

## **TARUN SABARWAL, PH.D.**

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### **EDUCATION**

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

### **POSITIONS**

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- 2020-Present Professor, Department of Economics, University of Kansas
- 2020 – 2021 Keeler Intra-University Professor, University of Kansas (Fall semester)
- 2018 – 2020 De-Min and Chin-Sha Wu Associate Professor of Economics, University of Kansas
- 2012 – 2020 Associate Professor, Department of Economics, University of Kansas
- 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

#### Short visiting positions

- 2022 – 2022 Visiting Research Professor, University of California at Berkeley
- 2021 – 2021 Visiting Professor, Caltech University
- 2021 – 2021 Visiting Professor, Université Paris 1 Panthéon Sorbonne
- 2021 – 2021 Visiting Scholar, Johns Hopkins University
- 2021 – 2021 Visiting Professor, Washington University in St. Louis

### **ADMINISTRATIVE AND PROFESSIONAL POSITIONS**

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- 2019-Present Director, [Center for Analytical Research in Economics](#)
- 2021-Present Trustee and Board Member, Self Graduate Fellowship Programs, University of Kansas
- 2021-Present Associate Editor, *International Journal of Economic Theory*
- 2019-Present Invited Expert Reviewer, *Mathematical Reviews*, American Mathematical Society
- 2020-Present Senator, Faculty Senate and University Senate, University of Kansas
- 2009-Present Chair and Organizer, [Annual Kansas Workshop in Economic Theory](#)
- 2020-Present Chair and Organizer, [Inter-University Colloquium on Analytical Research in Economics](#)
- 2020-Present Chair and Organizer, [Perspectives in Economics Research Seminar Series](#)
- 2016 – 2020 Associate Chair, Department of Economics, University of Kansas
- 2016 – 2020 Director of Graduate Programs, Department of Economics, University of Kansas

### **HONORS AND AWARDS**

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- 2020-Present Economic Theory Fellow, Society for Advancement of Economic Theory
- 2022-Present Marquis Who's Who in America
- 2022 – 2022 Berkeley Lectures on Monotone Games, U.C. Berkeley, Invited Lectures
- 2022-Present Member, Interdisciplinary Public Scholars Group, University of Kansas
- 2022 – 2022 Invited Expert Witness, The Counselor Series, Robert J. Dole Institute of Politics

2020 – 2021	Keeler Intra-University Professor Award, University of Kansas (Fall semester)
2020 – 2020	Undergraduate Mentor Spotlight, Center for Undergraduate Research, University of Kansas
2018 – 2020	De-Min and Chin-Sha Wu Faculty Award, University of Kansas
2018 – 2019	Senior Administrative Fellow of University of Kansas
2009-Present	Who's Who in Social Sciences Academia
1997	Graduate Division fellowship, University of California at Berkeley
1989 – 1991	Graduate Academic Scholarship, University of Cincinnati
1989	Gold Medal and Merit Scholarship, Punjabi University

