JOÃO M. SOUTO-MAIOR

joaosm@stanford.edu | 650-509-9406
joaosoutomaior.github.io

365 Lasuen St
Stanford, CA 94305

AREAS OF RESEARCH

Topics: organizations, within-school inequality, career trajectories, life-long learning.
Methods: social simulation, education data science.

ACADEMIC APPOINTMENTS

2024-	Postdoc. Stanford Center on Longevity, Stanford University.
2023-24	Postdoc. Institute of Human Development & Social Change, New York University.

EDUCATION

2023	Ph.D. Sociology of Education. New York University.
2021	M.Phil. Sociology of Education. New York University.
2017	B.A. Economics. University of Wisconsin-Madison.

Selected extracurricular training

2023	American Mathematical Society's Summer program on Complex Social Systems.
2022	Summer Institute in Computational Social Sciences, Duke University.
2017-18	First-year Economics Ph.D. student, The Graduate Center at CUNY.

RESEARCH PAPERS

Peer-reviewed publications

2025 — Rachel Fish, Kenneth Shores & **João Souto-Maior**. A critical appraisal of the evidence on racial disproportionality in special education. *Exceptional Children.*

2025 — **João Souto-Maior**. School racial composition and the emergence of Black-White within-school inequalities: network-based foundations. *The Journal of Mathematical Sociology.*

2024 — **João Souto-Maior** & Ravi Shroff. Differences in academic preparedness do not fully explain Black-White enrollment disparities in advanced high school coursework. *Sociological Science.* [code]

Manuscripts under review

João Souto-Maior. Hoarding without hoarders: opportunity hoarding in the absence of exclusionary behaviors. (R&R)

João Souto-Maior, Kenneth Shores & Rachel Fish. The correlated proxy problem: why control variables can obscure the contribution of selection processes to group-level inequality.

<u>Manuscripts in preparation</u>

A skill-dependent Heckman Curve (with Mitchell Stevens).

Early-adult trajectories and later-life outcomes (with Chandra Muller, Bernardo Mackenna and Katie Spoon).

The collateral effects of within-school tracking on school racial segregation (invited submission to the *American Behavioral Scientist* special issue on "Social Networks, Mechanisms & Social Inequalities").

Intergenerational dependence and the rate of return to human capital investment across the life course.

Beyond compliance: a critical review of Civil Rights Data Collection (CRDC) in addressing the racialization of disability (with Dosun Ko, Saili Kulkarni, Dian Mawene, Gabrielle Bernal and Alfredo Artiles).

OTHER WRITING

<u>Research reports (in preparation)</u>

Quantifying the cost of employment pauses and charting paths back (with *The Burning Glass Institute* and Mitchell Stevens).

The intersection of special education and english learner classifications and its implications for multilingual learner's educational opportunities (with Alfredo Artiles).

<u>Book reviews</u>

2025   **João Souto-Maior**. Book review: Laboratories of Learning: Social Movements, Education, and Knowledge-Making in the Global South by Mario Novelli, Birguul Kutan, Patrick Kane, Adnan Çelik, Tejendra Pherali, and Saranel Benjamin. *Journal on Education in Emergencies*.

RESEARCH PRESENTATIONS

<u>Conference presentations</u>

2025   Intergenerational dependence and the rate of return to human capital investment across the life course. *Annual Conference of the International Network of Analytical Sociologists* (New York, NY).

2025   Intergenerational dependence and the rate of return to human capital investment across the life course. *Sociological Science Conference* (Ithaca, NY).

2025   The structure of tracking systems and the emergence of within-school racial inequalities (2025). *Sociology of Education Association Annual Meeting* (Asilomar, CA).

2024   Selection- and demand-based explanations for curriculum differentiation policies within American schools: an agent-based model. *American Sociological Association, Session on Open Topics in Mathematical Sociology* (Montreal, Canada).

2024   Selection- and demand-based explanations for curriculum differentiation policies within American schools: an agent-based model. *Annual Conference of the International Network for Social Network Analysis* (Edinburgh, Scotland).

2024	Differences in academic preparedness do not fully explain Black-White enrollment disparities in advanced high school coursework. *Sociological Science Conference* (Durham, NC).
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).
2023	From individual- to group-level educational advantages: unpacking the emergence of opportunity hoarding within Schools. *Annual Group Processes Conference* (Philadelphia, PA).
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).
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).
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

2025	Intergenerational dependence and the rate of return to human capital investment across the life course. *Inequality Workshop, Stanford Department of Sociology* (Stanford, CA)
2025	Intergenerational dependence and the rate of return to human capital investment across the life course. *Stanford Pathways Network Seminar (virtual)*
2020	Opportunity hoarding and Black-White inequalities in advanced enrollment: a simulation-based approach. *Race and Ethnicity Workshop, NYU Department of Sociology (virtual).*

TEACHING [see my website for syllabus and course notes]

Seminar leader

2025	Graduate colloquium: Education and Learning for Longer Lives. Stanford (Winter).
2015-17	Undergraduate Research Scholars Seminar. UW-Madison (4 semesters).

Laboratory instructor

2019-21	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).

SELECTED WORK EXPERIENCES

2021-23	Technical Reviewer. Journal on Education in Emergencies.
2018-19	Research Assistant. Prof. Arun Sundararajan, NYU Stern School of Business.
2015-18	Research Assistant. Prof. Kathryn Moeller, UW-Madison School of Education.

FUNDING AND AWARDS

2024-26	New Map of Life Fellowship, Stanford Center on Longevity.
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
2018-22	NYU Steinhardt Doctoral Fellowship.
2017-18	CUNY Graduate Center Doctoral Fellowship.
2016	UW-Madison Margaret E. and Allard Smith Scholarship.

PROFESSIONAL AFFILIATIONS

Pathways Network, Stanford University.
New Books Network.

PROFESSIONAL MEMBERSHIP

American Sociological Association, sections on Mathematical Sociology; Sociology of Education.

REVIEWER

American Sociological Review
Sociological Science
Sociology of Education
Urban Affairs Review
PLOS One
Learning and Individual Differences
Journal on Education in Emergencies

TECHNICAL SKILLS

Quantitative analysis: R; SQL; Python.
Agent-based modeling: NetLogo; R; Python.

REFERENCES

Mitchell Stevens
Professor of Education
Stanford University

mitchell.stevens@stanford.edu

R. L'Heureux Lewis-McCoy
Associate Professor of Sociology of Education
New York University

lewismccoy@nyu.edu

Ravi Shroff
Associate Professor of Applied Statistics
New York University

ravi.shroff@nyu.edu

Kenneth Shores
Associate Professor of Education Policy
University of Delaware

kshores@udel.edu

Rachel Fish
Associate Professor of Education & Child Study
Smith College

rfish33@smith.edu