

# 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), Committee: Esther Duflo, Parag Pathak and Isaiah Andrews.

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

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

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

### 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).

## Presentations (\*Denotes coauthor presenting)

**Talks**, Baker Institute at Rice University (Houston, TX, 2024), APSA (Los Angeles, CA, 2023), IHS ×2 (Raleigh, NC, 2023), EAGxLatAm ×2 (Mexico City, 2023 & 2024), ChileConf (PUC-Santiago and UDEC-Concepción, 2023), GPI ×2 (Oxford, 2022 & 2023), SDSCon (Cambridge, MA, 2022), Jane Street (virtual-NYC, 2022), WEAI ×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 ×2 (Puebla, 2019 & Buenos Aires, 2017), FLAUC (Bogotá, 2017), CLADEA (Riverside, CA, 2017), LAWEBESS (Cali, 2017), SECHI ×2 (Santa Cruz, 2017), SINERGIA & 3ie (Bogotá, 2016) and RIDGE (Buenos Aires, 2016).

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

## Research Experience

2020 **Research Assistant**, Professor Esther Duflo - 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 × 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 – 2023 **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

- 2022-2024 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.
- 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*.

- 2024 – **At Harvard**, *Postdoctoral Association Board (2024-)*; *Founder of the Empirical Methods in Education Reading Group (2024-)*.
- 2018 – 2024 **At MIT**, *Treasurer for: (i) Institute for Data Systems and Society ×1.5 (2022-2024)*, *(ii) LatinX Graduate Students Association (2021-2022)*, *(iii) Graduate Economic Association ×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)*.

*Last Update: June 2024*