

Mohit Karnani

Curriculum Vitæ

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Academic Appointment

2024 – **Postdoctoral Researcher**, *Harvard University*, (HKS Taubman Center).

Education

2018 – 2023 **PhD in Economics & Statistics**, *Massachusetts Institute of Technology*, (MIT Economics and IDSS), Advisors: Esther Duflo and Parag Pathak.

Certificates: Kaufman Teaching Certificate Program (KTCP) and Sloan Analytics Certificate

2015 – 2017 **MSc. in Economics**, *Ranked 1st/7*, University of Chile, Advisor: Eduardo Engel.

2012 – 2015 **Business Engineering, BSc. in Economics**, *Ranked 1st/52*, University of Chile.

Publications

2024 **Aftermarket Frictions and the Cost of Off-Platform Options in Centralized Assignment Mechanisms**, (with A. Kapor and C. Neilson), *Journal of Political Economy*.

2021 **Effects of a Large-Scale Social Media Advertising Campaign on Holiday Travel and COVID-19 Infections: A Cluster Randomized Controlled Trial**, *Nature Medicine* (with E. Breza, F. C. Stanford, M. Alsan, B. Alsan, A. Banerjee, A. G. Chandrasekhar, S. Eichmeyer, T. Glushko, P. Goldsmith-Pinkham, K. Holland, E. Hoppe, S. Liegel, T. Loisel, L. Ogbu-Nwobodo, B. Olken, C. Torres, P. Vautrey, E. Warner, S. Wootton, and E. Duflo).

2021 **Effect of Physician-Delivered COVID-19 Public Health Messages and Messages Acknowledging Racial Inequity on Black and White Adults' Knowledge, Beliefs, and Practices Related to COVID-19: A Randomized Clinical Trial**, *JAMA Network Open* (with C. Torres, L. Ogbu-Nwobodo, M. Alsan, F. C. Stanford, A. Banerjee, E. Breza, A. G. Chandrasekhar, S. Eichmeyer, T. Loisel, P. Goldsmith-Pinkham, B. Olken, P. Vautrey, E. Warner and E. Duflo).

2019 **Sudden Stops of Capital Flows: Do Foreign Assets Behave Differently from Foreign Liabilities?**, *Journal of International Money and Finance* (with M. Agosin and J. Díaz).

2017 **Impact Evaluation of a Freshmen Remedial Math Program: A Regression Discontinuity Approach**, *Experiencias de Innovación Docente* (In Spanish).

Working Papers

RCTs with Interference in Matching Systems.

Screening and Recruiting Talent At Teacher Colleges Using Pre-College Academic Achievement, (with F. Calle, S. Gallegos and C. Neilson), Submitted.

Expiring Budgets and Dynamic Competition in Year-End Public Auctions: Theory and Evidence from Chile.

Freshmen Teachers and College Major Choice: Evidence from a Decade of Random Assignments.

Labor Shakes: Mid Run Effects of a Large Earthquake on Unemployment.

Work in Progress

Elite Colleges and Long Run Residential Sorting: Evidence from Centralized College Choice.

Foreign Classmates and Student Outcomes: Evidence from Venezuelan Refugee Migration Waves, (with D. Paz).

Noise-Robust Change-in-Changes Estimation.

Rational and Adaptive Expectations in School Choice: Evidence from Intertemporal College Admission Cutoffs.

Local Cash Transfers, Price Adjustments and Competition: Evidence from a Market-Level Randomized Controlled Trial, (with C. Martínez and J. Tessada).

Conferences (*Denotes coauthor presenting)

Talks, APSA (Los Angeles, CA, 2023), IHS $\times 2$ (Raleigh, NC, 2023), EAGxLatAm $\times 2$ (Mexico City, 2023 & 2024), ChileConf (PUC-Santiago and UDEC-Concepción, 2023), GPI $\times 2$ (Oxford, 2022 & 2023), SDSCon (Cambridge, MA, 2022), Jane Street (virtual-NYC, 2022), WEAI $\times 3$ (virtual-Hawaii, 2021), ConsiliumBots (virtual, 2021), NBER Market Design* (virtual-Cambridge, 2020), Econometric Society* (virtual-Milan, 2020), SITE* (virtual-Stanford, 2020), ASSA (San Diego, CA, 2020), U. Chile (Santiago, 2018), LACEA & LAMES $\times 2$ (Puebla, 2019 & Buenos Aires, 2017), FLAUC (Bogotá, 2017), CLADEA (Riverside, CA, 2017), LAWEBESS (Cali, 2017), SECHI $\times 2$ (Santa Cruz, 2017), SINERGIA & 3ie (Bogotá, 2016) and RIDGE (Buenos Aires, 2016).

Posters, APPAM (Austin, TX, 2022), MIT.nano (Cambridge, MA, 2018), SECHI $\times 2$ (Viña del Mar, 2016 & Talca, 2015), ENIN (Valparaíso, 2016) and COES & LSE (Santiago, 2016).

Research Experience

- 2020 **Research Assistant**, Professor Esther Dufo - Virtual.
- 2019 **Research Intern**, Facebook Research - Menlo Park, CA.
- 2018 **Research Associate**, Professor Christopher Neilson at National Bureau of Economic Research (NBER) and Microsoft Research - Cambridge, MA.
- 2016 – 2018 **Instructor**, Department of Economics, University of Chile, (Teaching and Research, Full Time Academic Appointment).
- 2015 **Research Intern**, Anti-Cartels Unit at the National Economic Prosecutor's Office.
- 2014 – 2018 **Research Assistant**, Assisted Professors Eduardo Engel, Manuel Agosin and José De Gregorio at University of Chile; Andrea Repetto at Adolfo Ibáñez University (UAI); and Christian Belmar at the Inter-American Development Bank (IDB).

