

# Mohit Karnani

## Curriculum Vitæ

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## Education

- 2018 – **PhD Candidate in Economics & Statistics**, *Massachusetts Institute of Technology (MIT)*, Cambridge (MA), United States, Advisors: Esther Duflo and Parag Pathak.
- 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.

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## 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).

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## 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), 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.**

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## 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.

RCTs meet Market Design: Treatment Effects and Spillovers under Interference in Matching Markets.

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).

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## Conferences (\*Denotes coauthor presenting)

**Talks**, 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).

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## Research Experience

Summer 2020 **Research Assistant**, Professor Esther Duflo - Virtual.

Summer 2019 **Research Intern**, Facebook Research - Menlo Park, CA.

Spring 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).

Summer 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).

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## Teaching Experience

3/2016 – **Undergraduate Lecturer**, Taught 10 courses as sole lecturer: Introductory Economics  
11/2017 (2), 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  
11/2017 Economic Analysis program as an Instructor at University of Chile.

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## 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  
7/2017 and 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.

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## Awards

### Fellowships and Grants

- 2022 **Global Priorities Fellowship**, *Forethought Foundation*, Oxford University.
- 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

- 2022 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.

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## Service

**Referee**, *American Economic Review*, *CLADEA*, *Estudios Nueva Economía*, *Journal of Behavioral and Experimental Finance*, *Journal of Econometric Methods*, *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* (2019-2022), 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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