M. Utku Ünver

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October 2026

PERMANENT ACADEMIC POSITIONS

- Professor, Boston College, Department of Economics (2011–present)
- Associate Professor, Boston College, Department of Economics (2008–2011)
- Assistant Professor, University of Pittsburgh, Department of Economics (2005–2008)
- Assistant Professor, Koç University (İstanbul), Department of Economics (2000–2005)

OTHER ACADEMIC POSITIONS

- Professorial Research Fellow, Deakin University (Victoria, Australia) (2017–present)
- Visiting Professor, Massachusetts Institute of Technology (Fall 2017)
- Distinguished Research Fellow, Koç University (İstanbul) (2013–2017)
- Visiting Researcher, Microsoft Research Lab at Cambridge, MA (Fall 2010)
- Research Fellow, Harvard Business School (2002–2003)

EDUCATION

- Ph.D. in Economics, University of Pittsburgh (2000)
- M.A. in Economics, University of Pittsburgh (1997) and Bilkent University (Ankara) (1995)
- B.Sc. in Electrical and Electronics Engineering, Bilkent University (Ankara) (1993)

RESEARCH AREAS

- Microeconomic theory — theory of market design, discrete allocation and exchange, matching, mechanism design, game theory, agent-based modeling
- Market design — liver and kidney living-donor paired exchange, pandemic resource allocation, child welfare system, school choice, matching under affirmative-action and other protections, labor-market and student (re)assignment, blood allocation and exchange, restricted labor market contracts, contest design, failures in decentralized and centralized matching markets

PROFESSIONAL HONORS, AWARDS, AND HONORIFIC CITATIONS

- Cited 9 times (6 among the main contributions that led to the prize) and mentioned by name in the Scientific Background of the 2012 Nobel Memorial Prize in Economic Sciences
- Honorary Ph.D., İnönü University (Malatya, Türkiye), for contributions to "liver-paired exchange" and their exchange program (2024)

- Paper "Pairwise Kidney Exchange" selected to "Articles celebrating the 50th anniversary of the *Journal of Economic Theory*" Edited by Karl Shell, Tilman Börgers, and Alessandro Pavan (2020)
- President, Society for Economic Design (2008–2015)
- Member, Science Academy, Türkiye (Bilim Akademisi) (elected in 2014)
- Franz Edelman Laureate for Achievement in Advanced Analytics, Operations Research, and Management Science, INFORMS (2014), for contributions to "kidney-paired exchange" and Alliance for Paired Kidney Donation
- Honorary Professor, Deakin University (Victoria, Australia) (2013–2015)
- Special Award, The Scientific and Technological Research Council of Türkiye (TÜBİTAK) (2013), (one of TÜBİTAK's three highest science awards)
- Distinguished Young Scientist Award (GEBİP), Turkish Academy of Sciences (TÜBA) (2005)
- Research Incentive Award, Middle East Technical University (ODTÜ) Prof. Dr. Mustafa Parlar Foundation (Ankara) (2005)
- Incentive Award in Social Sciences, Turkish Academy of Sciences (TÜBA) (2004)
- Best Graduate Student Paper Prize, Society for Computational Economics (1999), for the paper "Backward Unraveling over Time: The Evolution of Strategic Behavior in the Entry-Level British Medical Labor Markets."

EDITORIAL BOARDS

- Editor-in-Chief: *ACM Transactions on Economics and Computation* (2023–present)
- Associate/Advisory Editor: current: *Journal of Economic Theory* (2016–present), *Journal of Mechanism and Institution Design* (2015–present)
  past: *Theoretical Economics* (2012–2024), *Games and Economic Behavior* (2018–2026), *Journal of Mathematical Economics* (2010–2016), *Review of Economic Design* (2012–2019), *Journal of Dynamics and Games* (2015–2023), *BE Journal of Theoretical Economics* (2007–2013)

NSF GRANTS

- Principal Investigator, National Science Foundation Grant, "Liver Exchange," SES #1729778, September 2017–August 2019 (grant amount: $291,749, including two co-PIs, Tayfun Sönmez and M. Bumin Yenmez).
- Co-Principal Investigator, National Science Foundation Grant, "Organ Exchange for Kidneys, Livers, and Lungs," SES #1426440, September 2014–August 2017 (grant amount: $280,247, including PI Tayfun Sönmez).
- Principal Investigator, National Science Foundation Grant, "Collaborative Research: The Optimal Timing of Kidney Exchanges: A Markov Game Approach," CMMI #1069100, June 2011–May 2014 (grant amount: $90,978).
- Principal Investigator, National Science Foundation Grant, "Collaborative Research: Kidney Exchange," SES #0616689, August 2006–July 2008 (grant amount: $69,870).
- Co-Principal Investigator, National Science Foundation Grant, "EHP: Market Culture, Performance, and the Timing of Transactions," SES #0338619, July 2004–June 2010 (grant amount: $323,338, including PI Alvin E. Roth and co-PI Muriel Niederle).

