

GRADUATE SCHOOL OF BUSINESS, STANFORD UNIVERSITY  
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## JOHN WILLIAM HATFIELD

### EMPLOYMENT

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Assistant Professor of Political Economy 2005-present,  
Graduate School of Business, Stanford University

Research Fellow 2010-2011,  
Harvard Business School

### EDUCATION

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Ph.D. in Economics, Stanford University, 2005.  
Advisor: Paul R. Milgrom.

B.S. (with honors) in Mathematics and Physics, California Institute  
of Technology, 2000.

### RESEARCH

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PUBLICATIONS: **Stability and Competitive Equilibrium in Trading Networks**, with Scott Duke Kominers, Michael Ostrovsky, Alexandru Nichifor, and Alexander Westkamp, forthcoming in *Journal of Political Economy*, 2013.

**On Derivatives Markets and Social Welfare: A Theory of Empty Voting and Hidden Ownership**, with Jordan M. Barry and Scott Duke Kominers, forthcoming in *Virginia Law Review*, 2013.

**Vacancies in Supply Chain Networks**, with Scott Duke Kominers, *Economics Letters*, Vol. 119, No. 3 (June 2013), pp. 354-357.

**Federal Competition and Economic Growth**, with Katrina Kosec, *Journal of Public Economics*, Vol. 97, No. 1 (January 2013), pp. 144-159.

**Revenue Decentralization, the Local Income Tax Deduction, and the Provision of Public Goods**, *National Tax Journal*, Vol. 66, No. 1 (March 2013), pp. 97-115.

**Testing Substitutability**, with Nicole Immorlica and Scott Duke Kominers, *Games and Economic Behavior*, Vol. 75, No. 2 (July 2012), pp. 639-645.

**Understanding Price Controls and Non-Price Competition with Matching Theory**, with Charles R. Plott and Tomomi Tanaka, *American Economic Review Papers & Proceedings*, Vol. 102, No. 3 (May 2012), pp. 371-375.

**A Political Economy Theory of Partial Decentralization**, with Gerard Padró i Miquel, *Journal of European Economic Association*, Vol. 10, No. 3 (May 2012), pp. 605-633.

**Matching in Networks with Bilateral Contracts**, with Scott Duke Kominers, *American Economic Journal: Microeconomics*, Vol. 4, No. 1 (February 2012), pp. 176-208.<sup>1</sup>

**Pills and Partisans: Understanding Takeover Defenses**, with Jordan M. Barry, *University of Pennsylvania Law Review*, Vol. 160, No. 3 (February 2012), pp. 633-713.

**Stability and Competitive Equilibrium in Matching Markets with Transfers**, with Scott Duke Kominers, *SIGecom Exchanges*, Vol. 10, No. 3 (December 2011), pp. 29-34. (Invited survey.)

**Substitutes and Stability for Matching with Contracts**, with Fuhito Kojima, *Journal of Economic Theory*, Vol. 145, No. 5 (September 2010), pp. 1704-1723.

**Ricardian Equivalence for Local Government Bonds: A Utility Maximization Approach**, *Economics Letters*, Vol 107, No. 2, (May 2010), pp. 148-151.

**Incentive Compatibility in Matching with Contracts**, with Fuhito Kojima, *Games and Economic Behavior*, Vol. 67, No. 2 (November 2009), pp. 745-749.

**Strategy-Proof, Efficient, and Nonbossy Quota Allocations**, *Social Choice and Welfare*, Vol. 33, No. 3 (September 2009), pp. 505-515.

**Matching with Contracts: Comment**, with Fuhito Kojima, *American Economic Review*, Vol. 98, No. 3. (June 2008), pp. 1189-1194.

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<sup>1</sup> Also published as an extended abstract in the *Proceedings of the 11<sup>th</sup> ACM Conference on Electronic Commerce (EC'10)*, pp. 119–120.

**Backward Intergenerational Goods with Endogenous Fertility**, *Journal of Public Economic Theory*, Vol. 10, No. 5. (September, 2008), pp. 765-784.

**Pairwise Kidney Exchange: Comment**, *Journal of Economic Theory*, Vol. 125, No. 2. (December 2005), pp. 189-193.

**Matching with Contracts**, with Paul R. Milgrom, *American Economic Review*, Vol. 95, No. 4. (September 2005), pp. 913-935.

**The Dynamic Properties of an Extended Polymer**, with Stephen R. Quake, *Physical Review Letters*, Vol. 82, No. 17 (April 1999), p. 3548-51 (1999).

REVISIONS  
REQUESTED:

**The Design of Debt Clearing Markets: Clearinghouse Mechanisms in Pre-Industrial Europe**, with Lars Börner, revision requested by *Journal of Political Economy*, 2013.

**Multilateral Matching**, with Scott Duke Kominers, revision requested by *Journal of Economic Theory* for a special issue on the interface between economics and computer science, 2012.<sup>2</sup>

**Contract Design and Stability in Matching Markets**, with Scott Duke Kominers, revision requested by *ACM Transactions on Economics and Computation*, 2012.

