

The Consciousness that Equitable Teaching Requires in STEM Classrooms

FRIDAY, JANUARY 29, 2016

TALK AT 11:30AM followed by Q&A at DISCOVERY LEARNING CENTER (DLR), RM 143A/B



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Department of Teacher Education
Michigan State University**

In this talk Dr. Carter Andrews describes mindsets and practices that STEM faculty need to employ to cultivate positive relationships with students and maximize student learning. In order for all students to experience classrooms as inclusive spaces, faculty must consider the role they play in creating culturally responsive learning environments that meet the needs of all students. Dr. Carter Andrews will discuss the significance of critical self-reflection as key for enhancing one's cultural competency and understanding how issues of power, privilege, and difference can impede the teaching and learning process.

Biographical Statement

Dorinda J. Carter Andrews is an associate professor in the Department of Teacher Education at Michigan State University where she teaches courses on racial identity development, urban education, critical multiculturalism, and critical race theory. She holds a B.S.I.E. from Georgia Tech, M.Ed. from Vanderbilt University, and an Ed.M. and Ed.D. from Harvard University. Dr. Carter Andrews is a Core Faculty member in the African American and African Studies program, Co-Director of the Graduate Urban Education Certificate Program, and a Faculty Leader in the Urban Educators Cohort Program, a program designed to prepare MSU preservice students for teaching careers in urban contexts. Dr. Carter's research is broadly focused on race and educational equity. She studies issues of educational equity in suburban and urban schools, urban teacher preparation and identity development, and critical race praxis with K-12 educators. Dr. Carter Andrews also values civic engagement and community outreach and was recently awarded the Michigan State University Scholarship Community Partnership Award for her work with school districts to close achievement gaps.

Dr. Carter Andrews is a former industrial engineer, high school math teacher, and kindergarten teacher and has teaching experience in suburban, urban, charter, and independent schools. She regularly partners with K-12 educators and higher education faculty on how to better address the academic needs of culturally diverse students in various educational contexts and engage in courageous conversations and action about the implications of race and bias in the learning context.

In addition to various awards, Dr. Carter Andrews has given two TEDx talks, one entitled "The Consciousness Gap in Education: An Equity Imperative" and another entitled "Teach Kids to Be Eagles: Overcoming Educational Storms." She is an editor and contributing author of *Contesting the Myth of a 'Post Racial Era': The Continued Significance of Race in U. S. Education* (2013). Her work has been published in top-tier journals such as, *Harvard Educational Review*, *Teachers College Record*, *Journal of Negro Education*, and *Anthropology & Education Quarterly*.

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