

# Richard K. Crump

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## PROFESSIONAL EXPERIENCE

Senior Economist, Federal Reserve Bank of New York, Capital Markets Function, 2011 –  
Adjunct Professor, New York University, Department of Economics, 2011  
Economist, Federal Reserve Bank of New York, Capital Markets Function, 2009 – 2011  
Associate, Goldman Sachs & Co., US Economic Research Group, Global Economic Strategy Group,  
2002-2003  
Analyst, Goldman Sachs & Co., US Economic Research Group, 2000-2002

## EDUCATION

Ph.D., Economics, University of California – Berkeley, 2009  
M.A., Statistics, University of California – Berkeley, 2006  
B.S., Economics, Massachusetts Institute of Technology, 2000

## PUBLISHED PAPERS

“Nonparametric Tests for Treatment Effect Heterogeneity” (with V. Joseph Hotz, Guido Imbens, and Oscar Mitnik), *Review of Economics and Statistics*, 90(3), 2008.

“Dealing with Limited Overlap in Estimation of Average Treatment Effects” (with V. Joseph Hotz, Guido Imbens, and Oscar Mitnik), *Biometrika*, 96(1), 2009.<sup>1</sup>

“Robust Data-Driven Inference for Density-Weighted Average Derivatives” (with Matias Cattaneo and Michael Jansson), *Journal of the American Statistical Association*, 105(491), 2010.

“Fertility and the Personal Exemption: Comment” (with Gopi Shah Goda and Kevin Mumford), *American Economic Review*, 101(4), 2011.

“Optimal Inference for Instrumental Variables Regression with non-Gaussian Errors” (with Matias Cattaneo and Michael Jansson), *Journal of Econometrics*, 167(1), 2012.

“Small Bandwidth Asymptotics for Density-Weighted Average Derivatives” (with Matias Cattaneo and Michael Jansson), *Econometric Theory*, forthcoming.

“Pricing the Term Structure with Linear Regressions” (with Tobias Adrian and Emanuel Moench), *Journal of Financial Economics*, forthcoming.

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<sup>1</sup> Formerly, "Moving the Goalposts: Addressing Limited Overlap in Estimation of Average Treatment Effects by Changing the Estimand"

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## UNPUBLISHED PAPERS

“Bootstrapping Density-Weighted Average Derivatives” (with Matias Cattaneo and Michael Jansson), October 2012.

“Pricing TIPS and Treasuries with Linear Regressions” (with Michael Abrahams, Tobias Adrian and Emanuel Moench), September 2012.

“Generalized Jackknife Estimators of Weighted Average Derivatives” (with Matias Cattaneo and Michael Jansson), August 2012.

“Efficient, Regression Based Estimation of Dynamic Asset Pricing Models” (with Tobias Adrian and Emanuel Moench), March 2012.

“Optimal Conditional Inference in Nearly-Integrated Autoregressive Processes,” November 2008.

“Testing Parametric Relationships between Nonparametric Curves Using Series Estimation,” June 2006.

## OTHER PUBLICATIONS

### *Liberty Street Economics Blog*

“Is U.S. Monetary Policy Seasonal?” (with David Lucca), October 2012.

“Skills Mismatch, Construction Workers and the Labor Market” (with Ayşegül Şahin), March 2012.

“A Look at the Accuracy of Policy Expectations” (with Stefano Eusepi and Emanuel Moench), August 2011.

## PROFESSIONAL ACTIVITIES

Co-editor, *Economic Policy Review*: 2010 –

Referee for: *Current Issues*, *Management Science*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Econometrics*, *Journal of Empirical Finance*, *Review of Economics and Statistics*

## TEACHING

### **Instructor, New York University, Department of Economics**

Graduate Econometrics I: Fall 2011

### **Graduate Student Instructor, University of California – Berkeley, Department of Economics**

Graduate Econometrics I: Fall 2006, Fall 2008

Graduate Econometrics II: Spring 2007

### **Graduate Student Instructor, University of California – Berkeley, Master’s in Financial Engineering Program**

Empirical Methods in Finance: Spring 2007

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## **AWARDS AND HONORS**

Dean's Normative Time Fellowship, 2007-2008

Outstanding Graduate Student Instructor Award, 2007

Ford Foundation Pre-Doctoral Fellowship, 2004

## **SEMINARS AND PRESENTATIONS**

Columbia University, Harvard University, MIT – Sloan, New York University, Stanford University, University of California – Berkeley, UCLA, University of Miami, University of Michigan, University of Rochester, University of Wisconsin, Yale University