

Brent R. Hickman

QUEEN'S UNIVERSITY

Department of Economics
Dunning Hall, Room 209
94 University Ave
Kingston, Ontario, Canada K7L 3N6
Cell Phone: (613) 305-4290
Fax: (613) 533-6668
E-mail: hickmanbr@gmail.com
Home Page: <http://home.uchicago.edu/hickmanbr/index.html>

CITIZENSHIP: United States

LANGUAGES: English (native), Spanish (castellano, fluent)

RESEARCH INTERESTS

Empirical methods for competitive models with private information; auctions; industrial organization; higher education markets; affirmative action; black-white inequality.

EDUCATION

Degree	Field	Institution	Graduation
Ph.D.	Economics	University of Iowa	December 2010
B.A.	Economics	Brigham Young University	May 2005
B.A.	Spanish Translation	Brigham Young University	May 2005

EMPLOYMENT

Queen's University Economics Department

Assistant Professor, J. William and Marion E. MacKinnon Junior Fellow: July 2017–*present*

University of Chicago Economics Department

Assistant Professor: July 2010–June 2017

University of Wisconsin–Madison Economics Department

Visiting Scholar: Fall 2014/Winter 2015.

RESEARCH

Refereed Publications

[“On the Pricing Rule in Electronic Auctions,”](#) *The International Journal of Industrial Organization*, September 2010, vol. 28, pp. 423–578.

[“Structural Econometric Methods in Auctions: A Guide to the Literature,”](#) *Journal of Econometric Methods*, August 2012, issue 1, pp. 67–106, with Timothy P. Hubbard and Yigit Saglam

[“Replacing Sample Trimming with Boundary Correction in Nonparametric Estimation of First-Price Auctions,”](#) *Journal of Applied Econometrics*, August 2015, Volume 30, Issue 5, pp. 739–762, with Timothy P. Hubbard.

[“Identification and Estimation of a Bidding Model for Electronic Auctions,”](#) *Quantitative Economics*, July 2017, Volume 8, Issue 2, pp. 505–551, with Timothy P. Hubbard and Harry J. Paarsch.

Working Papers

“College Assignment as a Large Contest,” with Aaron L. Bodoh-Creed,
August 2017 (R&R at *Journal of Economic Theory*)

“Pre-College Human Capital Investment and Affirmative Action: A Structural Policy Analysis
of US College Admissions”, current version: July 2017;

“Incentive Provision in Investment Contests: Theory and Evidence,”
with Christopher Cotton and Joseph P. Price,
current version: August 2017 (under review).

“How Efficient Are Decentralized Auction Platforms?,”
Becker Friedman Institute for Research in Economics Working Paper, No. 2016-22, August 2016,
with with Joern Boehnke and Aaron Bodoh-Creed (under review).

“Productivity Versus Motivation: Using Field Experiments and Structural Econometrics
to Better Understand Adolescent Human Capital Production,”
with Christopher Cotton, John List, and Joseph P. Price, December 2016.

“Toward an Understanding of Corporate Social Responsibility: Theory and Field
Experimental Evidence,” with Daniel Hedblom and John List

“Using Machine Learning to Explain Violations of the ‘Law of One Price’,”
August 2017, with with Joern Boehnke and Aaron Bodoh-Creed.

Work In Progress

“Is Math Tutoring a Treatment for Lack of Understanding or Lack of Engagement?: a Field Experimental
Investigation of Response to Intervention,” with Christopher Cotton, John List, and Joseph Price

“Pecuniary and Non-Pecuniary Impacts of Affirmative Action in College Admissions,”
with Jack Mountjoy

“Macro-Level Market Design: Optimal Fees in Two-Sided Platform Selling Mechanisms,”
with Joern Boehnke and Aaron Bodoh-Creed

“Information Processing versus Self-Control: A Field Experimental Look at the Drivers of Obesity”
with Justin Holz and John List

PROFESSIONAL ACTIVITIES

Conference Organizing:

EC14: 15th ACM Conference on Economics and Computation, June 2014, Stanford University
(program committee member)

Conference Presentations

Summer Institute on Field Experiments (invited speaker), Becker Friedman Institute for Research in
Economics and University of Chicago Economics Department, July 2017.

15th Annual International Industrial Organization Conference, Boston, MA, April 2017.

North American Economic Science Association Meetings, Tucson, AZ, November 2016.

