

## **HEIDI L. WILLIAMS**

MIT Department of Economics, 50 Memorial Drive, E52-274C, Cambridge MA 02142  
(617) 324-4326  
heidiw@mit.edu  
<http://econ-www.mit.edu/faculty/heidiw>

### **Education**

2010            PhD, Economics, Harvard University  
2004            MSc, Economics for Development, University of Oxford  
2003            AB, Mathematics, Dartmouth College

### **Employment**

2011 –            Assistant Professor, MIT Department of Economics  
2010 – 2011    Visiting Fellow in Aging Research, National Bureau of Economic Research (NBER)

### **Affiliations**

2010 –            Faculty Research Fellow, NBER (Aging, Health Care, and Productivity)

### **Honors**

2011            World Economic Forum, Young Global Shaper  
2011            Garfield Economic Impact Award  
2010            Healthcare Cost & Utilization Project (HCUP) Outstanding Article of the Year Award  
2010            Association for Public Policy Analysis and Management (APPAM) Dissertation Award  
2008 – 2010    Pre-doctoral Fellow in Aging and Health Economics; NBER  
2007            Price Theory Scholar; Becker Center on Chicago Price Theory; University of Chicago  
2004            Webb-Medley Overall Prize (*proxime accessit*); University of Oxford  
2003            National Science Foundation Graduate Research Fellowship  
2003            Rhodes Scholarship  
2002            Harry S. Truman Scholarship

### **Publications**

“Estimating Marginal Returns to Medical Care: Evidence from At-Risk Newborns”

With Douglas Almond, Joseph Doyle, and Amanda Kowalski

2010, *Quarterly Journal of Economics* 125(2): 591-634

NBER working paper #14522

- Subsequent rejoinder: “The Role of Hospital Heterogeneity in Measuring Marginal Returns to Medical Care: A Reply to Barreca, Guldi, Lindo, and Waddell,” with Douglas Almond, Joseph Doyle, and Amanda Kowalski, 2011, *Quarterly Journal of Economics* 126(4): 2125-2131.
- Awarded the 2010 HCUP Outstanding Article of the Year Award for “innovative and inspiring perspective on health, the health care field, public health policy, or research”
- Awarded the 2011 Garfield Economic Impact Award for “outstanding research that illustrates how medical or health research impacts the economy”

### **Working papers**

“Intellectual Property Rights and Innovation: Evidence from the Human Genome”

2010, NBER working paper #16213

Revise and resubmit, *Journal of Political Economy*

## Other writing

“Incentivizing Innovation: Adding to the Toolkit”

With Michael Kremer

2010, in Josh Lerner and Scott Stern (editors), *Innovation Policy and the Economy Volume 10*: 1-17

“Advance Market Commitments for Vaccines Against Neglected Diseases: Estimating Costs and Effectiveness”

With Ernst Berndt, Rachel Glennerster, Michael Kremer, Jean Lee, Ruth Levine, and Georg Weizsäcker

2007, *Health Economics* 16(3): 491-511

NBER working paper #11288

“Creating Markets for Vaccines”

With Rachel Glennerster and Michael Kremer

2006, *Innovations: Technology | Governance | Globalization* 1(1): 67-79

“Advance Market Commitments: A Policy to Stimulate Investments in Vaccines for Neglected Diseases”

With Owen Barder and Michael Kremer

2006, *The Economists' Voice* 3(3): article 1

“The Price of Life”

With Rachel Glennerster and Michael Kremer

2005, *Foreign Policy* May/June: 26-27

## Invited presentations

2011 – 2012: (includes scheduled) Brookings; NYU Law School; Yale Law School

2010 – 2011: U-Illinois Chicago IGPA; U-Toronto Rotman; Notre Dame; Brown; NSTC (“Science of science measurement” workshop); ASSA annual meeting; Northeastern; NBER Economics of Digitization meeting; U-Maryland College Park; Yale Law School; UC-Davis; Ohio State; RAND; UCLA; Southern California Conference in Applied Microeconomics; BU/Harvard/MIT Health Economics seminar; U-Warwick

2009 – 2010: NBER Fall Productivity meeting; U-Penn Wharton; Northwestern Kellogg; Northwestern; Columbia SIPA; Chicago Booth; Harvard Kennedy School; LSE, joint Department of Economics and Department of Management; Stanford, joint Department of Economics and GSB; MIT, joint Department of Economics and Sloan; HBS; UC-Berkeley Haas; Yale SOM; Broad Institute; Wellesley; Sciences Po (“Innovation without patents” conference); BU Law School (“Communicating technical knowledge” conference); WEAI meeting; NBER Summer Institute Aging meeting; IFPRI

2008 – 2009: Middlebury; NBER Summer Institute Health Care meeting

2007 – 2008: OECD (“Medicines for neglected and emerging infectious diseases” forum); ASSA annual meeting

2006 – 2007: NIH MIDAS meeting; Yale School of Medicine

## Invited discussions

2011 – 2012: (includes scheduled)

ASSA annual meeting

NBER Organizational Economics Working Group Fall meeting

NBER Summer Institute Innovation Policy and the Economy meeting

U-Chicago, Individuals and Institutions in the Health Care Sector conference

NBER Law and Economics Spring meeting

2010 – 2011: U-Michigan, CCC Doctoral Student conference

2009 – 2010: Harvard Law; Pharmaceutical Research, Development, and Markets conference

**Professional service activities**

Referee: *American Economic Journal: Applied Economics; American Economic Journal: Economic Policy; Economic Journal; Health Affairs; International Economic Review; International Journal of Industrial Organization; Journal of Health Economics; Journal of Human Resources; Journal of Law, Economics, and Organization; Journal of Political Economy; Journal of Public Economics; Management Science; Mathematical Biosciences; National Science Foundation; Quarterly Journal of Economics; RAND Journal of Economics; Review of Economics and Statistics; Science*

Selection Committee Member, Harry S. Truman Scholarship (since 2008)

*Updated: December 2011*