAND Working Paper WR-1183, February 2017.

Samuel Bazzi, Amalavoyal V. Chari, **Shanthi Nataraj**, and Alexander D. Rothenberg, "Identifying Productivity Spillovers Using the Structure of Production Networks." RAND Working Paper WR-1182, February 2017.

Alexander D. Rothenberg, Samuel Bazzi, **Shanthi Nataraj**, and Amalavoyal V. Chari, "Assessing the Spatial Concentration of Indonesia's Manufacturing Sector: Evidence from Three Decades." RAND Working Paper WR-1180, January 2017.

Ann Harrison, Benjamin Hyman, Leslie Martin, and **Shanthi Nataraj**, "When Do Firms Go Green? Comparing Price Incentives with Command and Control Regulations in India." NBER Working Paper No. 21763, November 2015.

RAND PUBLICATIONS

Beth J. Asch, Michael G. Mattock, James Hosek, and **Shanthi Nataraj**. “Assessing Retention and Special and Incentive Pays for Army and Navy Commissioned Officers in the Special Operations Forces”, RR-1796-OSD, 2019.

Krishna B. Kumar, Shelly Culbertson, Louay Constant, **Shanthi Nataraj**, Fatih Unlu, Kathryn E. Bouskill, Joy S. Moini, Katherine Costello, Gursel Rafig oglu Aliyev, and Fadia Afashe. “Opportunities for All: Mutually Beneficial Opportunities for Syrians and Host Countries in Middle Eastern Labor Markets,” RR-2653-QFFD, 2018.

Shira Efron, Charles Fromm, Bill Gelfeld, **Shanthi Nataraj**, and Chase Sova. “Food Security in the Gulf Cooperation Council,” 2018. <https://emerge85.io/Insights/food-security-in-the-gulf-cooperation-council/>

Shanthi Nataraj and Lawrence M. Hanser. “Career Paths in the Army Civilian Workforce: Identifying Common Patterns Based on Statistical Clustering,” RR-2280-A, 2018.

Marco Hafner, Jirka Taylor, Paulina Pankowska, Martin Stepanek, **Shanthi Nataraj**, and Christian Van Stolk. “The Impact of the National Minimum Wage on Employment: A Meta-Analysis,” RR-1807-LPC, 2017.

James Hosek, **Shanthi Nataraj**, Michael G. Mattock, Beth J. Asch, “The Role of Special and Incentive Pays in Retaining Military Mental Health Care Providers”, RR-1425-OSD, 2017.

Shanthi Nataraj, Matthew Wade Markel, Jaime L. Hastings, Eric V. Larson, Jill Luoto, Christopher Maerzluft, Craig A. Myatt, Bruce R. Orvis, Christina Panis, Michael Powell, Jose Rodriguez, and Tiffany Tsai. “Evaluating the Army's Ability to Regenerate: History and Future Options”, RR-1637-A, 2017.

Jacqueline Fiore, Craig Bond, and **Shanthi Nataraj**, “Database of Potential Sources of Information on Fisheries, Tourism and Oil Spill Claims.” TL-248-GOMRI, May 2017.

Keith Crane, **Shanthi Nataraj**, Patrick B. Johnston, and Gursel Rafig oglu Aliyev. “Russia’s Medium-Term Economic Prospects”, RR-1468-RC, 2016.

Shmuel Abramzon, Nicholas Burger, Peter Glick, Krishna B. Kumar, Cheryl K. Montemayor, Nelly Mejia, **Shanthi Nataraj**, Francisco Perez-Arce, Claude Messan Setodji, “Calculating the Gross Regional Product of the Kurdistan Region – Iraq.” RR-1405-KRG, 2016.

Shanthi Nataraj, Christopher Guo, Philip Hall-Partyka, Susan M. Gates, and Douglas Yeung, “Options for Department of Defense Total Workforce Supply and Demand Analysis: Potential Approaches and Available Data Sources.” RR-543-OSD, 2014.

Shanthi Nataraj, Lawrence M. Hanser, Frank A. Camm, and Jessica Yeats, “The Future of the Army’s Civilian Workforce: Comparing Projected Inventory with Anticipated Requirements and Estimating Cost Under Different Personnel Policies”, RR-576-A, 2014.

Shanthi Nataraj, Ramya Chari, Amy Richardson, and Henry H. Willis. “Links Between Air Quality and Economic Growth: Implications for Pittsburgh”. RR-260, 2013.

Shanthi Nataraj, Howard J. Shatz, Keith Crane, Stephen W. Popper, Xiao Wang, and Chaoling Feng. “Creating an Innovation System for Knowledge City.” TR-1293, 2012.

Keith Crane, Howard J. Shatz, **Shanthi Nataraj**, Stephen W. Popper, and Xiao Wang, “An Outline of Strategies for Building an Innovation System for Knowledge City.” MG-1240, 2012.

Keith Crane, Liisa Ecola, Scott Hassell, and **Shanthi Nataraj**, “Energy Services Analysis: An Alternative Approach for Identifying Opportunities to Reduce Emissions of Greenhouse Gases.” TR-1170, 2012.

Michael Hansen and **Shanthi Nataraj**, “Expectations About Civilian Labor Markets and Army Officer Retention.” MG-1123-A, 2011.

Nidhi Kalra, Obaid Younossi, Kristy Kamarck, Sarah Al-Dorani, Gary Cecchine, Aimee E. Curtright, Chaoling Feng, Aviva Litovitz, David E. Johnson, Mohammed Makki, **Shanthi Nataraj**, David S. Ortiz, Parisa Roshan, and Constantine Samaras, “Recommended Research Priorities for the Qatar Foundation's Energy and Environment Research Institute.” MG-1106-QF, 2011.

SERVICE AND AFFILIATIONS

Affiliations Member, American Economic Association

Referee *AEJ – Economic Policy, Economic Development and Cultural Change, Economic Systems, Emerging Markets Finance and Trade, International Journal of Production Economics, Journal of Applied Economics, Journal of Development Economics, Journal of Economic Studies, Journal of Economic Surveys, Journal of Environmental and Resource Economics, Journal of International Economics, Journal of International Trade and Economic Development, Journal of Policy Analysis and Management, Journal of Regional Science Policy & Practice, Resource and Energy Economics, Review of International Economics, Review of Regional Studies, Water, The World Bank Economic Review*