

# BRENDAN KLINE

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## EDUCATION

Ph.D. in Economics, Northwestern University · 2012

M.A. in Economics, Northwestern University · 2007

B.S. in Economics, Iowa State University · 2006

B.S. in Mathematics, Iowa State University · 2006

## EMPLOYMENT

Assistant Professor, Department of Economics, University of Texas at Austin · 2012-present

## RESEARCH TOPICS

Microeconometrics, with applications to industrial organization and labor/health economics

## PEER-REVIEWED JOURNAL ARTICLES

An empirical model of non-equilibrium behavior in games. *Quantitative Economics* (accepted), 2017.

Bayesian inference in a class of partially identified models, with Elie Tamer. *Quantitative Economics* 7(2): 329–366, 2016.

Identification of the direction of a causal effect by instrumental variables. *Journal of Business and Economic Statistics* 34(2): 176–184, 2016.

The empirical content of games with bounded regressors. *Quantitative Economics* 7(1): 37–81, 2016.

Identification of complete information games. *Journal of Econometrics* 189(1): 117–131, 2015.

The price elasticity of demand for heroin: matched longitudinal and experimental evidence, with Todd Olmstead, Sheila M. Alessi, Rosalie L. Pacula, and Nancy M. Petry. *Journal of Health Economics* 41: 59–71, 2015.

Explaining trends in body mass index using demographic counterfactuals, with Justin L. Tobias. *Econometric Reviews* 33(1-4): 172–196, 2014.

Bounds for best response functions in binary games, with Elie Tamer. *Journal of Econometrics* 166(1): 92–105, 2012.

The Bayesian and frequentist approaches to testing a one-sided hypothesis about a multivariate mean. *Journal of Statistical Planning and Inference* 141(9): 3131–3141, 2011.

A restriction on lobbyist donations. *Economics Letters* 104(3): 129–132, 2009.

The wages of BMI: Bayesian analysis of a skewed treatment-response model with nonparametric endogeneity, with Justin L. Tobias. *Journal of Applied Econometrics* 23(6): 767–793, 2008.

#### **OTHER PUBLICATIONS**

Comment on “Social networks and the identification of peer effects” by Paul Goldsmith-Pinkham and Guido W. Imbens, with Elie Tamer. *Journal of Business and Economic Statistics* 31(3): 276–279, 2013.

#### **WORKING PAPERS**

Econometric analysis of models with social interactions, with Elie Tamer. 2017.

Identification of incomplete information games in monotone equilibrium. 2017.

#### **HONORS**

Quantitative Economics Best Paper Prize in 2016 for “Bayesian inference in a class of partially identified models,” 2017

Honorable Mention for the Zellner Thesis Award in Business and Economic Statistics from the American Statistical Association, 2014

Summer Research Assignment at University of Texas at Austin, 2013

Phi Beta Kappa, 2005

National Merit Scholar, 2002

#### **GRANTS**

Co-investigator, Seton Healthcare Family-University of Texas at Austin, Center for Health and Social Policy, 2015.

Co-investigator, Community Care Collaborative, 2015.

#### **PRESENTATIONS**

Invited talks:

University of Georgia (October 2017), University of Wisconsin at Madison (October 2016), Duke University (May 2016), Pennsylvania State University (April 2016), London School of Economics (March 2016), Texas A&M University (April 2015), Vanderbilt University (March 2015), University of Toronto (March 2015), Harvard University/MIT (March 2015), University of Arizona (November 2014), Northwestern University (May 2014), University of Texas at Austin (May 2014), Yale University (March 2014), Ohio State University (October 2013), University of Texas at Austin (November 2012), University of Texas at Austin (October 2012), Purdue University (April 2012), Johns Hopkins University (February 2012), University of Texas at Austin (February 2012), University of Southern California (February 2012), University of California-Los Angeles (February 2012), New York University (January 2012), Northwestern University (October 2011), Northwestern University (April 2009)

#### Conference presentations:

Institutions and Inference at Princeton University (October 2017), International Association for Applied Econometrics Annual Conference (June 2017), Conference on Econometrics and Models of Strategic Interactions at Vanderbilt/cemmap (April 2017), Texas Camp Econometrics hosted by Rice University (February 2017), North American Winter Meeting of the Econometric Society (January 2017), Recent Advances in Econometrics at Toulouse School of Economics (June 2016), Texas Economic Theory Camp at the University of Texas at Austin (November 2015), Econometric Society World Congress at the Palais des Congrès de Montréal (August 2015), Texas Camp Econometrics hosted by University of Houston (February 2015), International Society for Bayesian Analysis World Meeting (ISBA 2014) (July 2014), North American Summer Meeting of the Econometric Society (June 2014), Cowles Foundation Econometrics Conference at Yale University (June 2014), Texas Camp Econometrics hosted by Southern Methodist University (February 2014), NSF Conference on Econometrics and Mathematical Economics hosted by Stanford University (August 2013), Recent Contributions to Inference in Game Theoretic Models at cemmap/UCL (June 2013), Texas Camp Econometrics hosted by University of Texas at Austin (February 2013), Midwest Econometrics Group at Purdue University (September 2009)

#### TEACHING

Instructor at University of Texas at Austin

Advanced Econometric Theory I (PhD field, 392M.6) · Spring semesters 2013-2015

Econometrics II (PhD core, 388D) · Fall semesters 2015-2017

Introduction to Econometrics (upper-division undergraduate, 341K) · Fall semesters 2012-2015, Spring semester 2017

Teaching Assistant at Northwestern University

Introduction to Econometrics (PhD core, 480-3) · Spring quarter 2012

Introduction to Econometrics (PhD core, 480-2) · Winter quarters 2008-2009

Microeconomics (PhD core, 410-1) · Fall quarter 2007

## **SERVICE**

### Department:

Ph.D. Admissions Committee, 2015-2016 & 2016-2017

Undergraduate Studies Committee, 2015-2016

### Ad hoc refereeing:

*American Economic Review, Econometrica, Econometric Reviews, Econometrics Journal, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometric Methods, Journal of Econometrics, Journal of Economic Surveys, Journal of Economic Theory, Journal of Health Economics, Journal of Human Resources, Journal of Political Economy, Labour Economics, LABOUR: Review of Labour Economics and Industrial Relations, Oxford Bulletin of Economics and Statistics, Quantitative Economics, Review of Economic Studies, Southern Economic Journal*