WORKING PAPERS AND PUBLICATIONS

Legend: ○: current WP; #: publication (*: contributed); ▷: dormant WP.

Almost all titles are clickable. For gated papers, a PDF is likely available at https://sites.bc.edu/utku-unver.

For an area-based listing, see this PDF. Surveys and handbook chapters, abstracts in computer science conference proceedings, and publications in medicine and health policy are listed last.

- ○ "Search and Matching for Adoption from Foster Care." Revised: April 2026, Initial: March 2021, Revise-and-Resubmit, ***Operations Research*** (with Ludwig Dierks, Nils Olberg, Sven Seuken, and Vincent W. Slaugh).
- ○ "Flexible Multi-unit Exchange: Theory and An Application to Blood Allocation with Replacement Donors." Revised: March 2026, Initial: June 2021, Revise-and-Resubmit, ***American Economic Review*** (with Xiang Han and Onur Kesten).
- ○ "When Family Incentives Meet Caseworker Scarcity: Improving Adoption Outcomes for Children with Disabilities." Revised: March 2026, Initial: September 2022 (with Ludwig Dierks and Vincent W. Slaugh).
- ○ "Rematching with Contracts under Labor Mobility Restrictions: Theory and Application." Revised: December 2025, Initial: April 2024, Revise-and-Resubmit, ***Management Science*** (with Umut Dur and Robert G. Hammond).
- ○ "Optimal Dynamic Matching under Local Compatibility: An Application to Kidney Exchange." July 2025 (with Ömer Faruk Şahin, Duygu Sili, and Özgür Yılmaz).
- ○ "Market Design for Distributional Objectives in (Re)assignment: An Application to Improve the Distribution of Teachers in Schools." Revised: January 2025, Initial: February 2022, Revise-and-Resubmit, ***American Economic Review*** (with Julien Combe, Umut M. Dur, Olivier Tercieux, and Camille Terrier).
- ○ "Informed Neutrality in Minimalist Market Design: A Case Study on a Constitutional Crisis in India." Revised: June 2024, Initial: October 2022, Revise-and-Resubmit, ***Games and Economic Behavior*** (with Tayfun Sönmez).

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72. "Ordinal Simplicity in Discrete Mechanism Design." ***International Economic Review***, October 2025, 66 (4), 1665-1680 (with Marek Pycia).
71. "Fair Allocation of Vaccines, Ventilators and Antiviral Treatments: Leaving No Ethical Value Behind in Health Care Rationing." ***Management Science***, June 2024, 70 (6), 3999-4036 (with Parag A. Pathak, Tayfun Sönmez, and M. Bumin Yenmez).
70. "Reserve System Design for Allocation of Scarce Medical Resources in a Pandemic: Some Perspectives from the Field." ***Oxford Review of Economic Policy***, Winter 2022, 38 (4), 924-940 (with Parag A. Pathak, Govind Persad, and Tayfun Sönmez).
69. "Outside Options in Neutral Allocation of Discrete Resources." ***Review of Economic Design***, Special Issue in Honor of Semih Koray, December 2022, 26 (4), 581-604 (with Marek Pycia).
68. "Designing Practical and Fair Sequential Team Contests: The Case of Penalty Shootouts." ***Games and Economic Behavior***, November 2021, 130, 25-43 (with Nejat Anbarcı and Ching-Jen Sun).
67. "Incentivized Kidney Exchange." ***American Economic Review***, July 2020, 110 (7), 2198-2224 (with Tayfun Sönmez and M. Bumin Yenmez).
66. "Efficient and Incentive-Compatible Liver Exchange." ***Econometrica***, May 2020, 88 (3), 965-1005 (with Haluk Ergin and Tayfun Sönmez).

