



CREATE for STEM Institute *welcomes*

Dr. Allison Scott

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NOVEMBER 30, 2022, 12:00-1:15PM, 115 ERICKSON HALL

Zoom registration: https://msu.zoom.us/webinar/register/WN_kbrvvhCETpaIJQreNv9JgA

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Expanding Equity and Justice in Computer Science Education: Existing Challenges and New Opportunities

Abstract: Despite the critical role of computer science (CS) education, significant gaps in access and equity persist, and CS education faces critical questions: What is the purpose of CS education? What role does ethics and justice play in the teaching and learning of computer science? How does CS education exist within the larger sociopolitical context? This presentation will examine the current landscape of equity in CS education, highlight promising new initiatives, and prompt us to think collectively about how we might envision a new path for computer science that centers equity and justice and creates a more equitable future for the field, for the technology sector, and for our nation.

Bio: Dr. Allison Scott is the CEO of the Kapor Foundation, part of the Kapor Center family of organizations, aiming to increase racial diversity in tech and entrepreneurship, so that the promise and potential of technology can be harnessed to create a more equitable future. At the Foundation, Dr. Scott leads a team which: (a) conducts research on barriers and solutions to racial inequality in tech, (b) operates programs advancing equity in CS education and the tech workforce, and (c) strategically partners with organizations advancing practices and policies to expand racial equity in technology.



Dr. Scott is currently a Principal Investigator on multiple national grants to expand equity in computer science education and increase participation of women of color across the computing pipeline and in her previous role as the Chief Research Officer, authored foundational research on disparities in tech, inequity in CS education, and interventions to improve STEM education outcomes for students of color. Previous positions included: Chief Research Officer at the Kapor Center; Program Leader for the National Institutes of Health's Enhancing the Diversity of the Biomedical Workforce Initiative; Director of Research and Evaluation for the Level Playing Field Institute, and Data Analyst for the Education Trust-West. Dr. Scott holds a Ph.D. in Education from the University of California, Berkeley and a Bachelor's degree in Psychology from Hampton University.