

# Critical Research on Sexism and Racism in STEM Fields

Part of the Advances in Religious and Cultural Studies Book Series

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## Description:

Despite a higher percentage of women entering various STEM fields, issues of discrimination and stereotyping continue to exist. These difficulties create a potential hostile environment and a noticeable gap in opportunities, advancements, and compensation increases in comparison to their male counterparts.

**Critical Research on Sexism and Racism in STEM Fields** investigates the bias, stereotyping, and repression experienced by women within STEM-based career fields. Emphasizes the struggle felt by women within politics, education systems, business environments, STEM careers, as well as issues with advocacy and leadership.

## Readers:

This publication benefits professionals, social activists, researchers, academics, managers, and practitioners interested in the institutionalized discrimination and prejudice women encounter in various fields.

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## Topics Covered:

- Economics and STEM
- Gender Bias
- Male Domination
- Professional Organizations
- Representation Issues
- Role Modeling
- STEM Environments
- Stereotyping

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Ursula Thomas is the Director of Field Experience and Assessment at Georgia Perimeter College. Her research agenda includes issues of cultural mediation and its effects on instructional choices, the power of teacher educator research on diversity in the classroom, views of social justice in the early childhood classroom, and preservice teachers' disposition on professionalism and diversity in teacher preparation programs. Dr. Thomas's research has resulted in more than 30 publications in journals, book chapters, and conference proceedings. She is the editor of "Culture or chaos in the village: The journey to cultural fluency" (2011).

Jill Drake is a mathematics education professor at the University of West Georgia in Carrollton, Georgia. Dr. Drake has served the mathematics education community as a teacher, professor, and consultant for the past 25 years.