

HEATHER SCHOFIELD

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Academic Appointments

University of Pennsylvania, Perelman School of Medicine and The Wharton School.
Assistant Professor (Jan. 2016 -)
Instructor. (July 2015 – Dec. 2015)

The Center for Global Development
Post-doctoral Fellow (July 2014 – June 2015)

Education

Harvard University, 2008-2014
Ph.D., Business Economics
Dissertation Committee: Sendhil Mullainathan, Michael Kremer, Larry Katz, and David Cutler

Harvard School of Public Health, 2005-2007
M.S., Department of Population and International Health

Harvard College, 2001-2005
A.B., Economics, *magna cum laude*

Teaching and Research Fields:

Development, behavioral, health

Publications

* *Denotes shared first authorship*

*Dean, Emma, Frank Schilbach, and Heather Schofield. "Poverty and Cognitive Function." In *The Economics of Poverty Traps*. University of Chicago Press. 2018.

*Schilbach, Frank, Heather Schofield, and Sendhil Mullainathan. "The Psychological Lives of the Poor." *American Economic Review, Papers & Proceedings* 106.5 (2016): 435-440.

Dayalu, Rashmi, Elizabeth Cafiero-Fonseca, Victoria Fan, Heather Schofield, and David Bloom. "Priority setting in health: Development and application of a multi-criteria algorithm for the population of New Zealand's Waikato region." *Cost Eff Resour Alloc.* 16.1 (2018): 36-49.

Schofield, Heather, George Lowenstein, Jessica Kopsic, and Kevin Volpp. "Comparing the Effectiveness of Individualistic, Altruistic, and Competitive Incentives in Motivating Completion of Mental Exercises" *Journal of Health Economics* 44 (2015): 286–299.

Kullgren, Jeffrey, Andrea Troxel, George Loewenstein, Laurie Norton, Dana Gatto, Yuanyuan Tao, Jingsan Zhu, Heather Schofield, Judy Shea, David Asch, Thomas Pellathy, Jay Driggers, Kevin Volpp. "A Randomized Controlled Trial of Employer Matching of Employees' Monetary Contributions to Deposit Contracts to Promote Weight Loss." *American Journal of Health Promotion.* 30.6 (2017): 441:452.

Schofield, Heather and Sendhil Mullainathan. "The Psychology of Nutrition Messages." *Advances in Health Economics and Health Services Research* 19 (2008): 145-172.

Working Papers

"Sleepless in Chennai: The Consequences of Sleep Deprivation Among the Urban Poor" (With Pedro Bessone-Tepedino, Gautam Rao, Frank Schilbach, and Mattie Toma)

"Ramadan and Agricultural Output"

"The Economic Costs of Low Caloric Intake: Evidence from India"

Research in Progress

- “Sustained Attention as Human Capital” (With Supreet Kaur and Christina Brown)
- “Dynamic Complementarities in Education” (With Supreet Kaur and Christina Brown)
- “Loneliness and Migration” (With Anant Nyshadham, Ach Adhvaryu, and Pedro de Souza)
- “Nutrition Knowledge: Can Beliefs about Nutrition Change Caloric Intake, Cognitive Function, Labor Supply, and Earnings?”
- “Taxing the Poor Twice: Poverty, Bandwidth, and Value of Consumption” (With Atheendar Venkataramani)

Teaching Experience

- Spring 2018, “Challenges and opportunities in Africa: Healthcare and business of Ethiopia.” (HCMG
2019 890)
- Fall 2015, “Microeconomics for Managers” (MGEC 611 and 612). Wharton, University of
2016, 2017 Pennsylvania.
- Spring 2007 “Measuring Population Health” (Population and International Health 506). Harvard School
of Public Health. Teaching Fellow for Prof. Josh Salomon, Harvard School of Public
Health.
- Spring 2007 “Antares Seminar.” Harvard School of Public Health and Harvard Business School joint
seminar. Teaching Fellow for Prof. Michael Chu and Prof. David Bloom.
- Fall 2006 “Foundations of Global Population and Health” (Population and International Health 272).
Harvard School of Public Health. Teaching Fellow for Prof. David Bloom, Harvard School
of Public Health.