**Many-to-Many Matching with Max-Min Preferences**, with Fuhito Kojima and Yusuke Narita, 2<sup>nd</sup> revision requested by *Discrete Applied Mathematics*, 2012.

**Electoral Regime and Trade Policy**, with William R. Hauk, revision requested by *Journal of Comparative Economics*, 2012.

**Federalism, Taxation, and Economic Growth**, revision requested by *Journal of Urban Economics*, 2013.

WORKING  
PAPERS:

**Promoting School Competition Through School Choice: A Market Design Approach**, with Fuhito Kojima and Yusuke Narita, under review, 2013.

**Price Controls, Non-Price Quality Competition, and the Nonexistence of Competitive Equilibrium**, with Charles R. Plott and Tomomi Tanaka, under review, 2013.

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<sup>2</sup> Also published as an extended abstract in *Proceedings of the 12<sup>th</sup> ACM Conference on Electronic Commerce (EC'11)*, pp. 337–338.

**Local Environmental Quality and Inter-Jurisdictional Spillovers**, with Katrina Kosec, working paper, 2013.

**Existence of Stable Matchings in Large Markets With Complementarities**, with Eduardo M. Azevedo, working paper, 2013.<sup>3</sup>

**Federalism, Tax Base Restrictions, and the Provision of Intergenerational Public Goods**, working paper, 2010.

**Polarization and the Power of Lobbyists**, working paper, 2009.

**Multitasking, Limited Liability, and Political Agency**, with Gerard Padró i Miquel, working paper, 2007.

## TEACHING

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Foundations of Political Economy (POLECON 680): 2006-2009, 2011.

Economic Analysis of Political Institutions (POLECON 681): 2013.

Law and Economics for Corporate Strategy (POLECON 232/530/330): 2007-2010, 2012-2013.

Strategy in the Nonmarket Environment (POLECON 230): 2005-2006.

## AWARDS

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Excellence in Refereeing Award, *American Economic Review*, 2009, 2011, 2012.

Stanford Institute for Economic Policy Research (SIEPR) Dissertation Fellowship, 2004-2005.

Attendee of 1<sup>st</sup> Lindau Meeting of the Bank of Sweden Prize in Economics in the Memory of Alfred Nobel, 2004.

Burt and Deedee McMurtry Stanford Graduate Fellowship, 2000-2003.

Alan R. Sweezy Prize in Economics, Caltech, 2000.

National Merit Scholar, Union Electric Company, 1996-2000.

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<sup>3</sup> Also published as an extended abstract in *Proceedings of the 14<sup>th</sup> ACM Conference on Electronic Commerce (EC'13)*, pp. 31–32.

## PROFESSIONAL ACTIVITIES AND SERVICE

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Associate Editor, *Economic Theory*, 2013-.

Referee for: *American Economic Review*, *American Economic Journal: Microeconomics*, *American Political Science Review*, *Econometrica*, *Economic Theory*, *Games and Economic Behavior*, *International Economic Review*, *Journal of Comparative Economics*, *Journal of Development Economics*, *Journal of Economic Growth*, *Journal of Economic Theory*, *Journal of the European Economic Association*, *Journal of Political Economy*, *Journal of Public Economic Theory*, *Journal of Public Economics*, *Mathematics of Operations Research*, *Quarterly Journal of Political Science*, *RAND Journal of Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Social Choice and Welfare*, *Theoretical Economics*, *World Development*.

Proposal Reviewer for: U.S. National Science Foundation (NSF).

Co-organizer, 2014 American Economic Association Meetings “Frontiers of Market Design” session (with Scott Duke Kominers and Alvin E. Roth).

Co-organizer, 2012 American Economic Association Meetings *Papers & Proceedings* “New Challenges for Market Design” session (with Scott Duke Kominers).

Program Committee Member, The Second Conference on Auctions, Market Mechanisms and Their Applications, 2012.

Co-organizer, 2011 American Economic Association Meetings “Frontiers of Matching Theory” session (with Scott Duke Kominers).

Co-organizer, 2008 Stanford Institute for Theoretical Economics “Decentralized Governance” session (with Gerard Padró i Miquel and Jonathan Rodden).

PhD Liaison, Stanford Graduate School of Business Political Economy Group, 2008-2009.

Organizer, Stanford Graduate School of Business Political Economy Seminar, 2005-2009, 2011.

Member: American Economic Association, Econometric Society, European Economic Association, Game Theory Society.

## DOCTORAL STUDENTS

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Clayton Featherstone (Department of Economics, Stanford University, 2010): Accepted post-doctoral position at Harvard Business School. Now accepted assistant professorship at the Wharton School, University of Pennsylvania.

Scott Duke Kominers (Department of Economics, Harvard University, and Harvard Business School, 2011): Accepted research scholar position at the Becker Friedman Institute, University of Chicago.

Katrina Kosec (Graduate School of Business, Stanford University, 2011): Accepted joint post-doctoral position at the International Food Policy Research Institute and the Poverty Action Lab, Massachusetts Institute of Technology.

Last revised June 24<sup>th</sup>, 2013.