

# **Nicole M. Joseph**

**Assistant Professor, Mathematics Education Teaching and Learning at Vanderbilt University**  
Nashville, TN, US

An expert in the barriers that Black women and girls face in the STEM field and STEM classroom.

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## **Biography**

Nicole M. Joseph is the founder of the Tennessee March for Black Women in STEM, an event held every fall which seeks to bring together the Tennessee community to raise awareness of the gendered racism, Black women and girls experience in STEM. Her research explores two lines of inquiry, (a) Black women and girls, their identity development, and their experiences in mathematics (b) Whiteness, White Supremacy and how it operates and shapes underrepresentation of Black women and girls in mathematics. Her work has been supported by the National Science Foundation and the National Academy of Education/Spencer. Her research has been featured in top-tier journals and she co-edited the book "Interrogating Whiteness and Relinquishing Power: White Faculty's Commitment to Racial Consciousness in the Classroom" (Peter Lang Publishing). Her forthcoming book is "Mathematizing Feminism: Black Girls' and Women's Experiences in the P-20 Mathematics Pipelines" (Harvard Education Press).

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## **Areas of Expertise**

Identity Development, White Supremacy, Gifted Education, Gender in Education, K-12 Education, Stem Careers, Black Women and Girls in STEM, Black Women and Girls in Mathematics, Mathematics, Black Girls and Schooling, Racism, Gifted Learners, Institutional Racism

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## **Education**

**University of Washington**  
Ph.D.

**Pacific Oaks College Northwest**  
M.A.

**Seattle University**  
B.A.

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## **Accomplishments**

**Charles A. Dana Center Mathematics Pathways**  
Leadership Fellow

**Charles A. Dana Center Convening at U of Texas Austin**  
**Equity in Mathematics Pathways**

**American Education Research Association Scholars of Color Contribution**  
**Early Career Award**

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