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Graduate Administrator: Ian Johnson	ian.johnson@nyu.edu	212-998-8901

Education

PhD in Economics, New York University, 2014-2021 (expected)
Thesis Title: *Essays in Political Activism and Social Interactions*
MA in Economics, University of Chile, 2011-2012
BA in Economics, University of Chile, 2006-2010

References

Professor Debraj Ray 19 West Fourth St., 6 th Floor New York, NY 10012-1119 212-998-0000 (office) debraj.ray@nyu.edu	Professor Ennio Stacchetti 19 West Fourth St., 6 th Floor New York, NY 10012-1119 212-998-0000 (office) ennio.stacchetti@nyu.edu
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Professor Alessandro Lizzeri
Princeton University, Department of
Economics
Julis Romo Rabinowitz Building
Princeton, NJ 08544
lizzeri@princeton.edu

Teaching and Research Fields

Microeconomics, Political Economy and Economic Theory

Teaching Experience

Fall 2020	Microeconomics with Algebra, NYU Stern, TA for Prof. Luis Cabral
Summer 2019	Intermediate Microeconomics, NYU, Lecturer
Fall 2018	Intermediate Microeconomics, NYU, TA for Prof. Ennio Stacchetti
Summer 2018	Intermediate Microeconomics, NYU, Lecturer
Fall 2017	Intermediate Microeconomics, NYU, TA for Prof. Mikhail Panov
Spring 2017	Statistics, NYU, TA for Prof. Anthony Donoghue

Research Experience and Other Employment

2019-2020	Research Assistant for Prof. Debraj Ray
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Honors, Scholarships, and Fellowships

2014-2020	Henry McCracken Fellowship, PhD studies, NYU
2011-2012	National Master's Scholarship, CONICYT, Government of Chile

Professional Activities

Conferences and Seminars

2020	Young Economists' Symposium (U Penn); Theory Reading Group (Boston University); Micro Theory Lunch (NYU) Upcoming: Development Seminar (NYU)
2019	Micro Theory Lunch (NYU)
2017	SAET Conference (Faro, Portugal); Economics Seminar (University of Chile)
2014	Game Theory Society Conference, IWGTS (Sao Paulo, Brasil)
2013	Chilean Economics Society Conference (Santiago, Chile)
2012	Latin American Meeting of the Econometric Society (Lima, Peru), IMCA (Lima, Peru), Chilean Economics Society Conference (Viña del Mar, Chile), Economics Seminar (University of Vigo, Spain)

Coordination Activities

2017-2019	Student Micro Theory Lunch, NYU
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Professional Employment

2012-2014	Economist, Chilean Antitrust Agency
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Publications

Correa, Sofia and Torres-Martínez, Juan Pablo (2014), "Essential Equilibria of Large Generalized Games," *Economic Theory*, 57(3), 479-513.

Research Papers

Persistent Protests (Job Market Paper)

A continuum of citizens with heterogeneous opportunity costs participate in a public protest, with well-defined demands. The government can concede at any time. As long as it does not, it shoulders a cost that is increasing in time and in participation rates. Apart from their collective demands, citizens enjoy a "merit reward" if the government concedes while they are actively participating. A protest equilibrium of the ensuing dynamic game must display: (a) a *build-up stage* during which citizens continuously join the protest, but the government ignores them, followed by (b) a *peak* at which the government concedes with some positive probability, failing which there is (c) a protracted *decay stage*, in which the government concedes with some density, and citizens continuously drop out. Citizens with higher opportunity costs enter later and exit earlier. While there are multiple equilibria, *every* equilibrium with protest has the above properties, and the set of all equilibria is fully described by a single pseudo-parameter, the protest peak time, which can vary within bounds that I characterize. Preliminary evidence from the *Black Lives Matter* movement supports the features that I extract from this model.

An Economic Theory of Segregation (with Daniel Hojman)

Segregation in different domains remains a pervasive social fact in contemporary societies. The lack of socioeconomic and racial diversity of interactions in schools and neighborhoods, and the exposure to like-minded ideological content can hinder a society's ability to embrace the value of diversity. This paper

proposes a theory of segregation measurement based on the intensity and social diversity of pairwise interactions. In our framework societies are described by a space of locations and social groups, and a distribution of agents across locations and groups. Locations can be schools in a district, residences in a city or platforms such media outlets, where individuals interact. Social groups can be defined by race, socioeconomic status, political ideology, or any other social identity. We axiomatize measures that can be expressed as a weighted sum across pairs of an interaction intensity that depends on locations and value of pairwise interactions that depends on social identities. We prove that the index is proportional to a correlation between spatial and social distances. The framework is illustrated with two applications. The first one measures socioeconomic segregation in Chilean schools, showing variation across cities and grades. The second one measures ideological segregation in the consumption of media outlets, for different media platforms -newspapers, radio, TV- for 27 European countries, finding systematic differences in segregation across countries and platforms.