

**Contact Information**

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**Employment:**

2016-            Pennsylvania State University, assistant professor  
2015-2016      Harvard University (visiting)

**Education:**

Ph.D., Business Economics, Harvard University, 2015  
MA, Economics specializing in Rationality, The Hebrew University, summa cum laude, 2010  
B.Sc., Mathematics and Economics, The Hebrew University, Magna cum laude, 2008

**Published and Accepted Papers:**

*Behavioral Economics in Education Market Design: A Forward-Looking Review* (with Alex Rees-Jones, accepted, Journal of Political Economy: Microeconomics).

*Dominated Choices in a Strategically Simple College Admissions Environment* (with Sandor Sovago, accepted, Journal of Political Economy: Microeconomics).

*Correlation Neglect in Student-to-School Matching* (with Alex Rees-Jones and Chloe Tergiman, conditionally accepted, American Economic Journal: Microeconomics). Extended abstract in EC'20.

*The Limits of Incentives in Economic Matching Procedures*. Management Science. (with Avinatan Hassidim and Assaf Romm, 2021) Extended abstract titled '*Strategic*' behavior in a Strategy-Proof Environment appeared in EC'16.

*Making it Safe to Use Centralized Markets: Epsilon Dominant Individual Rationality and Applications to Market Design*. Management Science (with Ben Roth, 2021). Extended abstract in EC'17.

*Contracts are not Salaries in the Hidden-Substitutes Domain*. Economics Letters, (with Avinatan Hassidim and Assaf Romm, 2019).

*Entropy and the Value of Information for Investors: The Prior-Free Implications*. Economics Letters, (2018).

*The Mechanism is Truthful, Why aren't You?* American Economic Review: Papers and Proceedings, 107(5) (with Avinatan Hassidim, Deborah Marciano, and Assaf Romm, 2017).

*Redesigning the Israeli Psychology Master's Match*. American Economic Review: Papers and Proceedings, 107(5), (with Avinatan Hassidim and Assaf Romm, 2017). Extended abstract in EC'17.

*The redesign of the medical intern assignment mechanism in Israel*. Israel journal of health policy research 4.1 (2015): 11. (with Alvin Roth, 2015).

*Optimal Truncation in Matching Markets*. Games and Economic Behavior (with Peter Coles, 2014).

*Correlation in the Multiplayer Electronic Mail Game*. B.E. Journal of Theoretical Economics (with Peter Coles, 2012).

*Solution to Exchanges 10.2 Puzzle: Borrowing in the Limit as our Nerdiness Goes to Infinity*, ACM SIGecom Exchanges 11(1), (2012).

*Old Paradigms and New Realities: Remnants of Past Regulatory Policy and the Present Crisis in Israel's Financial Markets*, "Mishpatim" Hebrew University Law Review Volume 40, Issue 2 601-642 (with Eshchar Ben-Shitrit, 2011) [in Hebrew].

### **Completed Papers:**

*The College Portfolio Problem* (with S. Nageeb Ali, revision submitted, American Economic Review). Replaces "Simultaneous Search: Beyond Independent Successes," Extended abstract in EC'19.

*The Large Core of College Admission Markets: Theory and Evidence* (with P. Biro, A. Hassidim, S. Sovago, and A. Romm). Extended abstract in EC'22.

*Consistent Indices*.

*To Infinity and Beyond: Scaling Economic Theories via Logical Compactness* (with Scott Kominers and Yannai Gonczarowski). Extended abstract in EC'20.

*Justified-Envy-Minimal Efficient Mechanisms for Priority-Based Matching* (with Hyukjun Kwon, revision submitted, Games and Economic Behavior)

*Stability vs. No Justified Envy* (with Assaf Romm and Al Roth, revision requested, Journal of Economic Theory)

*Dominated Choices under Deferred Acceptance Mechanism: The Effect of Admission Selectivity* (with Hyukjun Kwon, revision submitted, Games and Economic Behavior)

### **Teaching Experience:**

2016	Advanced Microeconomic Analysis II (Master's, Harvard Kennedy School)
2016-19, 2021	Decision Making and Strategy in Economics (Undergraduate, Penn State)
2017,2021	Market Design (Graduate, Penn State)
2017, 2022	Mathematics for Economics (Graduate, Penn State)
2019-2021	The Economics of Matching (Undergraduate, Penn State)

### **Advising:**

Served as principal adviser / committee member / letter writer for (\* indicates Principal Adviser):

Masters: Natalia Kosilova\* (2018; PSU smeal), Qian Zhang\* (2018; Tokyo University), Hyukjun Kwon\* (2018; Rutgers), Nikita Lipskiy (2018), Hokyung Song (2018)

PhD: Roman Istomin (Afiniti), Feng Zhu (Nankai University), Robizon Khubulashvili\* (Pitt, post-doc → Assistant Professor at the University of San Francisco), Natalia Kosilova (2022; Sun Microsystems), Berk Idem (2021, NYU Abu-Dhabi, post-doc), Konstantin Guryev (2023, Penn State, post-doc).

Ongoing: Salvador Candelas, Aghaheybat Mammadov.

### **Professional Activities:**

Member of the editorial board of the *International Journal of Game Theory*.