Professional Activities

Selected Conference and Seminar Presentations:

- 2019 Behavioral Insights Team; Bonn/BRIQ; Bocconi University; IIES Stockholm; London School of
Economics; Oxford University; Paris School of Economics; Sloan Nomis Workshop on the
Cognitive Foundations of Economic Behavior; University of Zurich; World Bank Human
Development Forum
- 2018 Behavioral Economic and Health Symposium (UPenn); Berkeley Initiative for Transparency in the
Social Sciences; IFPRI; Penn/CMU Roybal Annual Retreat; SPSP Pre-conference (Judgement and
Decision-Making)
- 2017 Annual Conference of Center for Child Well-being and Development (Zurich); University of
California, San Diego; University of California, Davis; University of Toronto
- 2016 AEA Annual meetings; Behavioral Exchange; Choice Symposium (Alberta Canada); George
Mason University; Ideas42; Methods in Experimental Economics Research (Texas A&M); NBER
Conference on The Economics of Asset Accumulation and Poverty Traps; New York University;
Stanford University; University of Chicago
- 2015 Behavioral Economics and Health Symposium (University of Pennsylvania); Behavioral
Economics Annual Meeting (BEAM; Yale SoM); Carnegie Mellon University; NNP Capstone
Conference (Chicago Booth); Society for Judgement and Decision-Making (SJDM); University of
Pennsylvania/Carnegie Mellon University Roybal Retreat; University of Pennsylvania (Wharton)
- 2014 Barcelona GSE Summer Forum; The Center for Global Development; Cornell University; Harvard
University School of Public Health; London School of Economics (Econ); London School of
Economics (ID); Northeastern University; Tufts (Friedman Seminar); Tufts (Econ); University of
California Berkeley; University of California Santa Cruz; University of Illinois Urbana-
Champaign; University of Pennsylvania (Wharton and Perelman School of Medicine; University of

Pennsylvania/Carnegie Mellon University Roybal Annual Retreat; World Bank/IZA Conference on Employment and Development; The World Bank

2013 Harvard University; Northeast Universities Development Consortium Conference (NEUDC)

Referee Services: *American Economic Journal: Applied Economics*, *American Economic Review*, *Economic Development and Cultural Change*, *Journal of Development Economics*, *Journal of Economic Literature*, *Journal of Health Economics*, *Journal of Public Economics*, *Journal of the Economics of Aging*, *Journal of the European Economic Association*, *Quarterly Journal of Economics*, *RESTAT*

Participant, Russell Sage Foundation Summer Institute in Behavioral Economics, 2014

Grants

- 2019 Warburg Fund, \$7,500 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Multi-PI, with Gautam Rao and Frank Schilbach
- 2019 Global Engagement Fund (University of Pennsylvania), \$40,000 for “Alleviating Loneliness Among Migrant Garment Workers in India.” Multi-PI with Anant Nyshadham, Ach Adhvaryu, and Pedro de Souza
- 2019 Quartet Pilot Project Competition, \$19,640 for “Taxing the poor twice: Bandwidth, and Value of Consumption.” Multi-PI with Atheendar Venkataramani
- 2019 Grant for Faculty Mentoring Undergraduate Research, \$8,000.
- 2018 ALACRITY Center Pilot Grant. \$40,000 for “Alleviating Loneliness Among Migrant Garment Workers in India.” Multi-PI with Anant Nyshadham, Ach Adhvaryu, and Pedro de Souza
- 2017 K01 - AG05569101A1, \$639,360, for “The Health and Behavioral Effects of Sleep Deprivation Among the Urban Poor in India”
- 2017 Pixatel, \$187,465, “Sustained Attention In Education.” Multi-PI with Supreet Kaur and Christina Brown
- 2017 The University of Chicago Trust. \$47,951 for “The Impact of Physical Pain on Productivity, Cognitive Function, and Decision-making.” Multi-PI with Frank Schilbach, Sendhil Mullainathan, and Anuj Shah
- 2017 Burke Fellowship, \$75,000 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI, with Gautam Rao and Frank Schilbach
- 2017 Global Engagement Fund (University of Pennsylvania), \$38,292, for “Dynamic Complementarities in Education.” Co-PI with Supreet Kaur and Christina Brown
- 2017 Government of Tamil Nadu. ~\$400,000 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI, with Gautam Rao and Frank Schilbach
- 2017 Milton Fund, \$50,000 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI, with Gautam Rao and Frank Schilbach
- 2017 Quartet Pilot Project Competition, \$19,640 for “The Impact of Pain Reduction of Productivity and Cognitive Function in a Low Income Population” Multi-PI with Emma Dean, Sendhil Mullainathan, Frank Schilbach, and Anuj Shah
- 2016 Global Engagement Fund, University of Pennsylvania, \$35,000 for “The Impact of Physical Pain on Productivity, Cognitive Function, and Decision-making.” Multi-PI with Frank Schilbach, Sendhil Mullainathan, and Anuj Shah
- 2016 Columbia Global Policy Initiative, \$100,000, for “Dynamic Complementarities in

