

# Fernando Hoces de la Guardia

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## Curriculum Vitae

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### Work Experience

- 2017–Present **Postdoctoral Research Fellow**, BERKELEY INITIATIVE FOR TRANSPARENCY IN THE SOCIAL SCIENCES.
- 2013–2016 **Assistant Policy Analyst**, RAND CORPORATION.
- Spring 2013 **Research Assistant**, UNIVERSITY OF PENNSYLVANIA.
- 2011–2012 **Junior Economic Advisor**, MINISTRY OF FINANCE, Chile.  
Labor, Social and Education Affairs
- 2010–2011 **Research Associate**, UNIVERSIDAD DE CHILE, Department of Economics.  
Co-PI: Impact Evaluation of Financial Aid for Higher Education in Chile
- Summer 2010 **Consultant**, INTER-AMERICAN DEVELOPMENT BANK/WORLD BANK, Bolivia.  
Field Coordinator, Impact Evaluation of “Bono Juana Azurduy”
- Winter 2010 **Research Assistant**, UNIVERSITY OF PENNSYLVANIA.
- 2006–2008 **Economist**, MINISTRY OF PLANNING, Chile.  
Impact Evaluation of National Anti-Poverty Program *Chile Solidario*
- 2004–2006 **Research Assistant**, UNIVERSIDAD DE CHILE.

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### Education

- 2017 **PhD in Policy Analysis**, Pardee RAND Graduate School.  
*Dissertation*: “How Transparency and Reproducibility Can Increase Credibility in Policy Analysis: A Case Study of the Minimum Wage Policy Estimates” Committee: Kristine Brown (Chair), Susan Paddock, Chapin White, Edward Miguel (Outside reader)
- 2010 **M.A. in Economics**, University of Pennsylvania.
- 2006 **Masters in Economics**, Universidad de Chile.
- 2005 **Commercial Engineering (Equivalent to BA in Economics)**, Universidad de Chile.

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### Publications

#### Peer-reviewed

- 1 - “Optimizing Variance-Bias Trade-off in the TWANG Package for Estimation of Propensity Scores”; L. Parast, D. McCaffrey, L. Burgette, **F. Hoces de la Guardia**, D. Golinelli, JNV Miles, BA Griffin; Health Services and Outcomes Research Methodology; 2017.

- 2 - *"Better-than-average and worse-than-average hospitals may not significantly differ from average hospitals: an analysis of Medicare Hospital Compare ratings"*; SM Paddock, JL Adams, **F. Hoces de la Guardia**; BMJ quality & safety; February 2015.
- 3 - *"Evaluating the Chile Solidario Program: Results Using the Chile Solidario Panel and the Administrative Databases"*, **F.Hoces De La Guardia**, A. Hojman, O. Larranaga; Revista Estudios de Economia, July 2011.

#### Working Paper

*"Loss Function-based Evaluation of Physician Report Cards"*; **F. Hoces de la Guardia**, J. Hwang, JL Adams, SM. Paddock. **Revise and Resubmit at** Health Services and Outcomes Research Methodology; 2016

#### Work in Progress

*"Three Trends About Top Female Researchers in Economics"*; F. Hoces de la Guardia

*"Evaluating the Effect of Financial Aid for Higher Education on Incarceration: A Regression Discontinuity Approach"*; J. M. Benavente, F. Hoces de la Guardia

### Grants and Awards

- 2017 Berkeley Initiative for Transparency in the Social Sciences, Catalyst Grant. Project: *"Disseminating Research Transparency in Peru, Bolivia and Chile"*
- 2013–2015 PRGS Partial Scholarship for Doctorate Studies 2013-2015.
- 2008–2010 Fulbright fellowship for graduate studies.
- 2006 Inter-american award for research on social security, Inter-american Conference of Social Security. Mexico City.
- Academic performance scholarship, Master in Economics, University of Chile.
- 2005 International Labor Organization award for best research paper, joint seminar ILO, Ministry of Labor and University of Chile.

### Teaching Experience

- Lecturer *Econometrics I* (Undergrad), University of Chile, Fall 2007, Fall 2008, Spring 2010.
- Teaching *Stata Lab*, (Prof. A. Epstein & J. Long), Masters of Science in Health Policy
- Assistant Research Winter 2013, University of Pennsylvania; *Microeconometrics* (Prof. S. Urzua), Master in Economics, University of Chile, 2010; *Poverty and Inequality* (Prof. O. Larranaga), Master in Public Policy, University of Chile - University of Chicago, Spring 2006; *Econometrics I* (Prof. M. Basch), University of Chile, Fall 2004.
- Tutor First year tutor for Econometrics, Microeconomics, Macroeconomics and Quantitative Methods, Master in Economics, University of Chile, 2006; K-12 Mathematics 2000–2005.
- Extra-curricular Coordinator and one of the Lecturers in the Workshop: *Theories of Justice in Economics*, University of Chile, Spring 2007.

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## Additional Information

Software (years of experience) R(4), Stata(8), Markdown(3), Git(1),  $\LaTeX$ 1(3), Matlab(1),  
Knowledge: GAUSS/Mathematica/SAS/SPSS( $< 1$ ).

Languages: Spanish and English.

Nationality: U.S. and Chilean

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## References

- *Kristine Brown*. Senior Economist, Amazon. kbrown@rand.org
- *Edward Miguel*. Professor of Economics, UC Berkeley. emiguel@berkeley.edu
- *Chapin White*. Senior Policy Researcher, RAND Corporation, cwhite@rand.org
- *Susan Paddock*. Senior Statistician, RAND Corporation, paddock@rand.org