

Marissa Tsugawa

Utah State University — Logan, UT 84322-4100

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Education

Doctor of Philosophy, Engineering Education

*University of Nevada, Reno
Reno, Nevada*

Concentration: Motivation and Identity of Engineering Graduate Students

Reno, NV
December 2019

Master of Science, Mechanical Engineering

*University of Nevada, Reno
Reno, Nevada*

Concentration: Ionic Polymer Metal Composites

Reno, NV
December 2014

Bachelor of Science, Mechanical Engineering, Minor in Physics

University of Nevada, Reno

Concentration: Controls and Dynamics

Reno, NV
May 2012

Professional Appointments

Assistant Professor, Engineering Education

*University of Nevada, Reno
Reno, Nevada*

Concentration: Women of Color, Diversity

Logan, UT
August 2021 - Current

Postdoctoral Scholar, Engineering Education

*University of Nevada, Reno
Reno, Nevada*

Concentration: Women of Color, Diversity

Reno, NV
January 2020 - July 2021

University of Nevada, Reno

Letter of Appointment, "Instrumentation"

Instructor of Record: Miles Greiner

Reno, NV
January 2015-June 2015

Publications

Matthew Bahnson, Heather L. Perkins, Marissa A. Tsugawa, Derrick J. Satterfield, MacKenzie Parker, Cheryl Cass, & Adam Kirn

Title: *Inequity in Graduate Engineering Education: Disciplinary Differences and Opportunity Structures*
Journal of Engineering Education, 2021.

Heather L. Perkins, Matthew Bahnson, Marissa A. Tsugawa-Nieves, Derrick J. Satterfield, MacKenzie Parker, Cheryl Cass, & Adam Kirn

Title: *An Intersectional Approach to Exploring Engineering Graduate Students' Identities and Academic Relationships*

International Journal of Gender, Science and Technology, 2020.

Derrick Satterfield, Marissa Tsugawa-Nieves, Heather Perkins, Cheryl Cass, & Adam Kirn

Title: *Engineering Graduate Students' Salient Identities as Predictors of Perceived Task Difficulty*
Proceedings of the 2019 American Society for Engineering Education Annual Meeting, 2019.

Marissa Tsugawa-Nieves, Heather Perkins, Cheryl Cass, & Adam Kirn

Title: *WIP: Testing an Integrated Framework of Motivation and Identity in a Doctoral Engineering Context*

Proceedings of the 2018 IEEE Frontiers in Education Conference, 2018.

Heather Perkins, Matthew Bahnson, Marissa Tsugawa-Nieves, Cheryl Cass, & Adam Kirn

Title: *WIP: Influence of Laboratory Group Makeup on Recognition and Identity Development in the Engineering Graduate Student Population*

Proceedings of the 2018 IEEE Frontiers in Education Conference, 2018.

Matthew Bahnson, Heather Perkins, Marissa Tsugawa-Nieves, Cheryl Cass, & Adam Kirn

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Title: *WIP: Influence of Research Experience on Recognition and Identity Development in the Engineering Graduate Student Population*

Proceedings of the 2018 IEEE Frontiers in Education Conference, 2018.

Derrick Satterfield, Marissa Tsugawa-Nieves, & Adam Kirn

Title: *WIP: Factors Affecting Graduate STEM Student Attrition Rates*

Proceedings of the 2018 IEEE Frontiers in Education Conference, 2018.

Marissa Tsugawa-Nieves, Heather Perkins, Blanca Miller, Cheryl Cass, & Adam Kirn

Title: *The Role of Engineering Doctoral Students' Future Goals on Perceived Task Usefulness*

Proceedings of the 2017 American Society for Engineering Education Annual Meeting, 2017.

Presentations

Marissa Tsugawa-Nieves, Heather Perkins, Cheryl Cass, & Adam Kirn

Title: *WIP: Testing an Integrated Framework of Motivation and Identity in a Doctoral Engineering Context*

Presented at the 48th Annual Frontiers in Education (FIE) Conference.

Marissa Tsugawa-Nieves, Heather Perkins, Matthew Bahnson, Cheryl Cass, & Adam Kirn

Title: *Engineering Graduate Students: Future Time Perspective and Gender Identity*

Presented at the 4th Biannual Gender & STEM Network 2018, August 2, 2018.

Marissa Tsugawa-Nieves, Nick Nemsgern, & Megan Beckam

Title: *Workshop - Authentic Engineering Problems to Engage Learners in Scientific Concepts*

Presented at National Science Teachers Association's National Conference in Atlanta, March 2018.

Awards

Second Place Award for the GSA Liberal Arts/Social Science Poster Division

University of Nevada, Reno, College of Engineering

November 2017

Second Place Award for the GSA Liberal Arts/Social Science Poster Division

University of Nevada, Reno, College of Engineering

November 2016

NSF-CBMS Travel Support Award

NSF-CBMS Regional Research Conferences in the Mathematical Sciences

May 2016

GK-12 Fellowship

National Science Foundation

August 2013-December 2014

Outstanding Service Award

University of Nevada, Reno, College of Engineering

May 2012

May 2019-Present