65. "Two-Sided Matching via Balanced Exchange." ***Journal of Political Economy***, June 2019, 127 (3), 1156-1177 (with Umut Dur).

64. "How (Not) to Integrate Blood Subtyping Technology to Kidney Exchange." ***Journal of Economic Theory***, July 2018, 176, 193-231 (with Tayfun Sönmez and Özgür Yılmaz).

63. "Market Design for Living-Donor Organ Exchanges: An Economic Policy Perspective." ***Oxford Review of Economic Policy***, Winter 2017, 33 (4), 676-704 (with Tayfun Sönmez).

62. "On Characterizations of the Probabilistic Serial Mechanism Involving Incentive and Invariance Properties." ***Mathematical Social Sciences***, Special Issue in Honor of Hervé Moulin, November 2017, 90, 56-62 (with Onur Kesten and Morimitsu Kurino).

61. "Toward a 50%-majority Equilibrium When Voters are Symmetrically Distributed." ***Mathematical Social Sciences***, Special Issue in Honor of Hervé Moulin, November 2017, 90, 145-149 (with Hervé Crès).

60. "Dual-Donor Organ Exchange." ***Econometrica***, September 2017, 85 (5), 1645-1671 (with Haluk Ergin and Tayfun Sönmez).

59. "Incentive Compatible Allocation and Exchange of Discrete Resources." ***Theoretical Economics***, January 2017, 12 (1), 287-329 (with Marek Pycia).

58. "The Pennsylvania Adoption Exchange Improves Its Matching Process." ***Interfaces*** (renamed as ***INFORMS Journal on Applied Analytics***), March–April 2016, 46 (2), 133-153 (with Vincent Slaugh, Mustafa Akan, and Onur Kesten).

57. "Decomposing Random Mechanisms." ***Journal of Mathematical Economics***, December 2015, 61, 21-33 (with Marek Pycia).

56. "A Theory of School Choice Lotteries." ***Theoretical Economics***, May 2015, 10 (2), 543-595 (with Onur Kesten).

55. "Kidney Exchange and the Alliance for Paired Donation: Operations Research Changes the Way Kidneys are Transplanted." ***Interfaces*** (renamed as ***INFORMS Journal on Applied Analytics***), January–February 2015, 45 (1), 26-42 (with Ross Anderson, Itai Ashlagi, David Gamarnik, Michael Rees, Alvin E. Roth, and Tayfun Sönmez).

54. "Altruistically Unbalanced Kidney Exchange." ***Journal of Economic Theory***, July 2014, 152, 105-129 (with Tayfun Sönmez).

53. "The 'Boston' School Choice Mechanism: An Axiomatic Approach." ***Economic Theory***, April 2014, 55 (3), 515-544 (with Fuhito Kojima).

52. "Two Axiomatic Approaches to the Probabilistic Serial Mechanism." ***Theoretical Economics***, January 2014, 9 (1), 253-277 (with Tadashi Hashimoto, Daisuke Hirata, Onur Kesten, and Morimitsu Kurino).

51. "Unraveling Results from *Comparable* Demand and Supply: An Experimental Investigation." ***Games***, Special Issue on Matching Markets, 2013, 4 (2), 243-282 (with Muriel Niederle and Alvin E. Roth).

50. "Ideology and Existence of 50%-Majority Equilibria in Multidimensional Spatial Voting Models." ***Journal of Theoretical Politics***, October 2010, 22 (4), 431-444 (with Hervé Crès).

49. "House Allocation with Existing Tenants: A Characterization." ***Games and Economic Behavior***, July 2010, 69 (2), 425-445 (with Tayfun Sönmez).

48. "Course Bidding at Business Schools." ***International Economic Review***, February 2010, 51 (1), 99-123 (with Tayfun Sönmez).

47. "Dynamic Kidney Exchange." ***Review of Economic Studies***, January 2010, 77 (1), 372-414.

46. "Internet Auctions with Artificial Adaptive Agents: A Study on Market Design." ***Journal of Economic Behavior and Organization***, August 2008, 67 (2), 394-417 (with John Duffy).

45. "Improving the Efficiency of Course Bidding at Business Schools: Field and Laboratory Studies." ***Marketing Science***, March–April 2008, 27 (2), 262-282 (with Aradhna Krishna).

