JOÃO M. SOUTO MAIOR

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ACADEMIC APPOINTMENTS

2023 - present Postdoctoral Associate. New York University.
- The Institute of Human Development and Social Change.
- Project coordinators: Rachel Fish and Kenneth Shores.

EDUCATION

2018 - 2023   Ph.D. Sociology of Education. New York University.
- Department of Applied Statistics, Social Science and Humanities at the Steinhardt School of Culture, Education, and Human Development.
- Diss: "Essays on the dynamics of Black-White advanced course-taking inequalities."
- Committee: L'Heureux Lewis-McCoy (chair); Samuel Lucas; Erez Hatna; Ravi Shroff.

2018 - 2021   M.Phil. Sociology of Education. New York University.

2017 - 2018   Ph.D. student, Economics. The Graduate Center, City University of New York.

2014 - 2017   B.A. Economics with Mathematical Emphasis, University of Wisconsin-Madison.

AREAS OF RESEARCH

Topics	Racial inequality; Education policy; Organizations; Social networks.
Approaches	Computational methods; Mathematical sociology.

RESEARCH PAPERS

Peer-reviewed publications

João Souto-Maior & Ravi Shroff. "Differences in academic preparedness do not fully explain Black-White enrollment disparities in advanced high school coursework." *Conditionally accepted at Sociological Science.* [arXiv preprint of prior version] [recent version available upon request]

Under review

João Souto-Maior. "The presence of White students and the emergence of Black-White within-school inequalities: two interaction-based mechanisms." [arXiv preprint]

João Souto-Maior. "Hoarding without hoarders: unpacking the emergence of opportunity hoarding within schools." [arXiv preprint]

Rachel Fish, Kenneth Shores & João Souto-Maior. "Critical appraisal of the evidence on racial disproportionality in special education."

In preparation

João Souto-Maior, Kenneth Shores & Rachel Fish. "The use of unrepresentative national samples and the misestimation of racial disproportionality in special education."

João Souto-Maior. "The usefulness of agent-based modeling approaches to school organization research." [draft available upon request]

João Souto-Maior. "Systems of curricular differentiation and the emergence of Black-White disparities in advanced course-taking."

João Souto-Maior. "School practices, parental networks, and unequal access to school resources between Black and White students."

PRESENTATIONS

Conference presentations

2023	*Annual Conference of the International Network of Analytical Sociologists (Princeton, PA).* "Unpacking the emergence of opportunity hoarding: an agent-based model of Black-White educational disparities within schools."
2023	*Annual Group Processes Conference (Philadelphia, PA).* "From individual- to group-level educational advantages: unpacking the emergence of opportunity hoarding within Schools."
2023	*American Sociological Association: Sociology of Education Roundtables (Philadelphia, PA).* "Hoarding without hoarders: collateral effects of information diffusion on Black-White educational inequalities within schools."
2022	*American Sociological Association: Session on Mathematical and Computational Approaches to Studying Inequality (Los Angeles, CA).* "Black-White advanced enrollment inequalities and the racial composition of schools: an agent-based modeling investigation."
2022	*Joint US-Japan Conference on Mathematical Sociology and Rational Choice (Los Angeles, CA).* "Black-White advanced enrollment inequalities and the racial composition of schools: an agent-based modeling investigation."

Other presentations

2021	*NYU's Race and Ethnicity Workshop (virtual).* "Opportunity hoarding and Black-White inequalities in advanced enrollment: a simulation-based approach."

EXTRACURRICULAR TRAINING

2023	Selected participant. American Mathematical Society's Summer program on Complex Social Systems. [details]
2022	Selected participant. Summer Institute in Computational Social Sciences, Duke University. [details]

TEACHING

Laboratory instructor

2019 - 2021	Undergraduate Basic Statistics. NYU (5 semesters).

Teaching assistant

2022	Political Economy of Education: Why Does College Cost So Much? NYU (Fall).
2022	Intro to US Education: Historical and Contemporary Perspectives. NYU (Fall).
2022	Qualitative Methods in International Education. NYU (Spring).

Seminar leader

2016 - 2017	Research, Creative Work and the Public Good. UW-Madison (Fall and Spring).
2015 - 2016	Research, Creative Work and Society. UW-Madison (Fall and Spring).

SELECTED WORK EXPERIENCES

2021 - present	Technical Reviewer. Journal on Education in Emergencies.
2018 - 2019	Research Assistant. Prof. Arun Sundararajan, NYU Stern School of Business.
2018	Research Assistant. Prof. Kathryn Moeller, UW-Madison School of Education, Prof. Rebecca Tarlau, Stanford School of Education.
2015 - 2017	Research Assistant. Prof. Kathryn Moeller, UW-Madison School of Education.

FUNDING AND AWARDS

2023	NYU Steinhardt Dissertation Finishing Award.
2023	NYU Steinhardt Research & Travel Grant.
2023	American Math. Society, Summer research program on Complex Social Systems.
2022	NYU Steinhardt Dissertation Writing Grant.
2022	NYU Steinhardt Research & Travel Grant.
2022	Russell Sage Foundation, Summer Institute in Computational Social Sciences
2018-2022	NYU Steinhardt Doctoral Fellowship.
2017-2018	CUNY Graduate Center Doctoral Fellowship.
2016	UW-Madison Margaret E. and Allard Smith Scholarship.

PROFESSIONAL SERVICE

2022 - present	Occasional Reviewer. Journal on Education in Emergencies.
2022 - present	Podcast Host. New Books in Education, a channel of the New Books Network.
2020	Technical Reviewer. ASA's Sociology of Education Section.

PROFESSIONAL MEMBERSHIP

American Sociological Association (Sections: Mathematical Sociology; Sociology of Education).

TECHNICAL SKILLS

Quantitative analysis	R (primary); Python; Stata; SPSS.
Agent-based modeling	NetLogo (primary); Python.