## PUBLICATIONS

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- Barthel, Anne-Christine, Eric Hoffmann, and Tarun Sabarwal (2022): "Characterizing robust solutions in monotone games," *Games and Economic Behavior*, 135, September, 201-219
- Sabarwal, Tarun (2022): Review of "Differentially private distributed Nash equilibrium seeking for aggregative games" (in IEEE Trans. Automat. Control 67 (2022), no. 5, 2451-2458 by Ye, Maojiao, Guoqiang Hu, Lihua Xie, and Shengyuan Xu), *Mathematical Reviews/MathSciNet*, MR4413711
- Sabarwal, Tarun (2022): Review of "Equilibrium payoffs in two-player discounted OLG games" (in Internat. J. Game Theory 50 (2021), no. 4, 1021-1032 by Morooka, Chihirio), *Mathematical Reviews/MathSciNet*, MR4339137
- Sabarwal, Tarun (2022): Review of "Iterated elimination procedures" (in Economic Theory 70 (2020), no. 2, 437-465 by Luo, Xiao, Xuewen Qian, and Chen Qu), *Mathematical Reviews/MathSciNet*, MR4132947
- Sabarwal, Tarun (2021): Monotone Games: A unified approach to games with strategic complements and substitutes, Palgrave Macmillan (Springer)
- Sabarwal, Tarun (2021): Review of "Global games with strategic substitutes" (in Internat. Econom. Rev. 62 (2021), no. 1, 141-173 by Harrison, Rodrigo and Pedro Jara-Moroni), *Mathematical Reviews/MathSciNet*, MR4221887
- Sabarwal, Tarun (2021): Review of "A complete folk theorem for finitely repeated games" (in Internat. J. Game Theory 49 (2020), no. 4, 1129-1142 by Demeze-Jouatsa, Ghislain-Herman), *Mathematical Reviews/MathSciNet*, MR4181871
- Sabarwal, Tarun (2021): Review of "Multiplier effect and comparative statics in global games of regime change" (in Theor. Econ. 15 (2020), no. 2, 625-667 by Szkup, Michal), *Mathematical Reviews/MathSciNet* MR4095241
- Feng, Yue and Tarun Sabarwal (2020): "Strategic complements in two stage, 2x2 games," *Journal of Economic Theory*, 190, Article 105118
- Sabarwal, Tarun (2020): Review of "A formula for the value of a stochastic game" (in Proc. Natl. Acad. Sci. USA 116 (2019), no. 52, 26435-26443 by Attia, Luc and Oliu-Barton, Miquel), *Mathematical Reviews/MathSciNet* MR4054322, November

- Dutra, Jéssica and Tarun Sabarwal (2020): "Antitrust analysis with Upward Pricing Pressure and cost efficiencies," *PLoS ONE*, 15(1): e0227418
- Sabarwal, Tarun (2020): Review of "Nash and Bayes-Nash equilibria in strategic-form games with intransitivities" (in *Econom. Theory* 68 (2019), no. 4, 935-965 by Carbonell-Nicolau, Oriol and McLean, Richard P.), *Mathematical Reviews/MathSciNet* MR4026585, November
- Sabarwal, Tarun (2020): Review of "The return function: a new computable perspective on Bayesian-Nash equilibria" (in *European J. Oper. Res.* 279 (2019), no. 2, 471-485 by Hoang, Lê Nguyễn and Soumis, François and Zaccour, Georges), *Mathematical Reviews/MathSciNet* MR3979463, March
- Hoffmann, Eric J. and Tarun Sabarwal (2019): "Global games with strategic complements and substitutes," *Games and Economic Behavior*, 118, November, 72-93
- Hoffmann, Eric J. and Tarun Sabarwal (2019): "Equilibrium existence in global games with general payoff structures," *Economic Theory Bulletin*, 7(1), 105-115
- Barthel, Anne-Christine and Tarun Sabarwal (2018): "Directional monotone comparative statics," *Economic Theory*, 66(3), 557-591, Lead article
- Sabarwal, Tarun (2018): "The shape of rational choices in game theory," *Scientia*, DOI: <https://doi.org/10.26320/SCIENTIA212>  
Audio book at: <https://www.scipod.global/the-shape-of-rational-choices-in-game-theory-dr-tarun-sabarwal-university-of-kansas/>
- 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," *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), February, 307-314
- Sabarwal, Tarun (2003): "Competitive Equilibria with Incomplete Markets and Endogenous Bankruptcy," *Contributions to Theoretical Economics*, 3(1), Jan., Art. 1 (Lead article)

#### SELECTED RESEARCH IN PROGRESS

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- Higgins, John and Tarun Sabarwal (2023): "Control and spread of contagion in networks with global effects," *Working Paper Series in Theoretical and Applied Economics*, University of Kansas, no. 202211 available at [RePEc](#) and [SSRN](#); under review
- Paul, Uttiya and Tarun Sabarwal (2023): "Directional monotone comparative statics in function spaces," *Working Paper Series in Theoretical and Applied Economics*, University of Kansas no. 202303, available at [RePEc](#) and [SSRN](#), under review
- Sabarwal, Tarun (2023): "Foundations of models with complementarities," working paper
- Sabarwal, Tarun (2023): "Universal models with complementarities," working paper
- Sabarwal, Tarun (2022): "A comparative study of monotone games: Theory and applications," work-in-progress