44. "Random Paths to Pairwise Stability in Many-to-Many Matching Problems: A Study on Market Equilibration." ***International Journal of Game Theory***, Special Issue in Honor of David Gale's 85th Birthday, March 2008, 36 (3-4), 473-488 (with Fuhito Kojima).

43. "Unraveling Yields Inefficient Matchings: Evidence from Post-Season College Football Bowls." ***RAND Journal of Economics***, Winter 2007, 38 (4), 967-982 (with Guillaume Fréchette and Alvin E. Roth).

42. "Efficient Kidney Exchange: Coincidence of Wants in Markets with Compatibility Based Preferences." ***American Economic Review***, June 2007, 97 (3), 828-851 (with Alvin E. Roth and Tayfun Sönmez).

41. "Equilibrium Selection and the Role of Information in Repeated Matching Markets." ***Economics Letters***, February 2007, 94 (2), 284-289 (with Ernan Haruvy).

40. "Games of Capacity Manipulation in Hospital-Intern Markets." ***Social Choice and Welfare***, August 2006, 27 (1), 3-24 (with Hideo Konishi).

39. "Credible Group Stability in Many-to-Many Matching Problems." ***Journal of Economic Theory***, July 2006, 129 (1), 57-80 (with Hideo Konishi).

38. "Asset Price Bubbles and Crashes with Near-Zero-Intelligence Traders." ***Economic Theory***, April 2006, 27 (3), 537-563 (with John Duffy).

37. "The Dynamics of Law Clerk Matching: An Experimental and Computational Investigation of Proposals for Reform of the Market." ***Journal of Economic Dynamics and Control***, March 2006, 30 (3), 457-486 (with Ernan Haruvy and Alvin E. Roth).

36. "Pairwise Kidney Exchange." ***Journal of Economic Theory***, December 2005, 125 (2), 151-188 (with Alvin E. Roth and Tayfun Sönmez).

35. "House Allocation with Existing Tenants: An Equivalence." ***Games and Economic Behavior***, July 2005, 52 (1), 153-185 (with Tayfun Sönmez).

34. "On the Survival of Some Unstable Two-Sided Matching Mechanisms." ***International Journal of Game Theory***, June 2005, 33 (2), 239-254.

33. * "A Kidney Exchange Clearinghouse in New England." ***American Economic Review Papers and Proceedings***, (renamed as ***AEA: Papers and Proceedings***), May 2005, 95 (2), 376-380 (with Alvin E. Roth and Tayfun Sönmez).

32. "Room Assignment-Rent Division: A Market Approach." ***Social Choice and Welfare***, June 2004, 22 (3), 515-538 (with Atila Abdulkadiroğlu and Tayfun Sönmez).

31. "Kidney Exchange." ***Quarterly Journal of Economics***, May 2004, 119 (2), 457-488 (with Alvin E. Roth and Tayfun Sönmez).

30. "On Determination of Optimal Reserve Price in Auctions with Common Knowledge about Ranking of Valuations." In M. R. Sertel and S. Koray (Editors): **Advances in Economic Design**, Springer Studies in Economic Design, 2003, 79-94 (with A. Alexander Elbittar).

29. "Backward Unraveling over Time: The Evolution of Strategic Behavior in the Entry-Level British Medical Labor Markets." ***Journal of Economic Dynamics and Control***, June 2001, 25 (6-7), 1039-1080.

Surveys and Handbook Chapters

28. * "Influencing Policy and Transforming Institutions: Lessons from Kidney/Liver Exchange." In I. Lo, M. Ostrovsky, and P. A. Pathak (Editors): **New Directions in Market Design**, NBER Conference Report Series, University of Chicago Press, January 2026, Chapter 8 (with Tayfun Sönmez).
27. * "Matching under Non-Transferable Utility: Theory." In Y.-K. Che, P.-A. Chiappori, and B. Salanié (Editors): **Handbook of the Economics of Matching, Volume 2**, Elsevier, November 2025, Chapter 1, 1-118 (with Tayfun Sönmez).
26. * "Matching under Non-Transferable Utility: Applications." In Y.-K. Che, P.-A. Chiappori, and B. Salanié (Editors): **Handbook of the Economics of Matching, Volume 2**, Elsevier, November 2025, Chapter 3, 177-306 (with Tayfun Sönmez).
25. * "Child Welfare Services in the United States: An Operations Research Perspective." In G. Berenguer and M. Sohoni (Editors): **Nonprofit Operations and Supply Chain Management: Theory and Practice**, Springer Series in Supply Chain Management, Volume 25, Springer, March 2025, Chapter 14, 321-347 (with Vincent W. Slaugh, Ludwig Dierks, Alan Scheller-Wolf, and Andrew C. Trapp).
24. * "Market Design for Kidney Exchange." In N. Vulkan, A.E. Roth, and Z. Neeman (Editors): **The Handbook of Market Design**, Oxford University Press, 2013, Chapter 4, 91-137 (with Tayfun Sönmez).
23. * "Matching, Allocation, and Exchange of Discrete Resources." In J. Benhabib, A. Bisin, and M.O. Jackson (Editors): **Handbook of Social Economics, Volume 1**, North-Holland, 2011, Chapter 17, 781-852 (with Tayfun Sönmez).