Advances with Field Experiments (invited speaker), Becker Friedman Institute for Research in
Economics and University of Chicago Economics Department, September 2016.

HCEO Conference on Market Design Perspectives on Inequality (invited speaker), Becker Friedman
Institute for Research in Economics, August 2016.

Summer Institute on Field Experiments (invited speaker), Becker Friedman Institute for Research in
Economics and University of Chicago Economics Department, July 2016.

North American Summer Meetings of the Econometric Society, University of Pennsylvania, June 2016.

INFORMS Annual Meeting (invited speaker), Philadelphia, PA, November 2015.

Southern Economics Association Conference (invited speaker), New Orleans, LA, November 2015.

Econometric Society World Congress, Montreal, Canada, August 2015.

Conference on Auctions, Competition, Regulation, and Public Policy (invited speaker), Lancaster University June 2014.

12th Annual International Industrial Organization Conference, Northwestern University Law School, April 2014.

Conference on Matching at Sciences Po (invited speaker), Paris, France, September 2013.

Allied Social Sciences Association Meetings, San Diego, CA, January 2013.

Econometric Society North American Summer Meetings, Evanston, IL, June 2012.

"Common Ground: Recent Work in Empirical Labour and Industrial Organization" (invited speaker), sponsored by Copenhagen Business School, May 2012.

10th Annual International Industrial Organization Conference, George Mason Law School, March 2012.

NSF/NBER Mathematical Economics and General Equilibrium Conference (invited speaker), University of Iowa, October 2011.

Society for Economic Dynamics Annual Conference, Ghent, Belgium, July 2011.

Institute on Computational Economics (invited speaker), sponsored by Argonne National Laboratory and The University of Chicago, July 2010;

"Theory-Based Microeconomic Modeling" (invited speaker), sponsored by the Stanford Institute for Theoretical Economics, July 2010;

"Economic Analysis and Education Policy" (invited speaker), co-sponsored by the Milton Friedman Institute, Searle Freedom Trust, and U of Chicago Committee on Education, June 4, 2010;

20th Stony Brook Game Theory Festival of the Game Theory Society, International Conference on Game Theory, July 2009;

The Association for Public Economic Theory 10th Annual Conference, Galway, Ireland, June 2009;

Midwest Economic Theory Meeting, Iowa City, May 2009;

Midwest Economics Association 73rd Annual Meeting, Cleveland, OH, March 2009;

Missouri Valley Economics Association Conference, Columbia, MO, March 2008.

Seminar Presentations

University College, London Economics Department, May 2017

Centre de Recherche en Economie et Statistique, May 2017

Queen's University Economics Department, March 2016

University of Pennsylvania Economics Department, December 2015

University of Wisconsin–Madison Economics Department, November 2015

University of Chicago Applications of Economics Seminar, October 2015

University of Guelph Economics Department, March 2015

Arizona State University Economics Department, December 2014

University of Chicago Workshop on Education, November 2014

University of Missouri Economics Department, October 2014

London School of Economics, June 2014

Brigham Young University Economics Department, October 2013

Harvard University Economics Department, September 2013

Rice University Economics Department, September 2013

University of Wisconsin–Milwaukee Economics Department, May 2013

Cornell University Economics Department, April 2013

Ohio State University Economics Department, March 2013

Washington University in St. Louis Economics Department, September 2012
Brigham Young University Economics Department, July 2012
DePaul University Economics Department, March 2012
University of California–Berkeley Economics Department, March 2011
Texas Tech University Economics Department, February 2011
Northwestern University Management and Strategy Department, November 2010
Penn State University Economics Department, October 2010
University of Illinois at Urbana-Champaign Economics Department, September 2010
Brigham Young University Economics Department, September 2010
Brigham Young University Anthropology Department, September 2010
Yale University Economics Department, September 2010
University of Wisconsin–Madison Economics Department, March 2010
Australian National University Economics Department, February 2010
University of Georgia Economics Department, February 2010
University of Chicago Economics Department, February 2010
Johns Hopkins University Economics Department, February 2010
University of Northern Iowa, Economics Department, September 23, 2009

Referee

American Economic Review, American Economic Journal: Applied Economics, American Journal of Agricultural Economics, Econometric Reviews, Econometrics Journal, Econometrica, Economic Theory, Economics Letters, International Journal of Game Theory, International Journal of Industrial Organization, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Economic Literature, Journal of Forest Economics, Journal of Political Economy, Journal of Public Economics, National Research Council, National Science Foundation, Quantitative Economics, Quarterly Journal of Economics, RAND Journal of Economics, Review of Economic Dynamics, Review of Economic Studies, Journal of Econometric Methods

