

## TARUN SABARWAL, PH.D.

### *Curriculum Vitae*

Address: Economics, 1460 Jayhawk Blvd., University of Kansas, Lawrence KS 66045

E-mail: [sabarwal@ku.edu](mailto:sabarwal@ku.edu)

Phone: 785-864-2847

Fax: 785-864-5270

---

### POSITIONS

- 2016-Present Associate Chair and Director of Graduate Studies, Department of Economics, University of Kansas
- 2012-Present Associate Professor, Department of Economics, University of Kansas
- 2015 – 2015 Invited Professor, Université Paris 1 Panthéon Sorbonne (March-April)
- 2008 – 2012 Assistant Professor and Oswald Scholar, Department of Economics, University of Kansas
- 2005 – 2008 Visiting Lecturer, Department of Economics, Washington University in St. Louis
- 2002 – 2005 Lecturer, Department of Economics, University of Texas at Austin
- 2000 – 2002 Economist, Board of Governors of the Federal Reserve System
- 1991 – 1994 Financial Analyst/Cost Accountant, Western Digital Corporation

### EDUCATION

- 1994 – 2000 Ph.D., Economics (May 2000), University of California at Berkeley  
(Advisor: Robert M. Anderson)
- 1996 – 1999 M.A., Mathematics (December 1999), University of California at Berkeley
- 1989 – 1991 M.B.A., Finance (June 1991), University of Cincinnati
- 1985 – 1989 B.Commerce, Honors (May 1989), M. M. Modi College, Punjabi University

### PUBLICATIONS

- Barthel, Anne-Christine and Tarun Sabarwal (2018): "Directional Monotone Comparative Statics," *Economic Theory*, forthcoming
- Monaco, Andrew and Tarun Sabarwal (2016): "Games with Strategic Complements and Substitutes," *Economic Theory*, 62(1), 65-91
- Hoffmann, Eric J. and Tarun Sabarwal (2015): "A Global Game with Strategic Substitutes and Complements: Comment," *Games and Economic Behavior*, 94, 188-190
- Zhang, Shuoxun, Tarun Sabarwal, and Li Gan (2015): "Strategic or Non-Strategic: The Role of Financial Benefit in Bankruptcy," *Economic Inquiry*, 53(2), April, 1004-1018
- Roy, Sunanda and Tarun Sabarwal (2012): "Characterizing stability properties in games with strategic substitutes," *Games and Economic Behavior*, 75(1), 337-353

- Roy, Sunanda and Tarun Sabarwal (2010): “Monotone Comparative Statics for Games with Strategic Substitutes,” *Journal of Mathematical Economics*, 46(5), 793-806
- Sabarwal, Tarun (2009): “Securitization: understanding the risks and rewards,” in *Q Finance: The Ultimate Resource*, Bloomsbury, 576-578
- Berliant, Marcus and Tarun Sabarwal (2008): “When Worlds Collide: Different Comparative Static Predictions of Continuous and Discrete Agent Models with Land,” *Regional Science and Urban Economics*, 38(5), 438-444
- Roy, Sunanda and Tarun Sabarwal (2008): “On the (Non-)Lattice Structure of the Equilibrium Set in Games with Strategic Substitutes,” *Economic Theory*, 37(1), 161-169
- Kulkarni, Kedar and Tarun Sabarwal (2007): “To What Extent Are Investment Bank-Differentiating Factors Relevant For Firms Floating Moderate-Sized IPOs?” *Annals of Finance*, 3(3), July, 297-327 (Lead article)
- Sabarwal, Tarun (2007): “Value Maximization As An *Ex-Post* Consistent Firm Objective When Markets are Incomplete,” *The B.E. Journal of Theoretical Economics*, 7(1) (Topics), Article 4
- Sabarwal, Tarun (2006): “Common Structures of Asset-Backed Securities and Their Risks,” *Corporate Ownership and Control*, 4(1), Fall, 258-265
- Sabarwal, Tarun (2005): “The Non-Neutrality of Debt in Investment Timing: A New NPV Rule,” *Annals of Finance*, 1(4), 433-445
- Heitfield, Erik and Tarun Sabarwal (2004): “What Drives Default and Prepayment on Subprime Auto Loans?” *The Journal of Real Estate Finance and Economics*, 29(4), 457-477
- Echenique, Federico and Tarun Sabarwal (2003): “Strong Comparative Statics of Equilibria,” *Games and Economic Behavior*, 42(2), Feb., 307-314
- Sabarwal, Tarun (2003): “Competitive Equilibria with Incomplete Markets and Endogenous Bankruptcy,” *Contributions to Theoretical Economics*, 3(1), Jan., Art. 1 (Lead article)

