

# 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**, *Journal of the American Medical Association* (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.

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## 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.

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## 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).

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## Other

- Tech. Skills PYTHON, JULIA, R, SQL, MATLAB, STATA, JAVA, L<sup>A</sup>T<sub>E</sub>X.
- Languages Spanish (Native), English (Fluent), Hindi (Basic).
- Citizenship Chile, (Overseas Citizen of) India.

*Last Update: August 2021*