

# MARISSA ELENA THOMPSON

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## RESEARCH INTERESTS

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

## ACADEMIC APPOINTMENTS

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**Columbia University** 2022-

Assistant Professor, Department of Sociology  
Faculty Affiliate, Columbia Population Research Center  
Faculty Affiliate, Institute for Social and Economic Research and Policy

**University of Michigan** 2021-2022

Postdoctoral Fellow, Education Policy Initiative, 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

University of Pennsylvania

## PUBLICATIONS

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\* denotes equal authorship

### Peer-Reviewed Publications:

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*. [Link]

2021 Sorathan Chaturapruerk, 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*. [Link]

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 of the United States of America*. [Link]

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*. [Link]

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*. [Link]

### Working Papers:

- 2022 **Marissa E. Thompson\*** and Sam Trejo\* “*Not in My School District: Experimental Evidence on the Effect of Information on Parental Preferences Regarding School Segregation*”. (Under Review) [Link]
- 2021 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”. (2nd Revise & Resubmit) [Link]

### Under Review:

**Marissa E. Thompson**. “Examining the Black Gender Gap in Educational Attainment: The Role of Institutional Punishment”. (Revise & Resubmit)

Adina D. Sterling and **Marissa E. Thompson**. “How Early Career Experience and Race Influence Entry into Good Jobs: A Correspondence Study During the COVID-19 Pandemic”. (Under Review)

### 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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**Sociology of Education (Graduate)** Fall 2022  
Columbia University

**Wealth and Inequality Seminar (Graduate)** Fall 2022, Spring 2023  
Columbia University

## GRANTS & FELLOWSHIPS

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Columbia Population Research Center Grant, Columbia University – \$20,000 2022  
for “*Race, Genetic Ancestry, and Context: Exploring how Genetic Ancestry Tests Influence Conceptions of Race*”  
P.I. Marissa Thompson

Institute of Education Sciences (IES) Grant – \$2,702,034 2022-2026  
for “*Early First-Dollar Categorical Need-Based Aid: A New Model for Making College Affordable?*”  
P.I. Kevin Stange

Institute of Education Sciences (IES) Postdoctoral Training Fellowship 2021-2022

Center for American Democracy Grant, Stanford University – \$2,000 2020-2021  
for “*Understanding Parental Attitudes Towards School Segregation*”  
P.I.s Marissa Thompson and Sam Trejo

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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2022	Columbia University, Center for the Study of Wealth and Inequality Pennsylvania State University, College of Education
2021	University of Michigan, Ford School of Public Policy Howard University, School of Education 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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2022	American Sociological Association
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

## WORKSHOPS

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<b>Summer Program in Quantitative Methods of Social Research</b> Inter-University Consortium for Political and Social Research (ICPSR) Ann Arbor, MI	2017
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## DEPARTMENTAL & UNIVERSITY SERVICE

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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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Council Member (Student), Methodology Section, American Sociological Association	2021-2023
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### **Professional Association Memberships:**

American Sociological Association

Sociology of Education Association

Association for Education Finance and Policy

RC-28: Research Committee on Social Stratification and Mobility

Population Association of America

### **Reviewer:**

*Sociology of Education, AERA Open, Peabody Journal of Education, The Journal of Higher Education, Sociological Focus*