

# JOÃO M. SOUTO MAIOR

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## ACADEMIC APPOINTMENTS

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2023 - present Postdoctoral Associate. New York University.

- Institute for Human Development and Social Change at the Steinhardt School of Culture, Education, and Human Development.

## EDUCATION

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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

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Organizations; Education policy; Racial inequality; Computational methods.

## RESEARCH PAPERS

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### 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 & Ravi Shroff. “Adjusting for academic preparedness when estimating enrollment disparities in advanced high school coursework.” [[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

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### 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

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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

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### 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

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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

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2023 NYU Steinhardt Dissertation Finishing Award.

2023 NYU Steinhardt Research & Travel Grant.

2023 American Mathematical 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 at  
Duke University.

2018-2022 NYU Steinhardt Doctoral Fellowship.

2017-2018 CUNY Graduate Center Doctoral Fellowship.

2016 UW-Madison Margaret E. and Allard Smith Scholarship.

## PROFESSIONAL SERVICE

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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. American Sociological Association: Sociology of Education  
Section.

## PROFESSIONAL MEMBERSHIP

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American Sociological Association (Sections: Mathematical Sociology; Sociology of Education;  
Inequality, Poverty, and Mobility).