## WORKING PAPERS

- Feng, Yue and Tarun Sabarwal (2018): “Strategic complements in two stage, 2x2 games,” submitted
- Hoffmann, Eric J. and Tarun Sabarwal (2017): “Equilibrium existence in global games with general payoff structures,” revised and resubmitted
- Hoffmann, Eric J. and Tarun Sabarwal (2016): “Monotone Global Games,” working paper
- Sabarwal, Tarun and Randal Watson (2005): “Large Stores and Contracting for Mall Locations,” working Paper
- Sabarwal, Tarun (2003): “On the Allocative Efficiency of Competitive Prices in Economies with Incomplete Markets,” working paper

#### **GRANTS AND AWARDS**

- “Opening New Views into Bankruptcy and Credit Markets Using Court Records,” **National Science Foundation**, SES-1355744, 2014-2017
- “Digital Preservation of Bankruptcy Records, 1898-2000,” funded by **Alfred P. Sloan Foundation**, 2012-2013
- “Monotone Comparative Statics for Games with Strategic Substitutes,” New Faculty General Research Fund Award, **University of Kansas**, 2009-10

#### **TEACHING**

##### **Graduate**

- Ph.D. Microeconomic Theory – I : Fall 2008-2017
- Ph.D. Microeconomic Theory – II: Fall 2009-2015
- Ph.D. Advanced Microeconomic Theory: 2014, 2016
- Game Theory, Ph.D.: Fall 2009, 2011
- Game Theory I, graduate: 2012, 2013, 2015, 2016
- Game Theory II, graduate: 2014, 2017
- Microeconomic Theory, graduate: 2017
- Decisions, Mechanisms, and Auctions, Ph.D.: 2011, 2013
- Ph.D. Quantitative Methods in Economics – I: Fall 2005-2007
- Ph.D. independent study supervision: several semesters
- Ph.D. qualifying examination group (2008 – present)
- Ph.D. mathematics preparation evaluation group (2008 – present)

##### **Undergraduate**

- Principles of Microeconomics: Fall 2004 (2), Spring 2005, Spring 2006 (2), Spring 2007
- Intermediate Microeconomic Theory: Fall 2002, Fall 2003 (2), Spring 2007, Spring 2009 (2); Spring 2011 (2); Spring 2012; Spring 2013 (2); Spring 2014
- Industrial Organization and Antitrust Policy: Spring 2016
- Advanced Microeconomic Theory: Spring 2003
- Household Finance, Bankruptcy, and Credit: Spring 2004 (2), Fall 2004, Spring 2005, Spring 2006, Fall 2006, Spring 2008 (2)

### **Student Supervision**

- Ph.D. dissertation supervision
  - Eric J. Hoffmann (2015, Rhodes College)
  - Anne-Christine Barthel (2014, Randolph College)
  - Andrew Monaco (2012, Colgate University)
  - Yue Feng (2017)
  - Jéssica Dutra (ongoing)
- M.A. thesis supervision
  - John R. Crooker V (2017)
- Ph.D. dissertation committee member
  - Aslihan Demirkaya, Mathematics (2011)
  - Zaier Aouani (2008)
  - Yang Seung Lee (2008)
- Ph.D. independent study supervision
  - Michael Roberts (Fall 2014)
  - Yue Feng (Fall 2013)
  - Eric Hoffman (Fall 2011; Spring 2013)
  - Anne-Christine Barthel (Spring 2010; Spring 2012)
  - Andrew Monaco (Fall 2009; Spring 2011)
- Undergraduate advising
  - Megan Nelson (2013-2014) (honors thesis committee member)
  - Joshua Dean (2012-13)
  - Matthew W. Dunlap (2009-10)
  - Kedar S. Kulkarni (2003-04; honors thesis supervision)