- Feng, Yue and Tarun Sabarwal (2022): “Incentives to coordinate over time in dynamic games,” work-in-progress
- Sabarwal, Tarun (2020): “Program design for doctor of philosophy degree in economics,” work-in-progress
- Sabarwal, Tarun and Hoa Vu (2020): “Two stage 2x2 games with strategic substitutes and strategic heterogeneity,” working paper

## **INNOVATIONS, PATENTS, AND GRANTS**

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- *Managing network contagion*, United States Patent Office, provisional patent filed in 2022, nonprovisional filing in progress
- *Opening New Views into Bankruptcy and Credit Markets Using Court Records*, National Science Foundation, SES-1355744, 2014-2017, \$176,061
- *Digital Preservation of Bankruptcy Records, 1898-2000*, Alfred P. Sloan Foundation, 2012-2013, \$48,160
- *Monotone Comparative Statics for Games with Strategic Substitutes*, New Faculty General Research Fund Award, University of Kansas, 2009-10, \$8,000

## **TEACHING**

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### **Graduate Teaching**

- PhD: Microeconomic Theory-I (2008-2019, 2022)
- PhD: Microeconomic Theory-II (2009-2015)
- PhD: Advanced Microeconomic Theory (2014, 2016, 2017)
- PhD/MA: Game Theory (2009, 2011, 2012, 2013, 2015, 2016, 2021, 2022, 2022)
- PhD/MA: Game Theory II (2014, 2017, 2022, 2023)
- PhD: Monotone Games (2019, 2021)
- PhD: Decisions, Mechanisms, and Auctions (2011, 2013)
- PhD: Quantitative Methods in Economics-I (2005-2007)
- PhD: Independent study supervision (many semesters)
- PhD: Qualifying examination (2008-present)
- PhD: Mathematics preparation evaluation (2008-2020)

### **Undergraduate Teaching**

- Decision-making under constraints (Spring 2023)
- 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**

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### **Chair, PhD Dissertation Committee**

- Uttiya Paul (2024, expected)
- Caio Vigo Pereira (2021, cQuant.io)
- Jéssica Dutra (2019, Economists Incorporated, Secretariat Economists)
- Yue Feng (2017, Nanjing University, Bank of Nanjing; Assistant Professor at Nanjing University)
- Eric J. Hoffmann (2015, Rhodes College; tenured at West Texas A&M University)
- Anne-Christine Barthel (2014, Randolph College; tenured at West Texas A&M University)
- Andrew Monaco (2012, Colgate University; tenured at University of Puget Sound)

### **Chair, Master's Committee**

- Uttiya Paul (2022, Math, Thesis committee co-chair)
- John R. Crooker V (2017, Thesis committee chair)
- Master's Exam: Total = 44
  - 1 exam committee co-chaired in 2021
  - 9 exam committees chaired in 2020
  - 17 exam committees chaired in 2019
  - 7 exam committees chaired in 2018
  - 10 exam committees chaired in 2017

### **Chair, Oral Comprehensive Committee**

- Uttiya Paul (2022)
- Jéssica Dutra
- Yue Feng
- Eric J. Hoffmann
- Anne-Christine Barthel
- Andrew Monaco

### **Chair, PhD Third Year Paper Committee**

- Minh Cao (2022-23)
- Si Chen (2021-22)
- Uttiya Paul (2020-21)
- Jéssica Dutra (2016-17)
- Yue Feng (2014-15)
- Eric J. Hoffmann (2012-13)
- Anne-Christine Barthel (2011-12)
- Andrew Monaco (2010-11)

### **Chair, PhD Second Year Paper Committee**

- Minh Cao (2021-22)
- Si Chen (2020-21)
- Uttiya Paul (2019-2020)