Teaching Experience

- 3/2016 – **Undergraduate Lecturer**, Taught 10 courses as sole lecturer: Introductory Economics (2), 11/2017 Macroeconomics (3) and Mathematics (5) as an Instructor at University of Chile.
- 7/2016 – **Graduate Lecturer**, Co-Taught 2 courses on Economic Development for the MA in Economic 11/2017 Analysis program as an Instructor at University of Chile.

Teaching Assistant Experience

- 1/2021 – **Undergraduate Teaching Assistant**, Professor Sara Fisher Ellison in Principles of Microeconomics (Head TA $\times 2$) and Professor Parag Pathak in Market Design at MIT.
- 3/2016 – **Graduate Teaching Assistant**, Professors Eduardo Engel, Juan Pablo Torres-Martínez and 7/2017 Fabián Duarte in different courses of Public Private Partnerships and Advanced Microeconomics in the MSc. and PhD. in Economics programs at UChile.
- 3/2013 – **Undergraduate Teaching Assistant**, Professors Dante Contreras, Pablo Tapia, Christian 7/2016 Belmar and Carlos Cáceres in different courses of Mathematics (TA Coordinator), Statistics, Econometrics (TA Coordinator), General Economics, Microeconomics and Labor Economics in the BSc. in Economics program at UChile.

Awards

Fellowships and Grants

- 2023 **MIT-Pillar AI Collective**, *SCHOOL OF ENGINEERING*, MIT.
- 2023 **IHS Junior Fellow**, *INSTITUTE FOR HUMANE STUDIES*, GMU.
- 2022 – 2023 **Jerry Hausman Fellowship**, *DEPARTMENT OF ECONOMICS*, MIT.
- 2022 – 2023 **Global Priorities Fellowship**, *FORETHOUGHT FOUNDATION*, Oxford University.
- 2019 – 2022 **George and Obie Shultz Fund**, *DATA COLLECTION GRANT*, MIT.
- 2018 – 2020 **Castle Krob International Fellowship**, *DEPARTMENT OF ECONOMICS*, MIT.
- 2016 **National Master's Scholarship**, *ADVANCED HUMAN CAPITAL FORMATION PROGRAM*, National Commission of Research in Science and Technology (CONICYT).
- 2016 **Academic Excellence Scholarship**, *MSC. IN ECONOMICS*, University of Chile.
- 2012 – 2015 **Merit Scholarship**, *BUSINESS ENGINEERING*, University of Chile.
- 2012 – 2015 **National Score Scholarship**, *MINISTRY OF EDUCATION*, Government of Chile.

Other Academic Awards

- 2017 **Best Macroeconomics & Math Instructor**, *BUSINESS ENGINEERING*, University of Chile.
- 2017 **Best Graduated Engineer**, *BUSINESS ENGINEERING*, Chilean Engineers Association.
- 2016 **Best First and Second Year Instructor**, *BUSINESS ENGINEERING*, University of Chile.
- 2016 **Highest GPA of Cohort**, *BSC. IN ECONOMICS*, University of Chile.
- 2016 **School Spirit Award**, *BSC. IN ECONOMICS*, Alumni Network, University of Chile.
- 2016 **Best in Business Award**, *BETA GAMMA SIGMA HONOR SOCIETY*, The Association to Advance Collegiate Schools of Business (AACSB).
- 2014 **Best Teacher Assistant**, *BUSINESS ENGINEERING*, University of Chile.
- 2013–2015 **Honors Board**, *BUSINESS ENGINEERING*, University of Chile.
- 2012 **First Admission**, *BUSINESS ENGINEERING*, University of Chile.

Other Awards and Fellowships

- 2022-2023 IHS Fund for Scholars
- 2020 Santander Data Science Fellowship
- 2018 Graduate Students Leadership Institute (GSLI) Fellowship / Cambridge Fellows
- 2017 Winner of the International Initiative for Impact Evaluation (3ie) Open Data Challenge.
- 2016 Winner of the Chilean Economics Society (SECHI) Academic Poster Contest.
- 2015 Member of the Winning Team of Bank of Chile's Bourse Game.
- 2011 National Champion of the National Mathematics Championship.

Service

Referee, *American Economic Review*, *CLADEA*, *Estudios Nueva Economía*, *Journal of Applied Econometrics*, *Journal of Behavioral and Experimental Finance*, *Journal of Econometric Methods*, *Review of Economics and Statistics*, *YES*.

- 2018 – 2024 **At MIT**, Treasurer for: (i) Institute for Data Systems and Society $\times 1.5$ (2022-2024), (ii) LatinX Graduate Students Association (2021-2022), (iii) Graduate Economic Association $\times 2$ (2019-2021), (iv) Ashdown House (2019-2020); Development Lunch Co-Organizer (2020-2021); Presidential Task-force: Beyond MIT (2020); Residential Scholar Coordinator (2019-2022); Graduate Resident Advisor (2020-2024), and several Graduate Student Council's committees.
- 2012 – 2017 **At UChile**, High School Math Teacher in different institutions for underserved students (2012-2017), Volunteer at social entrepreneurship program (2012-2013).

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