

MARISSA ELENA THOMPSON

Stanford University Center for Education Policy Analysis

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RESEARCH INTERESTS

Stratification & Inequality • Sociology of Education • Higher Education
Quantitative Methods • 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

Peer-Reviewed Publications:

- 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*. [Link]
- 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]

Working Papers:

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”. [Link]

Works in Progress:

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]

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. “Curricular Blind Spots: How Course Consideration Varies Across Undergraduate Students”.

RESEARCH AFFILIATIONS

Educational Opportunity Project [Link], Stanford University Graduate Research Assistant	2017-Present
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Pathways Lab [Link], Stanford University Graduate Research Assistant	2017-Present
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Designing Education Lab [Link], Stanford University Graduate Research Assistant	2017-2018
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Department of Bioengineering , University of Pennsylvania Undergraduate Research Assistant	2015-2016
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TEACHING

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

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

CONFERENCE PRESENTATIONS

- 2021 **Marissa E. Thompson.** "The Effect of School District Secession on Achievement Gaps and School Finance".
Association for Education Finance and Policy Annual Meeting. [Scheduled, Virtual presentation due to COVID-19]
- 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, **Marissa E. Thompson**, Carrie Townley Flores, and Sean F. Reardon. "Uneven Progress: Trends in Academic Performance Among U.S. School Districts".
Association for Public Policy Analysis and Management Annual Meeting. Denver, CO.
- 2019 Kaylee T. Matheny, **Marissa E. Thompson**, Carrie Townley Flores, 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, **Marissa E. Thompson**, Carrie Townley Flores, 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, **Marissa E. Thompson**, Carrie Townley Flores, 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 Chaturapruek. "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)