TEACHING

Graduate

Empirical Methods in Auctions and Market Design:
U of Chicago, Spring 2012, Winter 2013, Winter 2014, Spring 2016, Winter 2017
Introduction to Numerical Computation for New Ph.D. Students:
U of Iowa, Fall 2009, Spring 2009
Introduction to Probability for Graduate Economic Theory:
U of Iowa, Fall 2008, Fall 2009
Math Camp for New Ph.D. Students:
U of Iowa, Summer 2007, Summer 2008, Summer 2009

Undergraduate

Introduction to Econometrics:
U of Iowa, Spring 2010
U of Chicago, Spring 2011, Spring 2012, Winter 2013, Winter 2014, Spring 2016, Fall 2016

ADVISING

Graduate Advising (with graduation date and first job placement):

Semih Tumen (2011, Bilkent Economics Dept.);
Jonathan Hall (2012, Toronto Economics Dept.);
Chungsang (Tom) Lam (2013, Clemson Economics Dept.);
James Edwards (2014, Moody's Analytics);
Daniel Tannenbaum (2014, Becker Friedman Institute for Economics (Postdoc));
Ian Fillmore (2015, Washington University in St. Louis Economics Dept.);

Sam Hwang (2015, University of British Columbia Economics Dept.);
Jörn Boehnke (2015, Harvard U. Center for Mathematical Sciences & Applications (Postdoc));
Pietro Bonaldi (2015, Carnegie Mellon University, Tepper School of Business);
Ignacia Mercadal (2016, Columbia University School of International and Public Affairs);
Alex McKay (2016, Harvard Business School);
Karl Schurter (2017 [expected], Pennsylvania State University);
Daniel Hedblom (current);
Wang Tong (current);
Jose Tudon Maldonado (current);
Liya Zhu (current);

Graduate Second-Year Paper Reader:

Adriaan Ten Kate (passed off Spring 2012);
Mallika Thomas (passed off Spring 2013);
James Marrone (passed off Spring 2014);
Mohammad Moravvej (passed off Spring 2014);
Jack Mountjoy (passed off Winter 2014)

Undergraduate Research:

Anais Jollivet (for course credit Spring 2012)
Claire Mackevicius (for course credit Spring 2014)

PROFESSIONAL SERVICE

Graduate Admissions Committee: U of Chicago, 2012, 2013, 2014

Junior Faculty Search Committee: U of Chicago, 2013, 2014, 2016

IO Working Group/Reading Group Organizer: U of Chicago, Winter 2014, Spring 2014

Junior Faculty Working Group Organizer: U of Chicago, AY 2015-2016, AY 2016-2017

AWARDS AND HONORS

University of Chicago Intramural Floor Hockey Champions,
Maclean House Men's Team (goalie): 2014 & 2015;
Andrew J. Walters Research Award, U of Chicago Economics Dept., Spring 2016; Amount: \$5,000;
In support of research on Affirmative Action in College Admissions;
Social Science Division Research Grant, U of Chicago, Spring 2014; Amount: \$4,000;
Title: *Affirmative Action and Higher Education Choices*
Social Science Division Research Grant, U of Chicago, Spring 2013; Amount: \$4,000;
Title: *Assessing the Impact of Affirmative Action with Randomized Field Experiments*
Andrew J. Walters Research Award, U of Chicago Economics Dept., Spring 2013; Amount: \$5,000;
In support of research on two-sided market platforms;
2011 Paul Geroski Award, *International Journal of Industrial Organization* for "On the Pricing Rule in Electronic Auctions," selected as one of two best papers published at *IJIO* during 2010;
Seed Grant, Office of the VP for Research, U of Chicago, Spring 2011; Amount: \$8,000;
Title: *Firm Dynamics and Industry Evolution in the Market for Higher Education Services*;
Outstanding Research Paper Award, U of Iowa Economics Dept, 2009;
Second place paper, 11th annual James F. Jakobsen Conference, Social Sciences & Education Division, sponsored by U of Iowa Graduate College and Graduate Student Senate, March 2009;
Fellow, Institute on Computational Economics, jointly sponsored by U of Chicago Economics Dept and Argonne National Laboratory, July 2008;
Graduate Presidential Fellow, U of Iowa, 2005-2010.