

# Devin Incerti

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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

## Publications

Stevens W, Shih T, **Incerti D**, Ton TG, Lee H, Peneva D, Macones GA, Sibai BM, Jena AB. (in press). Cost of Preeclampsia to the United States Healthcare System. *American Journal of Obstetrics & Gynecology*.

Jansen JP, **Incerti, D**, Mutebi A, Peneva, D, MacEwan JP, Stolshek B, Kaur P, Gharaibeh M, Strand V. (in press). Cost-effectiveness of sequenced treatment of rheumatoid arthritis with targeted immune modulators. *Journal of Medical Economics*. <http://dx.doi.org/10.1080/13696998.2017.1307205> (Supplement).

## Manuscripts Under Review

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

Shahabi A, Peneva D, **Incerti D**, Mclaurin KK, Stevens W. Variation in cost of palivizumab prophylaxis and the implications for policy considerations.

Frasco M, Shih T, **Incerti D**, Espinosa OD, Vania D, Thomas N. Incremental Social Value of Ocrelizumab Relative to Subcutaneous Interferon  $\beta$ -1a.

Ton TG, Bennett M, **Incerti D**, Peneva D, Druzin M, Stevens W, Butwick A, Lee HC. Maternal and infant adverse outcomes associated with preeclampsia with and without severe features in the United States.

**Incerti D**, Summers N, Ton TG, Boscoe A, Chandraker A, Stevens W. The Lifetime Health Burden of Delayed Graft Function in Kidney Transplant Recipients in the United States.

## Working Papers

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

**Incerti, D.** Racial, Ethnic and Educational Disparities in Pharmaceutical Expenditures. ([PDF](#)).

**Incerti, D.** 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*

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

### *R shiny web applications*

**Incerti D.** An R Shiny web application that aids diagnosis of skeletal dysplasias based on clinical features. ([link](#)).

**Incerti D.** 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