Abstracts in Peer-Reviewed Computer Science Conference Proceedings

22. Abstract for "Search and Matching for Adoption from Foster Care." In ***Proceedings of the 6th ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO'26)***, 2026, forthcoming (with Ludwig Dierks, Nils Olberg, Sven Seuken, and Vincent W. Slaugh).
21. Abstract for "When Family Incentives Meet Caseworker Scarcity: Improving Adoption Outcomes for Children with Disabilities." In ***Proceedings of the 6th ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO'26)***, 2026, forthcoming (with Ludwig Dierks and Vincent W. Slaugh).
20. Extended Abstract for "Fair Allocation of Vaccines, Ventilators and Antiviral Treatments: Leaving No Ethical Value Behind in Health Care Rationing." In ***Proceedings of the 22nd ACM Conference on Economics and Computation (EC'21)***, July 2021, 785-786 (with Parag A. Pathak, Tayfun Sönmez, M. Bumin Yenmez).
19. Extended Abstract for "Blood Allocation with Replacement Donors: A Theory of Multi-unit Exchange with Compatibility-based Preferences." In ***Proceedings of the 22nd ACM Conference on Economics and Computation (EC'21)***, July 2021, 585-586 (with Xiang Han and Onur Kesten).

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▷ "Ordinal Simplicity and Auditability in Discrete Mechanism Design." Latest: October 2023 (with Marek Pycia).

▷ "The Trade-off Between Prioritization and Vaccination Speed Depends on Mitigation Measures." March 2021, NBER Working Paper (with Nikhil Agarwal, Andrew Komo, Chetan Patel, and Parag A. Pathak).

▷ "Paying It Backward and Forward: Expanding Access to Convalescent Plasma Therapy Through Market Design." Revised: October 2020, Initial: May 2020, NBER Working Paper (with Scott Duke Kominers, Parag A. Pathak, and Tayfun Sönmez).

▷ "Maintaining Diversity in Student Exchange." Latest: April 2015 (with Umut Dur and Onur Kesten).

▷ "Valuing Prearranged Paired Kidney Exchanges: A Stochastic Game Approach." Latest: October 2011, Final status: Revise-and-Resubmit, *Operations Research* (with Murat Kurt, Mark Roberts, and Andrew Schaefer).

▷ "Trading Cycles for School Choice." Latest: July 2011 (with Marek Pycia).

▷ "Market Mechanisms for Fair Allocation of Indivisible Objects and Money." Latest: March 2007, Final status: Revise-and-Resubmit, *Social Choice and Welfare*.

▷ "Transplant Center Incentives in Kidney Exchange." March 2005 (with Alvin E. Roth and Tayfun Sönmez).

Publications in Medicine and Health Policy

on Liver-Paired Exchange:

18. "Enhanced Role of Multi-Pair Donor Swaps in Response to Size Incompatibility: The First Two 5-Way and the First 6-Way Liver Paired Exchanges." ***American Journal of Transplantation***, October 2024, 24 (10), 1881-1895 (with Sezai Yılmaz, Tayfun Sönmez, Volkan İnce, Sami Akbulut, Kemal Barış Sarıcı, and Burak Işık).
17. * "Liver Paired Exchange." In R. W. G. Gruessner and E. Benedetti (Editors): **Living Donor Organ Transplantation, 2nd Edition, Volume 2**, Academic Press, Elsevier, 2024, Chapter 34, 1278-1283 (with Sezai Yılmaz, Tayfun Sönmez, Veysel Umman, Volkan İnce, Sami Akbulut, Murat Zeytunlu, Burak Işık, and Şükrü Emre).
16. "The First 4-Way Liver Paired Exchange from an Interdisciplinary Collaboration between Healthcare Professionals and Design Economists." ***American Journal of Transplantation***, October 2023, 23 (10), 1612-1621 (with Sezai Yılmaz, Tayfun Sönmez, Volkan İnce, Sami Akbulut, Burak Işık, and Şükrü Emre).
15. * "Leverbytesprogram - framtid för Sverige?" ("Liver Exchange - A future for Sweden?"), ***Läkartidningen (The Journal of the Swedish Medical Association)***, 2018, 115, E9YL (with Tommy Andersson and Tayfun Sönmez).