### **Member, PhD Dissertation Committee**

- Gunawan, Economics (2023) (Oral comprehensive)
- Pixiong Chen, Economics (2022) (Oral comprehensive and final defense)
- Sefika Kuzgun, Mathematics (2022) (Final defense)
- Wael Saker, Applied Mathematics, Université Paris 1 Panthéon Sorbonne (2021); Expert outside reviewer (Preliminary and final defense)
- Bibekananda Mishra, Mathematics (2021; Final defense)
- Hoa Vu, Economics (2021)
- Zeyan Shen, Economics (2021)
- Sefika Kuzgun, Mathematics (2021) (Oral comprehensive)
- Xiyuan Liu (2021)
- Bibekananda Mishra, Mathematics (2020-21; Oral comprehensive)
- Fan Wang (2020)
- Rina Na (2019)
- Fatima Hasan (2019)
- Chaozheng Li (2018)
- Aslihan Demirkaya, Mathematics (2011)
- Zaier Aouani (2008)
- Yang Seung Lee (2008)

### **Member, Master's Committee**

Master's Exam: Total = 44

- 7 master's exam committees in 2021
- 2 master's exam committees in 2019
- 5 master's exam committees in 2018
- 6 master's exam committees in 2016
- 9 master's exam committees in 2015
- 7 master's exam committees in 2014
- 5 master's exam committees in 2013
- 3 master's exam committees in 2012

### **Member, PhD Third Year Paper Committee**

- Sohee Park (2019)
- Bozhidar Radev (2019)
- Pixiong Chen (2018)
- Xiyuan Liu (2018)
- Zeyan Shen (2017)

### **Supervisor, PhD Independent Study**

- Si Chen (Summer 2020-22, and ongoing, Spring 2023)
- Caio Vigo Pereira (Summer 2020; winner of KU Summer Research Scholarship for 2020)
- Srishti Slaria (Summer 2020; selected for 2020 Sloan/Berkeley Virtual Summer School in Environmental and Energy Economics)
- Uttiya Paul (Summer 2019-Summer 2020)
- Bozhidar Radev (Summer 2019, Summer 2020)

- Bibekananda Mishra, Mathematics (AY 2018-19)
- Hoa Vu (Summer 2018)
- Michael Roberts (Fall 2014)
- Yue Feng (Fall 2013)
- Eric J. Hoffmann (Fall 2011; Spring 2013)
- Anne-Christine Barthel (Spring 2010; Spring 2012)
- Andrew Monaco (Fall 2009; Spring 2011)

#### **Supervisor, Undergraduate Research**

- Caleb Jennings (2022) (honors thesis committee member)
- John Higgins (2019-21; University of Kansas undergraduate research award winner in 2019-20)
- Ivan Davidson (Summer 2018)
- Megan Nelson (2013-14) (honors thesis committee member)
- Joshua Dean (2012-13)
- Matthew W. Dunlap (2009-10)
- Kedar S. Kulkarni (2003-04; honors thesis supervision)
- Provided first-hand research experience in original source data collection to 17 undergraduate students as part of externally funded research on bankruptcy (2012-13; 2014-17)

#### **SEMINARS AND SCHOLARLY PRESENTATIONS**

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##### 2023

- Eighth Annual Conference on Network Science and Economics, NSF-sponsored series on *Network Science in Economics*, Virginia Tech University (March 2023)
- Marden lab, Electrical and Computer Engineering, University of California at Santa Barbara (January 2023)

##### 2022

- 17th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, India (December 2022)
- Department of Physics and Astronomy, University of Kansas (November 2022)
- Agosto lab, Ecology and Evolutionary Biology, University of Kansas (October 2022)
- 33<sup>rd</sup> Stony Brook International Conference on Game Theory, session "Information and Networks 1," Stony Brook University, Stony Brook, New York (July 2022)
- 21<sup>st</sup> Annual SAET Conference, session "Collective decisions, complementarity, and contagion," Australian National University, Canberra, Australia (July 2022)
- University of California at Berkeley, Department of Economics (March 2022)
- University of California at Los Angeles, Department of Economics (February 2022)