### **SCHOLARLY PRESENTATIONS**

2017

- Midwest Economic Theory meetings, Southern Methodist University (November 2017)
- North American Summer Meeting of the Econometric Society, Washington University in St. Louis (June 2017)
- University of California at Santa Cruz, Department of Economics (April 2017)

#### 2016

- Midwest Economic Theory meetings, Purdue University (December 2016)
- 16<sup>th</sup> SAET Conference on Current Trends in Economics, IMPA, Rio de Janeiro, Brazil (July 2016)

#### 2015

- Time, Uncertainty, and Strategies, a Novo Tempus and Labex MME-DII Conference, Université Paris 1 Panthéon-Sorbonne (December 2015)
- Waseda Workshop on Game Theory and Related Topics, Waseda University (August 2015)
- East Asian Game Theory Conference 2015, Waseda University (August 2015)
- Université Paris 1 Panthéon-Sorbonne (April 2015)

#### 2014

- Southern Methodist University, Department of Economics, Dallas (October 2014)
- Midwest Economic Theory meetings, University of Kansas (October 2014)
- Institute for Policy and Social Research, University of Kansas (September 2014)
- 14<sup>th</sup> SAET Conference on Current Trends in Economics, Waseda University, Tokyo, Japan (August 2014)
- Summer Workshop in Economic Theory, Université Paris 1 Panthéon-Sorbonne (June 2014)
- Midwest Economic Theory meetings, IUPUI, Indianapolis (May 2014)

#### 2013

- 83<sup>rd</sup> Annual Meeting of the Southern Economic Association, Tampa, FL (November 2013)
- Midwest Economic Theory meetings, University of Michigan at Ann Arbor (October 2013)
- Econometric Society European meetings (EEA-ESEM), University of Gothenberg, (August 2013)
- 13<sup>th</sup> SAET Conference on Current Trends in Economics, MINES ParisTech, Paris, France (July 2013)
- Kansas Workshop on Economic Theory, University of Kansas (May 2013),
- Annual Meeting of the Royal Economic Society, Royal Holloway University of London (April 2013)

#### 2012

- Conference on Theoretical Economics, University of Kansas (December 2012)
- Midwest Economic Theory meetings, Washington University in St. Louis (October 2012)
- Midwest Economic Theory meetings, Indiana University (May 2012)
- Annual Meeting of the Royal Economic Society, Cambridge University, (March 2012)

#### 2011

- 81<sup>st</sup> Annual Meeting of the Southern Economic Association, Washington D.C. (November 2011)
- Midwest Economic Theory meetings, Vanderbilt University (October 2011)
- NSF/NBER Conference, University of Iowa (October 2011)
- Econometric Society European meeting, University of Oslo (August 2011)
- 11<sup>th</sup> SAET Conference, Ancao (Faro), Portugal (June-July 2011)
- North American Summer Meeting of the Econometric Society, Washington University in St. Louis (June 2011)
- Midwest Economic Theory meetings, University of Notre Dame (April-May 2011)

#### 2010

- Conference on Theoretical Economics, University of Kansas (December 2010)
- Southern Economic Association, Atlanta, GA (November 2010) (x2 co-author; Hellen and Roy)
- Missouri Valley Economic Association meetings (October 2010) (co-author)
- Rice University, Department of Economics (October 2010)
- Midwest Economic Theory meetings, University of Wisconsin-Madison (September 2010) (co-author)
- University of Kansas, Department of Economics (September 2010)
- Arizona State University, Department of Economics (September 2010)
- Kansas Workshop on Economic Theory, University of Kansas (June 2010) (co-author)
- Midwest Economic Theory meetings session, “Topics in Game Theory 2,” Kellogg School of Management, Northwestern University (May 2010)
- Behavioral and Quantitative Game Theory conference, Newport Beach, California, (May 2010)

#### 2009

- Southern Economic Association meeting session, “Games in many settings,” San Antonio, Texas (November 2009)
- Economic Theory Workshop, University of Kansas (November 2009)
- Far Eastern and South Asian meeting of the Econometric Society session, “Game Theory IV,” University of Tokyo (August 2009)
- GETA 2009 conference, Waseda University (July-August 2009)

