

# MARISSA ELENA THOMPSON

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## RESEARCH INTERESTS

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Stratification & Inequality • Sociology of Education • Race & Ethnicity  
Quantitative Methods • Social Policy

## ACADEMIC APPOINTMENTS

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**Columbia University** 2022-  
Assistant Professor, Department of Sociology  
Co-Director, Center for the Study of Wealth and Inequality  
Faculty Affiliate, Columbia Population Research Center

**University of Michigan** 2021-2022  
Postdoctoral Fellow, Education Policy Initiative, Gerald R. Ford School of Public Policy  
Research Affiliate, Center for Inequality Dynamics

## EDUCATION

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**Ph.D., Sociology of Education & Education Policy** 2021  
Stanford University

**M.A., Sociology** 2019  
Stanford University

**B.S.E., Chemical and Biomolecular Engineering** 2016  
*magna cum laude*  
University of Pennsylvania

## PUBLICATIONS

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\* denotes equal authorship

### Peer-Reviewed Publications:

*Forth.* **Marissa E. Thompson\*** and Sam Trejo\* “My School District Isn’t Segregated: Experimental Evidence on the Effect of Information on Parental Preferences Regarding School Segregation”. Forthcoming at *Sociology of Education*. [Preprint] [Data/Code] [Pre-Registration]

*Forth.* **Marissa E. Thompson**, Christina Weiland, Meghan P. McCormick, Catherine Snow, and Jason Sachs. “The Role of Early Schooling in Shaping Inequality in Academic, Executive Functioning, and Social-Emotional Skills”. Forthcoming at *Socius*.

2023 **Marissa E. Thompson**. “Examining the Black Gender Gap in Educational Attainment: The Role of Exclusionary School Discipline & Criminal Justice Contact”. *Social Forces*. [Paper]

2023 René F. Kizilcec, Rachel B. Baker, Elizabeth Bruch, Kalena E. Cortes, Laura T. Hamilton, David Nathan Lang, Zachary A. Pardos, **Marissa E. Thompson**, and Mitchell L. Stevens. “From Pipelines to Pathways in the Study of Academic Progress”. *Science*. [Paper]

- 2023 Kaylee T. Matheny\*, **Marissa E. Thompson\***, Carrie Townley-Flores\*, and Sean F. Reardon. “Uneven Progress: Recent Trends in Academic Performance Among U.S. School Districts”. *American Education Research Journal*. [Paper]
- 2021 **Marissa E. Thompson**. “Grade Expectations: The role of first-year grades in predicting the pursuit of STEM majors for first- and continuing-generation students”. *The Journal of Higher Education*. [Paper]
- 2021 Sorathan Chaturapruek, Tobias Dalberg, **Marissa E. Thompson**, Sonia Giebel, Monique H. Harrison, Ramesh Johari, Mitchell L. Stevens, and René Kizilcec. “Studying Undergraduate Course Consideration at Scale”. *AERA Open*. [Paper] [Data/Code]
- 2020 Adina D. Sterling, **Marissa E. Thompson**, Shiya Wang, Abisola Kusimo, Shannon Gilmartin, and Sheri Sheppard. “The Confidence Gap Predicts the Gender Pay Gap Among STEM Graduates”. *Proceedings of the National Academy of Sciences (PNAS)*. [Paper]
- 2019 Shannon Gilmartin, **Marissa E. Thompson**, Emily Morton, Helen Chen, Anne Colby, and Sheri Sheppard. “Entrepreneurial Intent of Engineering and Business Undergraduate Students”. *Journal of Engineering Education*. [Paper]
- 2016 Ki Jun Yu, Duygu Kuzum, Suk Won Hwang, Bong Hoon Kim, Halvor Juul, Nam Heon Kim, Sang Min Won, Ken Chiang, Michael Trumpis, Andrew G. Richardson, Huanyu Cheng, Hui Fang, **Marissa E. Thompson**, Hank Bink, Delia Talos, Kyung Jin Seo, Hee Nam Lee, Seung Kyun Kang, Jae Hwan Kim, Jung Yup Lee, Younggang Huang, Frances E. Jensen, Marc A. Dichter, Timothy H. Lucas, Jonathan Viventi, Brian Litt, and John A. Rogers. “Bioresorbable silicon electronics for transient spatiotemporal mapping of electrical activity from the cerebral cortex”. *Nature Materials*. [Paper]

### Working Papers:

**Marissa E. Thompson**, Sam Trejo, AJ Alvero, and Daphne O. Martschenko. ““*They have Black in their Blood*”: Exploring how genetic ancestry tests affect conceptions of race”. *SocArXiv*. [Preprint] [Pre-Registration]

### Other Publications:

- 2021 **Marissa E. Thompson**. “Who’s getting pulled in weed-out courses for STEM majors?” Brown Center Chalkboard, Brookings Institution. [Link]

## TEACHING

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### Columbia University

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|---|----------------------|
| Race, Discrimination, and Racial Inequalities on Both Sides of the Atlantic (Undergraduate) | Fall 2023            |
| Sociology of Education (Undergraduate)  | Spring 2023          |
| Sociology of Education (Graduate)   | Fall 2022            |
| Workshop on Wealth and Inequality (Graduate)  | Fall 2022, Fall 2023 |