on Pandemic Resource Allocation:

14. "Weighted Lottery to Equitably Allocate Scarce Supply of COVID-19 Monoclonal Antibody." ***JAMA Health Forum***, September 2023, 4 (9), e232774 (with Erin K. McCreary, Utibe R. Essien, Chung-Chou H. Chang, Rachel A. Butler, Parag Pathak, Tayfun Sönmez, Ashley Steiner, Maddie Chrisman, Derek C. Angus, and Douglas B. White).
13. "A Multi-center Weighted Lottery to Equitably Allocate Scarce COVID-19 Therapeutics." ***American Journal of Respiratory and Critical Care Medicine***, August 2022, 206 (4), 503-506 (with Douglas B. White, Erin K. McCreary, Chung-Chou H. Chang, Mark Schmidhofer, Ryan Bariola, Naudia N. Jonaissant, Govind Persad, Robert D. Truog, Parag Pathak, and Tayfun Sönmez).
12. * "Fair Access to Scarce Medical Capacity for Non-COVID-19 Patients: A Role for Reserves." ***The British Medical Journal***, February 1, 2022, 376, o276 (with Govind Persad, Parag A. Pathak, and Tayfun Sönmez).
11. "A Novel Approach to Equitable Distribution of Scarce Therapeutics: Institutional Experience Implementing a Reserve System for Allocation of COVID-19 Monoclonal Antibodies." ***Chest***, December 2021, 160 (6), 2324-2331 (with Emily Rubin, Scott L. Dryden-Peterson, Sarah P. Hammond, Parag Pathak, and Tayfun Sönmez).
10. "Reserve Systems for Allocation of Scarce Medical Resources During the COVID-19 Pandemic: The Path From April 2020 to April 2021." ***Chest***, October 2021, 160 (4), 1572-1575 (with Parag A. Pathak

and Tayfun Sönmez).

9. "Categorized Priority Systems: A New Tool for Fairly Allocating Scarce Medical Resources in the Face of Profound Social Inequities." ***Chest***, March 2021, 159 (3), 1294-1299 (with Tayfun Sönmez, Parag A. Pathak, Govind Persad, Robert D. Truog, and Douglas White).
8. "COVID-19: How To Prioritize Worse-off Populations in Allocating Safe and Effective Vaccines." ***The British Medical Journal***, October 5, 2020, 371, m3795 (with Harald Schmidt, Parag Pathak, and Tayfun Sönmez).
7. * "Improving Ventilator Rationing Through Collaboration With Experts on Resource Allocation." ***JAMA Network Open***, June 2020, 3 (6), e2012838 (with Parag A. Pathak and Tayfun Sönmez).

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▷ "Rationing Safe and Effective COVID-19 Vaccines: Allocating to States Proportionate to Population May Undermine Commitments to Mitigating Health Disparities." November 2020 (with Harald Schmidt, Parag A. Pathak, Michelle Williams, Tayfun Sönmez, and Lawrence Gostin).

▷ "What Prioritizing Worse-Off Minority Groups for COVID-19 Vaccines Means Quantitatively: Practical, Legal and Ethical Implications." November 2020 (with Harald Schmidt, Michelle Williams, Parag A. Pathak, Tayfun Sönmez, and Lawrence Gostin).

▷ "Do Black and Indigenous Communities Receive their Fair Share of Vaccines Under the 2018 CDC Guidelines?" September 2020, NBER Working Paper (with Parag A. Pathak, Harald Schmidt, Adam Solomon, Edwin Song, and Tayfun Sönmez).

on Kidney-Paired Exchange:

6. * "Nierentausch in Deutschland: Analysen und Empfehlungen." ("Kidney Exchange in Germany: Analyses and Recommendations.") ***Medizinrecht***, 2024, 42 (8), 567-572 (with Axel Ockenfels and Tayfun Sönmez).

