

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 Dufo 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.

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. Dufo).
- 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. Dufo).
- 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 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.

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.

Presentations (*Denotes coauthor presenting)

- 2016 – 2022 **Talks**, *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, 2020), *U. Chile* (Santiago, 2018), *LACEA & LAMES ×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 ×2* (Viña del Mar, 2016 & Talca, 2015), *ENIN* (Valparaíso, 2016) and *COES & LSE* (Santiago, 2016).

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).

Teaching Experience

- 3/2016 – 11/2017 **Undergraduate Lecturer**, Taught 10 courses as sole lecturer: *Introductory Economics* (2), *Macroeconomics* (3) and *Mathematics* (5) as an Instructor at University of Chile.
- 7/2016 – 11/2017 **Graduate Lecturer**, Co-Taught 2 courses on *Economic Development* for the MA in *Economic 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 – 7/2017 **Graduate Teaching Assistant**, Professors Eduardo Engel, Juan Pablo Torres-Martínez 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 – 7/2016 **Undergraduate Teaching Assistant**, Professors Dante Contreras, Pablo Tapia, Christian 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

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*, *Journal of Behavioral and Experimental Finance*, *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: December 2021