

MARISSA ELENA THOMPSON

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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
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:

- 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:

Sorathan Chaturapruek, Tobias Dalberg, René Kizilcec, Marissa E. Thompson, Sonia Giebel, Monique Harrison, Ramesh Johari and Mitchell Stevens. “Understanding Undergraduate Course Consideration at Scale”. [Revise & Resubmit]

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

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”.

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". <i>Association for the Study of Higher Education Annual Meeting</i> . [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". <i>Sociology of Education Annual Meeting</i> . 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". <i>Association for Education Finance and Policy Annual Meeting</i> . 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". <i>American Sociological Association Annual Meeting</i> . New York, New York.
2019	Marissa E. Thompson , Monique Harrison, and Sorathan Chaturapruek. "Sticking with STEM: Gender, Grades and STEM Persistence". <i>American Sociological Association Annual Meeting</i> . 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". <i>American Society of Engineering Education Annual Meeting</i> . Salt Lake City, UT. <i>Winner of 2018 Best Diversity Paper Award</i> .
2018	Mitchell Stevens, Monique Harrison, Marissa E. Thompson , Arik Lifschitz, and Sorathan Chaturapruek. "Choices, Identities, Paths: Understanding College Students' Academic Decisions". <i>American Sociological Association Annual Meeting</i> . 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 MEMBERSHIPS

American Sociological Association

Sociology of Education Association

Association for the Study of Higher Education

Association for Education Finance and Policy

SOFTWARE & LANGUAGES

Stata (Advanced) • **R** (Intermediate) • **Python** (Intermediate) • **SQL** (Novice)

English (Native) • **French** (Advanced)