## GRANTS & FELLOWSHIPS

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Alliance Joint Projects Grant, Columbia University – \$15,000 2023  
 for “*A Columbia-Sciences Po Joint Course: Race, Discrimination and Racial Inequalities on Both Sides of the Atlantic*”  
 P.I.s Thomas DiPrete, Mirna Safi & Marissa Thompson

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| Columbia Population Research Center Seed Grant, Columbia University – \$20,000<br>for <i>"Race, Genetic Ancestry, and Context: Exploring How Genetic Ancestry Tests Influence Conceptions of Race"</i><br>P.I.s Marissa Thompson, Sam Trejo, Daphne Martschenko, & AJ Alvero | 2022      |
| Institute of Education Sciences (IES) Grant – \$2,702,034<br>for <i>"Early First-Dollar Categorical Need-Based Aid: A New Model for Making College Affordable?"</i><br>P.I. Kevin Stange   | 2022-2026 |
| Institute of Education Sciences (IES) Postdoctoral Training Fellowship   | 2021-2022 |
| Center for American Democracy Grant, Stanford University – \$2,000<br>for <i>"Understanding Parental Attitudes Towards School Segregation"</i><br>P.I.s Marissa Thompson and Sam Trejo   | 2020-2021 |
| Karr Family Fellowship, Stanford University  | 2018-2019 |
| Institute of Education Sciences (IES) Predoctoral Training Fellowship  | 2017-2019 |
| Graduate Fellowship in Science and Engineering, Stanford University  | 2016-2021 |
| Enhancing Diversity in Graduate Education Fellowship, Stanford University  | 2016-2021 |

## HONORS & AWARDS

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| Outstanding Predoctoral Fellow Award, Institute of Education Sciences (IES)                    | 2021 |
| Zeisberg Best Research Award in Chemical Engineering, American Institute of Chemical Engineers | 2017 |
| Melvin C. Molstad Prize in Chemical Engineering, University of Pennsylvania                    | 2016 |
| Exceptional Service Award, University of Pennsylvania  | 2016 |

## INVITED PRESENTATIONS

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\* denotes scheduled presentations

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| 2023 | University of Michigan, Center for Academic Innovation<br>University of Houston, Identity & Academic Motivation Lab<br>Columbia University, Population Research Center<br>Pennsylvania State University, Population Research Institute*<br>University of Wisconsin - Madison, Wisconsin Center for Educational Research*<br>University of Wisconsin - Madison, Experimental Methods in Sociology Workshop*<br>Yale University, Center for Empirical Research on Stratification and Inequality*<br>University of Pennsylvania, Population Studies Center* |
| 2022 | Columbia University, Center for the Study of Wealth and Inequality<br>Drexel University, Pennoni Honors College (Panel)<br>Pennsylvania State University, College of Education<br>Columbia University, Quantitative Methods in the Social Sciences Research Seminar  |
| 2021 | University of Michigan, Gerald R. Ford School of Public Policy<br>Howard University, School of Education<br>University of Florida, College of Education  |

Columbia University, Department of Sociology

2020 École Normale Supérieure, Département d'Études Cognitives

## CONFERENCE PRESENTATIONS & PROCEEDINGS

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- 2023 Sociology of Education Association  
Population Association of America  
RC-28: Research Committee on Social Stratification and Mobility  
American Sociological Association\*
- 2022 American Sociological Association  
Association of Black Sociologists
- 2021 American Sociological Association  
Association for Education Finance and Policy  
Empowering Learners in AI
- 2020 Association for the Study of Higher Education
- 2019 Association for Public Policy Analysis and Management  
Sociology of Education Association  
Association for Education Finance and Policy  
American Sociological Association
- 2018 American Society of Engineering Education  
American Sociological Association

## DEPARTMENTAL & UNIVERSITY SERVICE

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| Graduate Admissions Committee, Columbia University                                   | 2023      |
| Academic Co-Chair, Black Graduate Student Association, Stanford University           | 2020-2021 |
| M.A. Representative, Association of Sociology Graduate Students, Stanford University | 2020-2021 |
| Social Chair, Graduate School of Education Student Guild, Stanford University        | 2017-2018 |

## PROFESSIONAL SERVICE & MEMBERSHIPS

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| Session Organizer, PAA Annual Meeting                               | 2024      |
| Board of Directors, Sociology of Education Association              | 2023-2025 |
| Outstanding Publication Award Committee, ASA Section on Methodology | 2023      |
| Program Committee, ABS Annual Meeting                               | 2023      |
| Clifford Clogg Award Committee, ASA Section on Methodology          | 2022      |
| Council Member (Student), ASA Section on Methodology                | 2021-2023 |

### Professional Association Memberships:

American Sociological Association (ASA)  
Association of Black Sociologists (ABS)  
Population Association of America (PAA)  
RC-28: Research Committee on Social Stratification and Mobility  
Sociology of Education Association (SEA)

### Reviewer:

*AERA Open, American Educational Research Journal, American Sociological Review, European Sociolog-*

*ical Review, Peabody Journal of Education, Social Currents, Sociological Focus, Sociology of Education, The Journal of Higher Education*