JOÃO M. SOUTO MAIOR

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ACADEMIC APPOINTMENTS

2023 - 2024   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.

- 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. City University of New York.

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

AREAS OF RESEARCH

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

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." *Sociological Science (forthcoming).* [code]

PAPERS UNDER REVIEW

João Souto-Maior. "Hoarding without hoarders: unpacking the emergence of opportunity hoarding within schools." *Revise and Resubmit at Sociology of Education.* [preprint]

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

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

PAPERS 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."

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."

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]

PRESENTATIONS

Conference presentations

João Souto-Maior. 2023. "Unpacking the emergence of opportunity hoarding: an agent-based model of Black-White educational disparities within schools." *Annual Conference of the International Network of Analytical Sociologists (Princeton, PA).*

João Souto-Maior.2023. "From individual- to group-level educational advantages: unpacking the emergence of opportunity hoarding within Schools." *Annual Group Processes Conference (Philadelphia, PA).*

João Souto-Maior. 2023. "Hoarding without hoarders: collateral effects of information diffusion on Black-White educational inequalities within schools." *American Sociological Association: Sociology of Education Roundtables (Philadelphia, PA).*

João Souto-Maior. 2022. "Black-White advanced enrollment inequalities and the racial composition of schools: an agent-based modeling investigation." *American Sociological Association: Session on Mathematical and Computational Approaches to Studying Inequality (Los Angeles, CA).*

João Souto-Maior. 2022. "Black-White advanced enrollment inequalities and the racial composition of schools: an agent-based modeling investigation." *Joint US-Japan Conference on Mathematical Sociology and Rational Choice (Los Angeles, CA).*

Other presentations

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

TEACHING

Laboratory instructor

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

Teaching assistant

2022   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 - 2023   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 Mathematical Society, Summer 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 -	Occasional Reviewer. Journal on Education in Emergencies.
2022 -	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
Agent-based modeling: NetLogo (primary); Python.