##### 2021

- Washington University in St. Louis, Economic Theory Center, Department of Economics (December 2021)
- Université Paris 1 Panthéon Sorbonne, Applied Mathematics (November 2021)
- Johns Hopkins University, Department of Economics (November 2021)
- University of California at San Diego, Department of Economics (October 2021)
- University of California at Davis, Department of Economics (October 2021)



- University of California at Berkeley, Department of Economics (October 2021)
- Caltech University, Division of Humanities and Social Sciences (October 2021)
- University of California at Riverside, Department of Economics (September 2021)
- Tsinghua University, School of Economics and Management, China (September 2021)
- 2021 Australasian Meeting of the Econometric Society, session "Game Theory," University of Melbourne, Australia (July 2021)
- 2021 China meeting of the Econometric Society, session 37, "Solution Concepts," School of Entrepreneurship and Management, ShanghaiTech University, Shanghai, China (July 2021)
- 2021 Asian Meeting of the Econometric Society, session AM44, "Game and Bargain," Curtin University, Miri, Malaysia (June 2021)
- XXIX European Workshop on Economic Theory, in session 5A, "Games 2," Sir Harry Solomon School of Management, Western Galilee College, Akko, Israel (June 2021)
- 2021 Africa Meeting of the Econometric Society, in session, "Game Theory and Networks," Ecole Nationale Supérieure de Statistique et d'Economie Appliquée, Abidjan, Ivory Coast (June 2021)
- University of California at Davis, Department of Economics (May 2021)
- National University of Singapore, Department of Economics (April 2021)
- Iowa State University, Department of Economics (February 2021)

#### 2020

- Winter School 2020, Delhi School of Economics and Econometric Society, session, "Game Theory" (December 2020)
- 90<sup>th</sup> annual meetings of the Southern Economics Association, in session, "Learning and Coordination in Networks and Games" (November 2020)
- 90<sup>th</sup> annual meetings of the Southern Economics Associations, in session, "Efficiency, Fairness, Frictions, and Robustness" (November 2020)
- Research School of Economics, Australian National University, Australia (November 2020)
- Inter-University Colloquium on Analytical Research in Economics (August 2020)
- Perspectives in Economics Research (July 2020)
- Perspectives in Economics Research (April 2020)

#### 2019

- 15th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, India (December 2019)
- Southern Economic Association 89<sup>th</sup> Annual Meetings, Fort Lauderdale, Florida (November 2019)
- 2019 NSF/NBER/CEME Mathematical Economics Conference, University of California at Berkeley (October 2019)
- 19<sup>th</sup> Annual SAET Conference, Ischia, Italy (July 2019)
- 30th International Conference on Game Theory, Stony Brook University (July 2019)

#### 2018

- Southern Economic Association 88<sup>th</sup> Annual Meetings, Washington, DC (November 2018)
- Lancaster Game Theory Conference, Lancaster University (November 2018)
- 29th International Conference on Game Theory, Stony Brook University (July 2018)
- XXVII European Workshop on General Equilibrium Theory, Université Paris 1 Panthéon-Sorbonne (June 2018)
- Midwest Economic Theory meetings, Drexel University (May 2018)

- Kansas Workshop in Economic Theory, University of Kansas (May 2018)

#### 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 and earlier

- 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)
- 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)
- 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)
- 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)
- 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)
- 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)

- Conference on Theoretical Economics, University of Kansas (December 2010)
- 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)
- 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)
  
- 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, Université Paris 1 Panthéon 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)
  
- 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)
  
- 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)
  
- 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)
  
- Washington University in St. Louis, Department of Economics (October 2005)

- Queen’s University, Department of Economics (September 2005)
- 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)
- 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)
- 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

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- **Research Center**
  - Founder and Director, Center for Analytical Research in Economics (2019-Present)
- **Editorial Board**
  - Associate Editor, *International Journal of Economic Theory* (2021-present)
- **Department**
  - Associate Chair, Department of Economics (2016-20)