- 2009 SAET conference on current trends in economics, session, “Topics in Equilibrium Theory,” Ischia, Italy (June-July 2009)
- Sorbonne Workshop in Economic Theory, Paris School of Economics, University Paris 1 Pantheon-Sorbonne (June 2009)
- Kansas Workshop on Economic Theory, University of Kansas (June 2009)
- Midwest Economic Theory meetings session, “Game Theory I,” University of Iowa (May 2009)

#### 2008

- Conference in Theoretical Economics, University of Kansas (December 2008)
- Cornerstone Research (February 2008)
- SUNY-Plattsburgh, Department of Economics and Finance (February 2008)
- Haverford College, Department of Economics (January 2008)

#### 2007

- University of Kansas, Department of Economics (December 2007)
- 54<sup>th</sup> Annual Regional Science Association International Meetings session, “Urban Economics,” Savannah, Georgia, (November 2007)
- Midwest Economic Theory meetings session, “Game Theory,” University of Michigan at Ann Arbor (November 2007)
- University of Idaho, College of Business and Economics (March 2007)
- Penn State University, Worthington Scranton, Department of Economics (March 2007)
- University of San Francisco, Department of Economics (February 2007)
- University of Maryland, Baltimore County, Department of Economics (January 2007)

#### 2006

- Texas A&M University, Department of Economics (October 2006)
- Midwest Economic Theory meetings session, “General Equilibrium III,” Purdue University (October 2006)
- NBER/CEME/NSF Conference in General Equilibrium Theory, University of Kansas (October 2006)
- Midwest Macro meetings session, “Default,” Washington University in St. Louis (May 2006)

#### 2005

- Washington University in St. Louis, Department of Economics (October 2005)
- Queen’s University, Department of Economics (September 2005)

#### 2004

- Macalester College, Department of Economics (December 2004)

- University of Texas at Austin, McCombs School of Business, Department of Finance, Brown Bag series (September 2004)
- Delhi School of Economics (August 2004)
- Management Development Institute, Department of Finance (August 2004)
- Jawaharlal Nehru University, Department of Economics (August 2004)
- Indian Statistical Institute, Economic Planning Unit (July 2004)
- North American Summer Meetings of the Econometric Society session, “General Equilibrium: Incomplete Markets, Observable Restrictions, and Identification,” Brown University (June 2004)
- First General Equilibrium Theory Asia Conference, Keio University (June 2004)
- Ursinus College, Department of Business and Economics (January 2004)
- ASSA meetings, SGE session, “Understanding Investment Incentives Using Real Options Techniques,” San Diego, California (January 2004)

#### 2002-03

- UT-ITAM conference, Instituto Tecnológico Autónomo De México, Department of Economics (October 2003)
- Econometric Society summer meetings session, “Real Options,” Northwestern University (July 2003)
- University of Texas at Austin, Department of Economics, Summer Research series (June 2003)
- University of Texas at Austin, McCombs School of Business, Department of Finance, Brown Bag series (May 2003)
- ASSA meetings, SGE session, “Bankruptcy Theory and Policy,” Washington, D.C. (January 2003)
- Subprime Lending Symposium, Credit Research Center, Georgetown University, Washington, D.C. (September 2002)
- University of Texas at Austin, Department of Economics (September 2002)

#### 2000 and earlier

- General Equilibrium Conference, New York University (April 2000)
- University of Melbourne, Department of Economics (March 2000)
- University of Auckland, Department of Economics (March 2000)
- Federal Reserve Board, Research and Statistics, Washington, D.C. (February 2000)
- Universitat Pompeu Fabra, Department of Economics (February 2000)
- Stanford Institute of Theoretical Economics, Stanford University (July 1999)

### **PROFESSIONAL SERVICE**

- **Committee service**
  - Colloquium Committee, Chair (2015-16)
  - Computer and Technology Committee (2008-13)



- Department Sabbatical Committee (2009-10)
  - Department Executive Committee (2010-12, 2016-present)
  - Faculty Evaluation Committee (2009-11, 2013-14)
  - Graduate Program Committee (2009-10 and 2013-16 (member), 2016-present (chair))
  - M.A. Admissions/Policy Committee (2009-10)
  - Ph.D. qualifying examination group (2008-present)
  - Ph.D. mathematics preparation evaluation group (2008-present)
  - Ph.D. Admissions/Policy Committee (2011-2016 (member), 2016-present (chair))
  - Undergraduate Program Committee (2013-15)
- **Conference organization and participation**

