

2022 ASEE Annual Conference  
**Education Research & Methods Division**  
**Distinguished Lecture**



**The Future is Brown & Black:  
Re-imagining our Relationship  
with Research**

**Dr. Stephanie Masta**

Associate Professor  
Curriculum & Instruction  
College of Education  
Purdue University

Wednesday, June 29, 2022  
1:45 – 3:15 pm  
Room 211, Convention Center

**Dr. Stephanie Masta** is an associate professor of curriculum & instruction at Purdue University, with courtesy appointments in the School of Engineering Education & the Dept. of American Studies in the College of Liberal Arts.

A leading scholar in the field of Indigenous education, Masta's research spotlights the centrality of Indigenous education within curriculum studies through the development & use of Indigenous methodologies to study Indigenous student experiences in educational contexts. She has extended her work on critical & Indigenous methodologies to engineering educational spaces, where she studies the experiences of Brown & Black students in engineering classrooms.

Masta's work in Indigenous education & engineering education has led to invited talks at many institutions. She also has authored many peer-reviewed journal articles & given more than 35 international, national, & regional presentations at Indigenous education, curriculum studies, engineering education, & educational research conferences. Masta currently leads two research projects, *Connecting Identity & Place: Understanding Indigenous Graduate Student Experiences in STEM*, funded by the Spencer Foundation, & the NSF-funded *Identifying Marginalization & Alying Tendencies in Engineering Teams*, on which she is a co-PI. She served as principal investigator on the *Experiences of Native Women in Higher Education*, funded by the Purdue University Susan Bulkeley Butler Research Fellowship, & *Colonial Discourses: Challenging Dominant Narratives in US History Curricula*, funded by the Purdue Research Foundation. Masta has authored many peer-reviewed journal articles. She has written a book chapter

on how American Indian students make sense of school success & coedited the book *Ideating Pedagogy in Troubled Times: Approaches to Identity, Theory, Teaching, & Research*.

Collectively, her scholarship speaks to a wide range of educators, researchers, & community members interested in the use of critical & Indigenous methodologies to understand racism & marginalization in educational spaces.

## **Talk Overview**

For too long, researchers have hidden behind false notions of objectivity & neutrality to avoid holding themselves accountable for the harms committed in the name of research. However, as the racially centered events of the past two years have demonstrated, the time for accountability is now. Rather than reflect on past wrongs, the Year of Impact on Racial Equity gives us the opportunity to look forward.

We must & should reimagine a path forward for educational research. We must rethink several fundamental aspects of the research process: our roles as researchers, our relationship to various concepts (e.g., neutrality, objectivity, bias), even what research can & cannot do.

The purpose of this distinguished lecture is to begin a conversation on what a paradigmatic shift in engineering education research looks like. What does the path forward look like today? What does it look like in 10 years? In 20 years? Institutional change always starts with individuals, & we have an opportunity to move the field of engineering education research forward in ways that empower everyone.

# Past Distinguished Lecturers in the Education Research & Methods Division

Since 1980, the Educational Research & Methods Division of ASEE has sponsored the ERM Distinguished Lecture at the ASEE Annual Conference. The lecture provides an opportunity to hear thought-provoking new ideas by notable speakers, often from outside the engineering education community.

1980 – Burrhus F. Skinner	2002 – Sue Rosser
1981 – Robert F. Mager	2003 – Elaine Seymour
1982 – Wilbert J. McKeachie	2004 – James Pellegrino
1983 – Samuel N. Postlewait	2005 – Jack Wilson
1985 – Fred F. Keller	2006 – Sheri Sheppard
1986 – Moshe F. Rubinstein	2007 – R. Keith Sawyer
1987 – Benjamin S. Bloom	2008 – Lauren Resnick
1988 – Donald A. Schon	2009 – James E. Stice
1989 – William G. Perry, Jr.	2010 – David H. Jonassen
1990 – Frederick Reif	2011 – David Williamson Shaffer
1991 – K. Patricia Cross	2012 – Charles Henderson
1992 – Alan H. Schoenfeld	2013 – Wendy Newstetter
1993 – Ernest L. Boyer	2014 – Peggy McIntosh
1994 – Sheila Tobias	2015 – Susan Elrod
1995 – Peter R. Seldin	2016 – Donna Riley
1996 – Woodie C. Flowers	2017 – James Pellegrino
1997 – David & Robert Johnson	2019 – Alice Pawley
1998 – Thomas Angelo	2020 – Lisa Benson
1999 – Richard M. Felder	2021– Kelly Cross, James Holly, Leroy Long & Ebony McGee
2000 – Michelene T.H. Chi	2022 – Stephanie Masta
2001 – John D. Bransford	