   An English version appeared as "Crossover Kidney Donation in Germany." ***Wirtschaftsdienst: Economic Policy Journal***, 2024, 104 (8), 513.
5. * "New Sources in Living Kidney Donation." In D. B. McKay and S. M. Steinberg (Editors): **Kidney Transplantation: A Guide to the Care of Kidney Transplant Recipients**, Springer, 2010, Chapter 8, 103-117 (with Ruthanne Hanto, Alvin E. Roth, and Francis Delmonico).
4. "A Non-simultaneous Extended Altruistic Donor Chain." ***The New England Journal of Medicine***, March 12, 2009, 360 (11), 1096-1101 (with M.A. Rees, J.E. Kopke, R.P. Pelletier, D.L. Segev, M.E. Rutter, A.J. Fabrega, J. Rogers, O.G. Pankewycz, J. Hiller, A.E. Roth, T. Sandholm, and R.A. Montgomery).
3. * "Kidney Paired Donation with Compatible Pairs." ***American Journal of Transplantation***, February 2008, 8 (2), 463 (with Alvin E. Roth and Tayfun Sönmez).
2. "Utilizing List Exchange and Non-directed Donation through 'Chain' Paired Kidney Donations." ***American Journal of Transplantation***, November 2006, 6 (11), 2694-2705 (with Alvin E. Roth, Tayfun Sönmez, Francis L. Delmonico, and Susan L. Saidman).
1. "Increasing the Opportunity of Live Kidney Donation By Matching for Two and Three Way Exchanges." ***Transplantation***, March 15, 2006, 81 (5), 773-782 (with Susan L. Saidman, Alvin E. Roth, Tayfun Sönmez, and Francis L. Delmonico).

SOCIETY & CONFERENCE BOARDS

- Board Member (2008–present): Society for Economic Design; Council Member: Society for Social Choice and Welfare (2014–2019)

- Co-organizer and Program Co-chair: Social Choice and Welfare Conference (2014), Winter Workshop of Society for Economic Design and Johns Hopkins University (2011)
- Program Co-chair: Conference on Economic Design (2008)
- Senior Program Committee Member: ACM Economics & Computation Conference (2023, 2022, 2014, 2013)
- Organization Committee Member: Conference for the 20th Anniversary of Roth–Sotomayor (2010)
- Program Committee Member: Conference on Mechanism and Institution Design (2024), Econometric Society Meetings (2022), ACM Economics and Computation Conference (2016, 2012), Social Choice and Welfare Conference (2022, 2018, 2016, 2008, 2006), Conference on Economic Design (2017, 2015, 2013, 2006), MATCH-UP Conference (2015)

DISTINGUISHED TALKS

- First Lecture, Bilkent University Opening Class in GE 100 for all Freshmen (2026)
- Keynote, University of Macau Talent Program as Distinguished Visiting Scholar (2026)
- Plenary, Peking University HSBC Business School Economic Theory Workshop, Shenzhen (2026)
- Keynote, 1st Boston College Graduate Students Conference (2025)
- Keynote, 25th Conference of the Coalition Theory Network, Barcelona (2022)
- Keynote, SING16 European Meeting on Game Theory, Virtual (2021)
- Keynote, Matching in Practice Workshop, Virtual (2021)
- Keynote, 50th NBER Decentralization Conference, Virtual (2021)
- Keynote, International City, Environment, and Health Conference of Türkiye, Virtual (2021)
- Keynote, Match-Up Conference, Ascona, Switzerland (2019)
- Keynote, SHUFE Theory Conference, Shanghai University of Finance and Economics (2018)
- Keynote, Arne Ryde Conference on Market Design, Lund University, Sweden (2018)
- Keynote, Matching in Practice Workshop, Hungarian Academy of Science, Budapest (2016)
- Semi-plenary, Game Theory Society World Congress, University of Maastricht (2016)
- Keynote, Computational Social Choice Meeting, Toulouse School of Economics (2016)
- Keynote, RES-York Symposium on Game Theory, University of York, UK (2016)
- Keynote, Australasian Economic Theory Workshop, Deakin University, Melbourne (2015)
- Invited Tutorial, ACM Economics and Computation Conference, UPenn (2013)
- Invited Tutorial, AI and Simulated Behavior Conference, University of Exeter, UK (2013)
- Special COST Lecture, Conference on Economic Design, Lund University, Sweden (2013)
- Fred Gruen Public Lecture, Australian National University, Canberra (2013)
- Terri McLaine Waters Alum Seminar, University of Pittsburgh (2010)
- Plenary, International Conference on Game Theory, SUNY Stony Brook, NY (2010)
- Semi-plenary, Econometric Society Europe Meeting, European University, Budapest (2007)
- Murat Sertel Keynote Lecture, Boğaziçi University, İstanbul (2004)

