

MARISSA ELENA THOMPSON

Stanford University Center for Education Policy Analysis

734.709.7147 | marissathompson@stanford.edu | MarissaEThompson.com

RESEARCH INTERESTS

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

EDUCATION

Ph.D., Sociology of Education & Education Policy Expected 2021

Dissertation: *Racial & Socioeconomic Inequality in Educational Opportunity & Access*

Committee: Sean Reardon, Mitchell Stevens, David Grusky, & Francis Pearman

Stanford University

M.A., Sociology 2019

Stanford University

B.S.E., Chemical and Biomolecular Engineering 2016

Certificate in French Language

Magna Cum Laude

University of Pennsylvania

PUBLICATIONS

* denotes equal authorship

Refereed Journal Articles:

Forth. Sorathan Chaturapruek, Tobias Dalberg, René Kizilcec, **Marissa E. Thompson**, Sonia Giebel, Monique Harrison, Ramesh Johari and Mitchell Stevens. “Studying Undergraduate Course Consideration at Scale”. [Accepted for publication at *AERA Open*]

2020 Adina 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]

Published Technical Reports:

2018 **Marissa E. Thompson**, Vivian Xiao, and Shannon Gilmartin. “Addendum 2 to EMS Technical

Report: Methodological Details for EMS 3.0 Administration and Dataset Building”. Stanford University Designing Education Lab.

Manuscripts Under Review:

Marissa E. Thompson. “Grade Expectations: The role of first-year grades in predicting students’ pursuit of STEM majors for first- and continuing-generation students”. [Revise & Resubmit]

Marissa E. Thompson. “Examining the Black Gender Gap in Educational Attainment: The Role of Institutional Punishment”. [Under Review]

Manuscripts In Preparation:

Kaylee T. Matheny*, Carrie Townley Flores*, Marissa E. Thompson*, and Sean F. Reardon. “Uneven Progress: Trends in Academic Performance Among U.S. School Districts”.

Marissa E. Thompson* and Sam Trejo*. “The Effect of Information on Parental Preferences Regarding School Segregation: Evidence from a Survey Experiment”.

Marissa E. Thompson. “The Effect of School District Secession on Achievement Gaps and School Finance”.

Marissa E. Thompson, Tobias Dalberg, and Elizabeth Bruch. “Searching for Classes: A Latent Class Analysis of Student Course Consideration”.

RESEARCH EXPERIENCE

Graduate Research Assistant	2017-Present
Research Assistant under Dr. Sean Reardon at the Educational Opportunity Project [Link] Stanford University, Graduate School of Education	

Graduate Research Assistant	2017-Present
Research Assistant under Dr. Mitchell Stevens at the Pathways Lab [Link] Stanford University, Graduate School of Education	

Graduate Research Assistant	2017-2018
Research Assistant under Dr. Sheri Sheppard at the Designing Education Lab [Link] Stanford University, School of Engineering	

Undergraduate Research Assistant	2015-2016
Research Assistant under Dr. Brian Litt University of Pennsylvania, School of Engineering and Applied Sciences	

Research Assistant	2009-2010
Research Assistant under Dr. Paul Rasmussen University of Michigan, School of Engineering	

TEACHING

Statistical Analysis in Education: Regression	Winter 2019 & 2021
Teaching Assistant under Dr. Eric Bettinger Stanford University	

HONORS, FELLOWSHIPS & AWARDS

Karr Family Fellowship, Stanford University, \$19,000	2018-2019
Institute of Education Sciences (IES) Predoctoral Training Fellowship, \$60,000/2 years	2017-2019
Graduate Fellowship in Science and Engineering, Stanford University, \$125,100/3 years	2016-Present
Enhancing Diversity in Graduate Education Fellowship, Stanford University, \$12,800	2016-Present
Zeisberg 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

GRANTS & PROJECTS

Center for American Democracy, Stanford University - \$2,000 2020
 "Understanding Parental Attitudes Towards School Segregation" with Sam Trejo

Pathways Through College Research Network 2018
 "Sticking with STEM: Gender, Grades, and Persistence" with Monique Harrison and Sorathan Chaturapruek

INVITED PRESENTATIONS

École Normale Supérieure April 2020
 Département d'Études Cognitives, Laboratoire de Sciences Cognitives et Psycholinguistique
 Paris, France. [Virtual presentation due to COVID-19]

CONFERENCE PAPERS & PRESENTATIONS

- 2020 **Marissa E. Thompson.** "Explaining the Black Gender Gap in Educational Attainment and Intergenerational Mobility". *Association for the Study of Higher Education Annual Meeting*. [Virtual presentation due to COVID-19]
- 2019 Kaylee T. Matheny, Carrie Townley Flores, **Marissa E. Thompson**, and Sean F. Reardon. "Uneven Progress: Trends in Academic Performance Among U.S. School Districts". *Sociology of Education Annual Meeting*. Pacific Grove, CA.
- 2019 Kaylee T. Matheny, Carrie Townley Flores, **Marissa E. Thompson**, and Sean F. Reardon. "Uneven Progress: Trends in Academic Performance Among U.S. School Districts". *Association for Education Finance and Policy Annual Meeting*. Kansas City, MO.
- 2019 Kaylee T. Matheny, Carrie Townley Flores, **Marissa E. Thompson**, and Sean F. Reardon. "Uneven Progress: Trends in Academic Performance Among U.S. School Districts". *American Sociological Association Annual Meeting*. New York, New York.
- 2019 **Marissa E. Thompson**, Monique Harrison, and Sorathan Chaturapruek. "Sticking with STEM: Gender, Grades and STEM Persistence". *American Sociological Association Annual Meeting*. New York, New York.
- 2018 Abisola Kusimo, **Marissa E. Thompson**, Sara Atwood, and Sheri Sheppard. "Effects of Research and Internship Experiences on Engineering Task Self-Efficacy on Engineering Students Through an Intersectional Lens". *American Society of Engineering Education Annual Meeting*. Salt Lake City, UT. *Winner of 2018 Best Diversity Paper Award*.
- 2018 Mitchell Stevens, Monique Harrison, **Marissa E. Thompson**, Arik Lifschitz, and Sorathan Chat-

urapruek. “Choices, Identities, Paths: Understanding College Students’ Academic Decisions”.
American Sociological Association Annual Meeting. Philadelphia, PA.

WORKSHOPS

Summer Program in Quantitative Methods of Social Research 2017
Inter-University Consortium for Political and Social Research (ICPSR)
Ann Arbor, MI

UNIVERSITY MEMBERSHIPS

Academic Co-Chair, Black Graduate Student Association, Stanford University	2020-Present
M.A. Representative, Association of Sociology Graduate Students, Stanford University	2020-Present
Member, Sociology and Education Network, Stanford University	2017-Present
Member, Diversity and Inclusion in Sociology, Stanford University	2017-Present
Social Chair, Stanford Graduate School of Education Student Guild	2017-2018

PROFESSIONAL ACTIVITIES

Professional Memberships:

American Sociological Association, American Educational Research Association, Sociology of Education Association, Association for the Study of Higher Education, Association for Education Finance and Policy

Reviewer:

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

SOFTWARE & LANGUAGES

Stata (Advanced) • **R** (Intermediate) • **Python** (Intermediate) • **SQL** (Novice)
English (Native) • **French** (Advanced)