

Mohit Karnani

Curriculum Vitæ

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Academic Appointments

2018 – **PhD Candidate in Economics & Statistics**, *Massachusetts Institute of Technology (MIT)*, Cambridge (MA), United States, Main Advisor: Esther Duflo.

2016–2018 **Instructor**, *Department of Economics, University of Chile*, Santiago, Chile.

Education

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

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

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

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

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

Freshmen Teachers and College Major Choice: Evidence from a Random Assignment in Chile.

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

Work in Progress

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

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

Noise-Robust Change-in-Changes Estimation.

Presentations (*Denotes coauthor presenting)

2016 – 2021 **Talks**, 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, 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 (*Santa Cruz, 2017*), SINERGIA & 3ie (*Bogotá, 2016*) and RIDGE (*Buenos Aires, 2016*).

2015 – 2016 **Posters**, SECHI $\times 2$ (*Viña del Mar, 2016 & Talca, 2015*), ENIN (*Valparaíso, 2016*) and COES & LSE (*Santiago, 2016*).

Research Experience

5/2020 – **Research Assistant**, Professor Esther Dufo.
8/2020

6/2019 – **Research Intern**, Facebook Research - Menlo Park, CA.
8/2019

2/2018 – **Research Associate**, National Bureau of Economic Research (NBER) and Microsoft
7/2018 Research - Cambridge, MA.

6/2014 – **Research Assistant**, Assisted Professors Eduardo Engel, Manuel Agosin and José De
1/2018 Gregorio at University of Chile; Andrea Repetto at Adolfo Ibáñez University (UAI); and Christian Belmar at the Inter-American Development Bank (IDB).

12/2014 – **Research Intern**, Assisted the Anti-Cartels Unit (UAC) at the National Economic
1/2015 Prosecutor's Office (FNE).

Teaching Experience

3/2016 – **Undergraduate Lecturer**, Taught various courses (10) on General Economics (2),
11/2017 Macroeconomics (3) and Mathematics (5) as an Instructor at University of Chile.

Teaching Assistant Experience

At MIT

1/2021 – **Undergraduate Teaching Assistant**, Professor Sara Fisher Ellison in Principles of Microeconomics (Head TA) and Professor Parag Pathak in Market Design.

At UChile

3/2016 – **Graduate Teaching Assistant**, Professors Eduardo Engel, Juan Pablo Torres-
7/2017 Martínez and Fabián Duarte in different courses of Public Private Partnerships and Advanced Microeconomics in the MSc. and PhD. in Economics programs.

3/2013 – **Undergraduate Teaching Assistant**, Professors Dante Contreras, Pablo Tapia, Chris-
7/2016 tian 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.

Awards

Scholarships and Grants

- 2019 – 2021 **George and Obie Shultz Fund**, *Data Collection Grant*, MIT.
- 2018 – 2020 **Castle Krob International Fellowship**, *PhD. IN 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.

Academic Awards

- 2017 **Best Macroeconomics and Mathematics 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

- 2020 Santander Data Science Fellowship
- 2018 MIT 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*, *MSRP*, *Review of Economics and Statistics*.

- 2018 – **At MIT**, Treasurer for: (i) Latinx Graduate Students Association (2021-), (ii) Graduate Economic Association ×2 (2019-2021), (iii) Ashdown House (2019-2020); Development Lunch Co-Organizer (2020-2021); Presidential Task-force: Beyond MIT (2020); Residential Scholar Coordinator (2019-), and several Graduate Student Council's committees.
- 2012 – 2017 **At UChile**, High School Math Teacher in different social programs (2012-2017), Volunteer at social entrepreneurship program (2012-2013).

Other

- Tech. Skills PYTHON, JULIA, R, SQL, MATLAB, STATA, JAVA, L^AT_EX.
- Languages Spanish (Native), English (Fluent), Hindi (Basic).
- Citizenship Chile, (Overseas Citizen of) India.

Last Update: August 2021