- Director of Graduate Programs, Department of Economics (2016-20)
- Chair, Promotion and Tenure Committee (2022-present)
- Chair, Graduate Program Committee (2016-20)
- Chair, PhD Admissions Committee (2016-19)
- Chair, PhD Qualifying Exam Committee (2016-20)
- Chair, PhD Mathematics Review Committee (2008-20)
- Chair, Sabbatical Committee (2019-20)
- Chair, Website Committee (2018-19)
- Chair, Colloquium Committee (2015-16)
- Member, Department Executive Committee (2010-12, 2016-20)
- Member, Graduate Program Committee (2009-10, 2013-16)
- Member, PhD Admission Committee (2011-16, 2019-20, 2022-present)
- Member, PhD Qualifying Exam Committee (2008-16, 2020-present)
- Member, Faculty Evaluation Committee (2009-11, 2013-14, 2018-20, 2022-present)
- Member, Faculty Search Committee for Microeconomics (2019-20)
- Member, Faculty Search Committee for Macroeconomics (2018-19)
- Member, Sabbatical Committee (2009-10)
- Member, Computer and Technology Committee (2008-13)
- Member, MA Admissions/Policy Committee (2009-10)
- Member, Undergraduate Program Committee (2013-15)
- **College and University**
  - Trustee, Self Graduate Fellowship Programs, University of Kansas (2021-present)
  - Board Member, Self Graduate Fellowship Programs, University of Kansas (2021-present)
  - Member, Public Scholars Group, University of Kansas (2022-present)
  - Member, University Committee on Sabbatical Leaves (2022-present)
  - Invited Expert Witness, The Counselor Series, Robert J. Dole Institute of Politics (2022-2022)
  - Senator, Faculty Senate, University of Kansas, (2020-present)
  - Senator, University Senate, University of Kansas(2020-present)
  - Member, Executive Council of Graduate Faculty, University of Kansas, (2018-2020)
  - Member, Argersinger Dissertation Award Committee, University of Kansas (2018-2020)
  - Member, Chancellor's Doctoral Fellowship Committee, University of Kansas (2018-2020)
  - Member, Graduate Studies Advisory Committee, Office of the Provost, University of Kansas (2019)
  - Member, General Research Fund Competition Evaluation Committee, College of Liberal Arts & Sciences, University of Kansas (2017-19)
  - Member, Hiring Committee for COGA academic advisor, College of Liberal Arts & Sciences, University of Kansas (2017-18)
  - Member, Foundation Professor Search Committee, University of Kansas (2014-15)
- **Research conferences and seminar series organized and chaired**
  - **Kansas Workshop in Economic Theory Series**  
Chair and Organizer, 2022 Kansas Workshop in Economic Theory  
Chair and Organizer, 2021 Kansas Workshop in Economic Theory  
Chair and Organizer, 2019 Kansas Workshop in Economic Theory  
Chair and Organizer, 2018 Kansas Workshop in Economic Theory  
Chair and Organizer, 2017 Kansas Workshop in Economic Theory

