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Education

Harvard University

Ph.D. Economics, 2018 to 2024 (expected)

M.A. Economics, 2021

Tel-Aviv University, Israel

M.A., Economics, *summa cum laude*, 2018

B.Sc., Mathematics, 2017

Fields

Labor Economics
Organizational Economics
Economics of Innovation

References

Zoë Cullen
Entrepreneurial Management, HBS
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Claudia Goldin
Department of Economics, Harvard University
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Oliver Hart
Department of Economics, Harvard University
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Josh Lerner
Entrepreneurial Management, HBS
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Fellowships & Awards

Harvard University, Doctoral Fellowship, 2018-2024
Best Master's Thesis Award, Tel-Aviv University, 2018
Merit Scholarship for Exceptional Academic Achievements, Tel-Aviv University (Israel), 2018
Certificate of Distinction in Teaching, The School of Mathematical Sciences, Tel-Aviv University, 2017

Teaching

Harvard University
Graduate Contract Theory, teaching fellow for Oliver Hart, 2023
Graduate Game Theory, teaching fellow for Eric Maskin, 2022
Graduate Econometrics, teaching fellow for Isaiah Andrews 2021,2023
Undergraduate Econometrics, teaching fellow for Davide Pettenuzzo, 2022
Graduate Stochastic Choice, teaching fellow for Tomasz Strzalecki, 2020-2021

Tel-Aviv University
Graduate Microeconomic Theory, teaching assistant for Zvika Neeman, 2018
Graduate Game Theory, teaching assistant for Kfir Eliaz, 2018
Undergraduate Introduction to Probability, teaching assistant for Ron Peled, 2016-2017

Research

Research Assistant for Zoë Cullen, Harvard Business School, 2021-2023
Research Assistant for Ben Golub, Harvard University, 2020-2021
Research Assistant for Isaiah Andrews, Harvard University and NBER, 2019-2020
Research Assistant for Itzhak Gilboa, Tel-Aviv University, 2017-2018

Job Market Paper	<p>“The Effect of Inventor Mobility on Network Productivity”</p> <p>When inventors move to new locations, they carry knowledge and expertise, which may be a loss to their previous collaborators. But they might also become a bridge between otherwise disconnected innovation hubs, facilitating information flows and idea diffusion. I study the effect of an inventor's relocation on their previous collaborators' productivity. A simple patent production model addresses the dual role of relocators as former collaborators and as intermediaries providing access to information. The model helps to guide the empirical analysis and to interpret the results. Empirically, I build a unique dataset combining information about inventors from the USPTO patent data with online professional profiles. Using a matching design, I find sizeable positive effects on the productivity of inventors whose collaborators have relocated. These effects pertain not only to quantity, as gauged by the number of patents, but also to quality, as measured by the number of citations. I show that the core mechanism driving both effects is greater access to novel information networks and information.</p>
Working Papers	<p>“With a Little Help from My Friends: Productivity and Socialization in the Workplace”</p> <p>Workers have strengths and weaknesses and seek assistance from colleagues when facing challenges in their tasks. To understand how they optimize socialization in their workplace, I develop a tractable model of endogenous network formation among co-workers. Workers aim to complete their tasks but may encounter barriers, and when they do, they may reach out to one of their friends for help. Therefore, workers face the tradeoff between the potential rewards of task completion, the costs of forming links, and the stigma associated with seeking help. I show that the extent to which workers invest in social networks is sensitive to the probability of facing struggles to perform a task alone. When the rate at which they face challenges are very low or very high, social networks offer limited value to workers, and therefore investment in connections is low. Intermediate rates, on the other hand, promote collaboration and, therefore, link formation. Furthermore, I show that excessive investment in social networks may occur because workers fail to recognize that their actions can impede other workers' access to assistance. They only see their own benefits, which they associate with having many links. I also explore approaches that can mitigate the over- or under-investment when it emerges, for example, whether remote work mitigates the inefficiency.</p>
Papers in Progress	<p>“Do M&A's Affect Innovation?”</p> <p>I explore the extent to which mergers and acquisitions (M&A's) facilitate knowledge spillovers across previously disconnected inventors. To address the issue, I construct a novel dataset that combines information about inventors, their patenting activities, online professional profiles, and details about M&A's. Using a matching design, I study inventors' productivity in both the acquiring and acquired firms following an acquisition. Additionally, I conduct a heterogeneity analysis to pinpoint the underlying mechanisms driving these effects. I also characterize features of firms that foster collaboration and information exchange among inventors within both the acquiring and acquired companies, relative to less successful mergers with only weak effects on innovation. The results relate to the ongoing discussion concerning “killer acquisitions” and their implications for innovation in acquired firms and highlight the importance of knowledge spillovers across innovators of merging firms.</p>
Seminars & Conferences	<p>NBER Productivity Seminar, 2023 D-TEA (Decision: Theory, Experiments, and Applications), HEC (Paris, France), 2018</p>
Academic Service	<p>Referee for <i>Econometrica</i>, <i>Journal of Economic Theory</i> Organized the contracts and organization graduate workshop, Harvard, 2023</p>
Research Grants	<p>The Lab for Economic Applications and Policy (LEAP), Harvard University, 2022</p>

Languages	Hebrew (native), English (fluent), German (intermediate), French (conversational)
Software skills	STATA, R, Matlab, Python
Clearance	US Census Bureau Special Sworn Status
Personal information	Israeli and Polish citizenships