TEACHING & ADVISING

Teaching

- Graduate: Microeconomic Theory II, Mechanism Design, Matching Market Design

- Undergraduate: Market Design, Intermediate Microeconomics, Game Theory

Advising or Letter Writing

Ph.D. Students

Legend: * denotes that the student's one main area is market design; ^{n} denotes a non-academic, non-research placement. Student's degree-granting institutions are in parentheses, with the year of the degree, the degree area—if not economics, and my role denoted as **P**: primary advisor/co-advisor; **S**: secondary advisor; **C**: committee member; **O**: other, only involved with defense or letter writing. The final entries are the first and subsequent placements—if the first position is a post-doc.

1. Ayça Giritligil (Boğaziçi, İstanbul, 2001, **O**) Işık (İstanbul), asst. prof.
2. Hadi Yektaş (Pitt, 2006, **C**) Guelph (Canada), visiting
3. Yong-Ju Lee (Pitt, 2007, **C**) Samsung Research^n (Korea)
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16. Orhan Aygün* (BC, 2014, **C**) Boğaziçi (İstanbul), tenure track
17. Chen-Yu Pan (BC, 2014, **C**) Wuhan (China), tenure track
18. Bertan Turhan* (BC, 2015, **P**) ITAM (Mexico City), tenure track
19. Yat F Wong (BC, 2015, **C**) Southwestern Finance & Economics (China), tenure track
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22. Xiang Han* (Southern Methodist, 2017, **O**) Shanghai Finance & Economics, tenure track
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32. Haydar Evren* (BC, 2022, **P**) Akuna Capital^n
33. Sriram Natarajan* (BC, 2022, **P**) Independent consultant^n
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Legend: My role is denoted as **A**: advisor/co-advisor on thesis; **O**: other advisor and letter writer.

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2. Joe Jourden (BC, **A**) Columbia Business School Ph.D. 2025
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MARKET DESIGN & POLICY IMPACT

Details and documentation: sites.bc.edu/utku-unver/policy-impact.

- Co-founded and co-implemented the Banu Bedestenci Sönmez Liver-Paired Exchange System at İnönü University (Malatya, Türkiye) and co-designed its matching algorithm (2022–present); more than 450 liver-exchange transplants to date, including the first 4-, 5-, 6-, 7-, and 8-way liver exchanges reported worldwide (as of October 2026).
- Contributed, with Axel Ockenfels and Tayfun Sönmez, a formal statement to the German Federal Ministry of Health's consultation on the living-donor reform of the Transplantation Act (2024); the reform permitting kidney-paired donation took effect in June 2026.
- Co-designed or helped implement several reserve systems for allocating scarce COVID-19 therapeutics and vaccines (2020–2022).
- Advised the Turkish Ministry of Education on high school admissions mechanisms, leading to an adopted design (2018–2019).
- Co-designed a recommendation system for finding adoptive families for children in Pennsylvania's Statewide Adoption and Permanency Network (SWAN) (2015).
- Co-designed and co-implemented the Alliance for Paired Kidney Donation exchange system and algorithm (2005–2016).
- At-Large Representative, United Network for Organ Sharing, for the establishment of the U.S. national kidney-paired exchange program (2009–2010).
- Co-founded and co-implemented the New England Program for Kidney Exchange (NEPKE), the first optimized kidney-paired exchange program, and co-designed its algorithm (2004–2010).

MEDIA COVERAGE OF RESEARCH & IMPACT

Coverage includes *The New York Times*, *The Wall Street Journal*, *Financial Times*, *The Economist*, BBC, Bloomberg, Associated Press, *Scientific American*, and Freakonomics Radio; full list at sites.bc.edu/utku-unver/in-media.