- Chair and Organizer, 2016 Kansas Workshop in Economic Theory
- Chair and Organizer, 2014 Kansas Workshop in Economic Theory
- Chair and Organizer, 2013 Kansas Workshop in Economic Theory
- Chair and Organizer, 2012 Kansas Workshop in Economic Theory
- Chair and Organizer, 2011 Kansas Workshop in Economic Theory
- Chair and Organizer, 2010 Kansas Workshop in Economic Theory
- Chair and Organizer, 2009 Kansas Workshop in Economic Theory
- Chair and Organizer, **Inter-University Colloquium on Analytical Research in Economics** (2020-present)
- Chair and Organizer, **Perspectives in Economics Research Seminar Series** (2020-present)
- Chair and Organizer, **Midwest Economic Theory and International Trade Meetings** Fall 2014. More at <https://midwest-econ.ku.edu/>
- **Sessions organized and/or chaired at research conferences**
  - Chair, "Session 1," Market Design Conference, Iowa State University (September 2022)
  - Chair and session organizer, "Collective decisions, complementarity, and contagion," 21st Annual SAET Conference, Australian National University, Canberra, Australia (July 2022)
  - Chair, Session Nine, 2021 Beijing International Workshop on Microeconomics: Empirics, Experiments and Theory (October 2021)
  - Chair, "Game Theory" session, 2021 Australasian Meeting of the Econometric Society, University of Melbourne, Australia (July 2021)
  - Chair and session organizer, "Learning and Coordination in Networks and Games," SEA 90<sup>th</sup> Annual Meetings, (November 2020)
  - Chair and session organizer, "Efficiency, Fairness, Frictions, and Robustness," SEA 90<sup>th</sup> Annual Meetings, (November 2020)
  - Chair, "Game Theory," session 6(e), 15th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, India (December 2019)
  - Chair and session organizer, "Markets, Networks, and Games", session 1.B.12, SEA 89<sup>th</sup> Annual Meetings, Fort Lauderdale, FL (November 2019)
  - Chair and session organizer, "Monotone Methods in Economics and Games," 19<sup>th</sup> Annual SAET Conference, Ischia, Italy (July 2019)
  - Chair and session organizer, "Games With Strategic Complements and Substitutes", session 3.A.32, SEA 88<sup>th</sup> Annual Meetings, Washington, DC (November 2018)
  - Chair, Midwest Economic Theory meetings, Session 2-B, Purdue University (December 2016)
  - Chair and session organizer, "Monotone Methods," 16<sup>th</sup> SAET Conference on Current Trends in Economics, IMPA, Rio de Janeiro, Brazil (July 2016)
  - Chair and session organizer, "Game Theory," 83<sup>rd</sup> Annual Meeting of the Southern Economic Association, Tampa, FL (November 2013)
  - Chair, "Game Theory," Midwest Economic Theory meetings, University of Michigan at Ann Arbor (October 2013)
  - Chair, "Industrial Organization," Midwest Economic Theory meetings, Washington University in St. Louis (October 2012)
  - Chair, "Topics in Game Theory I," Midwest Economic Theory meetings, Vanderbilt University (October 2011)

- Chair, “Economic Theory,” North American Summer Meetings of the Econometric Society, Washington University in St. Louis (June 2011)
- Chair, “Mechanism Design,” Midwest Economic Theory meetings, University of Notre Dame (April 2011)
- Chair, “Micro Theory Mix I,” Second Annual Economics Graduate Student Conference (Washington University in St. Louis, September 2007)
- Chair, “Default,” Midwest Macro Meetings, Washington University in St. Louis (May 2006)
- Chair, “Labor Policy,” Midwest Macro Meetings, Washington University in St. Louis (May 2006)

Additional conference participation

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:

- 2019 Kansas Law Review Symposium: Antitrust Law and Policy in the 21<sup>st</sup> Century
- 2016 Hal White Antitrust Conference, Washington, D.C., June 2016, June 2017
- NBER Universities Research Conference, Cambridge, December 2008
- ASSA conference (January 2000, 2004, 2005, 2007, 2008, 2011, 2019, 2020)

- **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 Inquiry*
- *Economic Journal*
- *Economic Theory*
- *Economic Theory Bulletin*
- *El Trimestre Economico*
- *Games and Economic Behavior*
- *International Economic Review*
- *Israel Science Foundation*
- *International Journal of Game Theory*
- *Japanese Economic Review*
- *Journal of Economic Behavior & Organization*
- *Journal of Economic Theory*
- *Journal of Environmental Economics and Management*
- *Journal of Financial Intermediation*

- *Journal of Mathematical Economics*
- *Journal of Public Economic Theory*
- *Macroeconomic Dynamics*
- *Mathematical and Computational Applications*
- *Mathematical Reviews*
- *Mathematical Social Sciences*
- *National Science Foundation*
- *Review of Economic Studies*
- *Review of Industrial Organization*
- *Southern Economic Journal*
- *Theoretical Economics*

#### **OTHER INFORMATION**

- Affiliations
  - American Association for the Advancement of Science
  - American Economic Association
  - Association of Computing Machinery
  - Beta Gamma Sigma
  - Econometric Society
  - Game Theory Society
  - Society for Advancement of Economic Theory
  - Southern Economic Association
- Finisher, San Francisco Marathon (1997)
- Citizenship: USA