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Employment

Assistant Professor, Applied Economics, MIT Sloan

Class of 1943 Career Development Assistant Professor, MIT Sloan

Senior Lecturer in Economics Group, MIT Sloan

Postdoctoral Fellow, Stanford Institute for Economic Policy Research

March 2024– present

July 2024 – present

July 2023– March 2024

July 2022– July 2023

Education

Ph.D. in Economics, Northwestern University

Advisors: David Dranove, Igal Hendel, Gaston Illanes, Amanda Starc

M.A., Economics, Northwestern University

2016–2020

M.A., Economics, University of Chile

2014–2016

B.Sc.Eng. Industrial Engineering, University of Chile

2009–2015

Research Areas

Industrial Organization, Health Economics, Econometrics

Working papers

"Quality Disclosure and Regulation: Scoring Design in Medicare Advantage" (Revision requested at Econometrica)

Abstract: Policymakers and market intermediaries often use quality scores to alleviate asymmetric information about product quality. Scores affect the demand for quality and, in equilibrium, its supply. Equilibrium effects break the rule whereby more information is always better, and the optimal design of scores must account for them. In the context of Medicare Advantage, I find that consumers information is limited, and quality is inefficiently low. A simple design alleviates these issues and increases total welfare by 3.7 monthly premiums. More than half of the gains stem from scores if effect on quality rather than information. Scores can outperform full-information outcomes by regulating inefficient oligopolistic quality provision, and a binary certification of quality attains 98% of this welfare. Scores are informative even when coarse; firms fi incentives are to produce quality at the scoring threshold, which consumers know. The primary design challenge of scores is to dictate thresholds and thus regulate quality.

"Vertical Integration and Plan Design in Healthcare Markets"

with Jose Ignacio Cuesta and Carlos Noton

Abstract: We measure the impacts of vertical integration between insurers and hospitals. In the Chilean market, where half of private hospital capacity is vertically integrated, integration increases inpatient care spending by 6 percent and decreases consumer surplus and total welfare. Integrated insurers offer generous coverage at integrated hospitals, limited access to rival hospitals, and lower premiums. Competition for enrollees forces non-integrated insurers to provide additional coverage to high-quality non-integrated hospitals, resulting in plan networks that limit hospital competition. Whereas vertical integration reduces double marginalization, skewed cost-sharing structures—and their effect on hospital competition—more than compensate, leading to an overall negative welfare impact.

Other ongoing work

"Mergers With Intermediation: The Price Effect of Distant Hospital Mergers" with David Dranove

Benjamin Vatter, 2 "Who takes up incentives to delay retirement? Evidence from Chile" with Gaston Illanes and Manisha Padi "Competition and regulation in the non-profit sector" with Samuel Goldberg HSI grant, MIT Sloan School of Management 2024 Dissertation University Fellowship, Northwestern University 2021-2022 Robert Eisner Graduate Fellowship, Northwestern University 2019 Short research internships grant, University of Chile 2015 Research internships grant, Millennium Center for the study of market imperfections 2015 Masters students thesis grant, Millennium Center for the study of market imperfections 2015 Rice University 2024 University of Chicago, Harris School of Public Policy **UBC Sauder School of Business** Washington University in St. Louis, Olin Business School Pennsylvania State University 2023 **Econometric Society Winter Meetings** Carnegie Mellon University Tepper School of Business NBER Health care winter meetings University of Wisconsin Madison **ASHEcon** New York University Stern School of Business, 2022 University of Navarra IESE Business School MIT Sloan School of Management New York University **Duke University** University of Pennsylvania, Washington University in St. Louis Olin Business School, Stanford University Graduate School of Business, University of Chicago Booth School of Business, University of Minnesota Harvard Kennedy School, University of Chile Centro de Economia Aplicada, Universidad Catolica 20th Annual International Industrial Organization Conference (IIOC) Health Economics Initiative Annual Conference at BFI University of Chicago 5th Rome Junior Conference of Applied Microeconomics Barcelona School of Economics Summer Forum University of California Berkeley Yale University Annual Health Econometrics Workshop University of California Los Angeles Columbia University University of Leuven Tilburg University Federal Trade Commission Israeli IO conference European Economic Association-ESEM conference 2021

Fellowships &

Presentations

Bar-Ilan University

Tel-Aviv University

Hebrew University of Jerusalem, Reichman University,

46th Conference of the European Association for Research in Industrial Economics

16th Annual International Industrial Organization Conference (IIOC)

4th Empirics and Methods in Economics Conference (EMCON)

2019

2018

Awards

Teaching Experience

Lecturer - 15.010 Economic Analysis For Business Decisions

Microeconomics for MBAs at MIT Sloan

Lecturer - 15.S06 IO of Health and Energy Markets

Ph.D.-Level topics course in industrial Organization at MIT Sloan

Guest Lecturer - CEA Summer School

2022

2023

2024

Master's level two-part course on health economics and market design at the University of Chile

Guest Lecturer - Health Economics

2022, 2023

Guest lecture in Ph.D. class at Northwestern University

Refereeing

The American Economic Review, Econometrica, The Review of Economic Studies, American Economic Journal – Microeconomics, American Economics Journal – Applied, American Economics Journal – Public Policy, RAND Journal of Economics, Review of Economics and Statistics, The Economic Jornal, Economic Inquiry, International Journal of Health Economics and Management

Other Scholarly Activities

Co-organizer of the BU-Harvard-MIT Health Economics Seminar

2023-2024

* - Forthcoming activities