Conferences organized:

    - 2017 Kansas Workshop in Economic Theory (May 2017)
    - 2016 Kansas Workshop in Economic Theory (May 2016)
    - Fall 2014 Midwest Economic Theory and International Trade Meetings (October 2014)
    - 2014 Kansas Workshop in Economic Theory (May 2014)
    - 2013 Kansas Workshop in Economic Theory (May 2013)
    - 2012 Kansas Workshop in Economic Theory (May 2012)
    - 2011 Kansas Workshop in Economic Theory (June 2011)
    - 2010 Kansas Workshop in Economic Theory (June 2010)
    - 2009 Kansas Workshop in Economic Theory (June 2009)

Sessions organized and chaired:

    - Session 2-B chair, Midwest Economic Theory meetings, Purdue University (December 2016)
    - Session organizer and chair, "Monotone Methods," 16<sup>th</sup> SAET Conference on Current Trends in Economics, IMPA, Rio de Janeiro, Brazil (July 2016)
    - Session, "Game Theory," 83<sup>rd</sup> Annual Meeting of the Southern Economic Association, Tampa, FL (November 2013)
    - Session, "Game Theory," Midwest Economic Theory meetings, University of Michigan at Ann Arbor (October 2013)
    - Session, "Industrial Organization," Midwest Economic Theory meetings, Washington University in St. Louis (October 2012)
    - Session, "Topics in Game Theory I," Midwest Economic Theory meetings, Vanderbilt University (October 2011)
    - Session, "Economic Theory," North American Summer Meetings of the Econometric Society, Washington University in St. Louis (June 2011)
    - Session, "Mechanism Design," Midwest Economic Theory meetings, University of Notre Dame (April 2011)
    - Session, "Micro Theory Mix I," Second Annual Economics Graduate Student Conference (Washington University in St. Louis, September 2007)

- Sessions “Default,” and “Labor Policy,” Midwest Macro Meetings, Washington University in St. Louis (May 2006)

Discussant:

- Conference on Theoretical Economics, University of Kansas (December 2011)
- Summer Workshop in Economic Theory (SWET 11), Paris School of Economics, July 2011
- Southern Economic Association meetings, November 2009
- GETA 2009 conference, July-August 2009
- ASSA-SGE session, January 2004
- UT-ITAM conference, Mexico City, October 2003
- Murray S. Johnson Conference, University of Texas at Austin, February 2003

Attendee:

- 2016 Hal White Antitrust Conference, Washington, D.C., June 2016, June 2017
- NBER Universities Research Conference, Cambridge, December 2008
- ASSA conference (January 2011, 2008, 2007, 2005, 2004, 2000)

- **Referee service**

- *Acta Applicanda Mathematicae*
- *Annals of Finance*
- *The B. E. Journal of Theoretical Economics*
- *Canadian Journal of Economics*
- *Chilean National Science and Technology Commission*
- *Computational Economics*
- *Econometrica*
- *Economics Bulletin*
- *Economic Journal*
- *Economic Theory*
- *El Trimestre Económico*
- *Games and Economic Behavior*
- *International Economic Review*
- *Israel Science Foundation*
- *Journal of Economic Behavior & Organization*
- *International Journal of Game Theory*
- *Journal of Economic Behavior & Organization*
- *Journal of Economic Theory*
- *Journal of Environmental Economics and Management*
- *Journal of Financial Intermediation*
- *Journal of Mathematical Economics*
- *Macroeconomic Dynamics*
- *National Science Foundation*
- *Review of Economic Studies*

- *Southern Economic Journal*
- *Theoretical Economics*

### **HONORS AND AWARDS**

- Inducted in Who's Who in Social Sciences Academia (February 2009)
- Graduate Division summer fellowship, University of California at Berkeley (1997)
- Graduate Academic Scholarship, University of Cincinnati (1989-1991)
- Gold Medal and Merit Scholarship, Punjabi University (1989)
- Finisher, San Francisco Marathon (1997)

### **OTHER INFORMATION**

- Affiliations: American Economic Association; Econometric Society; Society for Advancement of Economic Theory; Beta Gamma Sigma
- Citizenship: U.S.A.