- Education.” Co-PI with Supreet Kaur
- 2016 Mind Brain Behavior Interfaculty Initiative, \$50,000 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI, with Gautam Rao and Frank Schilbach
- 2016 LDI Pilot Funds. \$19,842 “The Impact of Pain Reduction on Productivity and Cognitive Function.” Co-PI, with Emma Dean, Frank Schilbach, and Anuj Shah
- 2015 International Growth Center (IGC), £35,000 (\approx \$52,000) for “The Impact of Increased Caloric Intake on Cognitive Function, Labor Supply, and Earnings.” Co-PI with Sendhil Mullainathan
- 2015 Nutricia Foundation, £24,947 (\approx \$37,000) for “The Impact of Increased Caloric Intake on Cognitive Function, Labor Supply, and Earnings.” Co-PI with Sendhil Mullainathan
- 2015 Spencer Foundation, \$49,940, for “Dynamic Complementarities in Education.” Co-PI with Supreet Kaur
- 2015 President’s Global Innovation Fund (Columbia University), \$75,000, for “Dynamic Complementarities in Education.” Co-PI with Supreet Kaur
- 2015 Foundations of Human Behavior, \$39,860 for “The Impact of Increased Caloric Intake on Cognitive Function, Labor Supply, and Earnings.” Co-PI with Sendhil Mullainathan and David Bloom
- 2014 Foundations of Human Behavior, \$39,623 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI with Gautam Rao, Frank Schilbach, David Dinges, and Mathias Basner
- 2014 Weiss Family Program Fund, \$63,383 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI with Gautam Rao, Frank Schilbach, David Dinges, and Mathias Basner
- 2014 Transdisciplinary Awards Program in Translational Medicine and Therapeutics (TAPITMAT) and LDI Center for Health Incentives and Behavioral Economics (CHIBE) (University of Pennsylvania), \$37,407 for “Chronic Sleep Deprivation Among the Poor. A Lab-in-the-field Approach.” Co-PI with Frank Schilbach, Gautam Rao, David Dinges, and Mathias Basner
- 2014 PEDL (CEPR/DFID), £29,098 (approx. \$45,500) for “Profit Maximization Among Micro-entrepreneurs.” Co-PI with Frank Schilbach
- 2013 The Center for Decision Research at The University of Chicago Booth School of Business, \$49,548 for “The Impact of Physical Pain on Productivity, Cognitive Function, and Decision-making.” Co-PI with Frank Schilbach, Sendhil Mullainathan, and Anuj Shah
- 2013 Mind Brain Behavior Interfaculty Initiative, \$50,000 for “The Impact of Increased Caloric Intake on Cognitive Function, Labor Supply, and Earnings.” Collaborator, with Sendhil Mullainathan and Todd Rogers
- 2013 Program on the Global Demography of Aging, \$50,000 for “The Impact of Increased Caloric Intake on Cognitive Function, Labor Supply, and Earnings.” Co-PI with Sendhil Mullainathan
- 2013 Program on the Global Demography of Aging, \$24,900 for “The Impact of Physical Pain on Productivity, Cognitive Function, and Decision-making.” Co-PI with Frank Schilbach, Sendhil Mullainathan, and Anuj Shah

Honors and Fellowships

2013	Roger Martin Award for Excellence in Business Economics Research, Harvard Business School
2008-2014	Harvard University Graduate Fellowship
2007	Harvard School of Public Health Department of Global Health and Population Thesis Prize
2006-2007	Jacob K. Javits Fellowship Commended Scholar
2005-2006	Thomas E. Upham Harvard Class of 1868 Merit Scholarship
2005-2006	NCAA Postgraduate Merit Scholarship

Media/Press

NPR, All Things Considered. Reported by Nurith Aizenman. "A bad night's sleep might do more harm than you think." Dec. 2, 2015.

Freakonomics Podcast. Produced by Christopher Werth. "The economics of sleep." July 16, 2015.

Knowledge@Wharton, Radio interview. Jan. 26, 2016.

The Economist. "The Economics of Ramadan." July 2, 2016.

The Hindu. Reported by T. Ramakrishnan. "Study Planned on the Sleep Patterns of the Urban Poor." Nov. 4, 2017.

The Guardian. Reported by Hettie O'Brien. "Sleepless in.... Seattle? Which city gets the least shuteye" Sept. 25, 2018.