

Devin Incerti

Associate Research Economist

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Education

- 2015** Ph.D. Public Affairs (Political Economy), Princeton University
- 2013** M.A. Public Affairs, Princeton University
- 2009** B.A. Mathematics and Economics, University of California, San Diego
- 2009** B.A. Political Science, University of California, San Diego

Employment

- 2017-17** Research economist, Precision Health Economics, Oakland CA
- 2016-17** Associate research economist, Precision Health Economics, Oakland CA
- 2015-16** Research economist intern, Precision Health Economics, Oakland CA
- 2009-10** Research Associate, NERA Economic Consulting, Los Angeles, CA

Working Papers

An Assessment of Long-term Healthcare Expenditure Risk Using a Dynamic Bayesian Model ([PDF](#), [fake-data simulation](#))

Racial, Ethnic and Educational Disparities in Pharmaceutical Expenditures ([PDF](#))

The Optimal Allocation of Campaign Funds in House Elections ([PDF](#), [GitHub](#))

Political Instability and Financial Markets ([PDF](#), [GitHub](#))

Presentations

Wan J, Mongan J, Incerti D, Courtier J. A Shiny New World: Creating Your Own Radiology Decision Support Webapps Using R. Radiological Society of North America, Annual Meeting, Chicago, 2016.

Stevens W, Shih T, Incerti D. Estimates of costs of preeclampsia to the United States health care system. March of Dimes Prematurity Research Center at Stanford University, Palo Alto, 2016.

Shiraito Y, Incerti, D, Lopez-Moctezuma G. A Reassessment of the Resource Curse: A Bayesian Dynamic Analysis of Panel Data. Midwest Political Science Association, Annual Meeting, Chicago, 2013.

Software

R Packages

hesim: an R package for fast health-economic simulation modeling ([website](#)).

R shiny web applications

Skeletal Dysplasias: An R Shiny web application that aids diagnosis of skeletal dysplasias based on clinical features ([link](#)).

Survival Distributions: Interactive plots of parametric survival distributions ([link](#)).

Honors and Awards

2010-15 *Centennial Fellowship*, Princeton University

2009 *The Award for Excellence in Joint Mathematics-Economics* granted to the most outstanding graduating Senior in Joint Mathematics-Economics, UCSD Department of Economics

2009 *DeWitt Higgs Award* granted to the outstanding graduating Senior in the area of law and public policy, UCSD Department of Political Science

2009 *Michael Addison Award* for the most outstanding Senior research paper, Warren College (graduating class of 950 students)

Skills and Interests

Computing

Most experienced: R, Stata, LaTeX, Excel

Some experience: C++, Python, MySQL, Stan, JAGS

Athletics

UCSD Varsity Baseball Letterman, shortstop and centerfield, 2004 – 2006

Consulting

2015-17 Director of Data Science, Precision Sport Science, Redwood City, CA