Referee for *American Economic Journal: Microeconomics*, *American Economic Review*, *American Economic Review: insights*, *Artificial Intelligence*, *B.E Journal of Economic Analysis and Policy*, *Econometrica*, *Economic Inquiry*, *Economics Letters*, *Economic Theory*, *Experimental Economics*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Israel National Institute for Health Policy Research*, *Israel Science Foundation*, *Journal of Behavioral and Experimental Economics*, *Journal of Economic Theory*, *Journal of Political Economy*, *Management Science*, *Mathematical Social Sciences*, *National Science Foundation*, *Operations Research*, *Proceedings of the National Academy of Sciences of the United States of America*, *Quantitative Economics*, *Quarterly Journal of Economics*, *Quantitative Economics*, *Research Grants Council (RGC) of Hong Kong*, *Review of Economic Studies*, *Theoretical Economics*, *The Economic Journal*, *WINE '18*.

Program committee member for MATCH-UP (2017,2019), EC'18, EC'19, EC'20, EC'21, EC'22 EC'23 (ACM Conference on Economics and Computation), NetEcon 2019 (the 14th Workshop on the Economics of Networks, Systems and Computation), Workshop on Behavioral Economics and Computation (2019), WINE'21.

Poster chair for EC'23 (ACM Conference on Economics and Computation)

Co-organizer of the game theory and computation seminar at Microsoft Research New-England (2014)

### **Honors, Scholarships, and Fellowships:**

2023	American Psychological Foundation Esther Katz Rosen Fund Grant (\$50,000)
2020	Best Advanced Undergraduate Course (The Economics of Matching)
2017-2020	U.S. – Israel Binational Science Foundation (\$132,000) <b>“Putting Matching Theory to Work”</b> (with A. Hassidim and A. Romm)
2016	The Spencer Foundation research grant (\$50,000) <b>“The Long-Term Implications of Programs for Gifted Students”</b>
2014	Roger Martin Doctoral Research Award, Harvard Business School
2013	Israel Securities Authority research grant
2013, 2014	Facebook Fellowship finalist
2013	The Geneva Association research grant
2012	International economics research grant"
2010	Israel National Institute for Health Policy scholarship
2009	Hebrew University Rector Prize (for MA students)
2008	The Don Patinkin Prize for exceptional student
2008	The “Clal Insurance” prize
2007, 2008	The Center for the Study of Rationality Prize
2007-2008	Dean’s list, Faculty of Science and Mathematics, the Hebrew University
2006-2008	Department of Economics award for excellent students, The Hebrew University

### **Conference and Seminar Presentations:**

2023	University of Montreal. Matching in Practice, HEC Lausanne. <b>Scheduled:</b> Matching Market Design: Strategy-Proofness and Beyond, WZB Berlin Social Science Center. International Conference on Game Theory, Stony Brook University (semi-plenary).
2022	Decentralization, Columbia Business School. Midwest Economic Theory Meeting, Notre Dame. Iowa State Market Design Workshop. ACM SIGecom seminar series. EC' 22, Boulder, Colorado.

- 2021 AEA annual meeting. Royal Holloway University of London. Informs annual meeting 2021, Anaheim. University of Virginia, Virginia Commonwealth University.
- 2020 AEA annual meeting, San Diego. Texas A&M. Microsoft research, NYC. Stanford (economics). Stanford (MS&E). NBER SI Education meeting. EC20' (21st ACM Conference on Economics and Computation). Stony Brook University, University of Maryland. Econometric Society World Congress. Caltech.
- 2019 AEA annual meeting, Atlanta. NSF/CEME Decentralization Conference, University of Michigan. University of Chicago. Pennsylvania Economics Theory Conferences (PETCO). Match-up 2019, Monte Verita. Designing and Evaluating Matching Markets, WZB. Hitotsubashi University. EC19' (20th ACM Conference on Economics and Computation). International Conference on Game Theory, Stony Brook University (semi-plenary). University of Pennsylvania. Penn State department of mathematics. Ohio State University. University of Zurich.
- 2018 Econometric Society winter meeting, Philadelphia. Columbia Market Design Conference. Microsoft Research New York. International Conference on Game Theory, Stony Brook University. Econometric Society summer meeting, UC Davis. Harvard/MIT. Boston College. Boston University, Brandeis, Brown.
- 2017 AEA annual meeting, Chicago. Pennsylvania Economic Theory Conference, PSU. MATCH-UP 2017, Microsoft Research New-England. 3rd Workshop on Algorithmic Game Theory and Data Science, MIT. UPenn.
- 2016 Harvard Kennedy School. Boston College. Hebrew University. Market/Mechanism design in Israel day, Bar-Ilan University. North American Summer Meeting of the Econometric Society, University of Pennsylvania. NYU. Stanford GSB.
- 2015 Penn State, 26<sup>th</sup> International Conference on Game Theory, Stony Brook University.
- 2014 Microsoft Research New-England Game Theory and Computation Seminar. CIREQ Montreal Matching Conference. HBS student research day. RUD 2014 Warwick Business School. 12<sup>th</sup> meeting of the Society of Social Choice and Welfare, Boston College. 25<sup>th</sup> International Conference on Game Theory, Stony Brook University. IWGTS 2014, University of Sao Paulo. Brown University theory lunch. Time, Uncertainties and Strategies, Paris School of Economics. Tel-Aviv University departmental seminar. Hebrew University departmental seminar.
- 2013 18th Coalition Theory Network Workshop, University of Warwick. Hebrew University Theory Seminar. EconCon 2013, Columbia University. Informs Annual Meeting 2013, Minneapolis.