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4-27-2022

# Equity & Social Justice in Mathematics Education with Eva Thanheiser

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## Repository Citation

Thanheiser, Eva, "Equity & Social Justice in Mathematics Education with Eva Thanheiser" (2022).

*PDXPLORES Podcast*. 1.

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# Equity & Social Justice in Mathematics Education with Eva Thanheiser

Welcome to PDX PLORES, a Portland state research podcast, featuring scholarship innovations and discoveries, pushing the boundaries of knowledge practice and what is possible for the benefit of our communities and the world.

Hi, my name is Eva Thanheiser. I'm a professor of Mathematics Education in the Mathematics department at Portland State University, and I'm honored to receive the CLAS researcher of the year 2022. Mathematics education in the United States is steeped in a racist system that has historically served some populations better than others. This has resulted in over-representation of minority students in remedial mathematics and their under-representation in advanced math courses, thus limiting access to STEM. My work focuses on collaborating with teachers, students, parents, and community members to develop and implement anti-biased mathematics education that allows students to connect mathematics to their world.

Currently, we're working on three projects. The first one is working with teachers at a local elementary school to develop and implement mathematics tasks that allow students to learn both mathematics and about the world. In a second project, we're working on implementing anti-biased mathematics across the K-12 spectrum by attending to intersectional identities and focusing on how to build under the brilliance of all children in the class. And in a third project, I'm working on at PSU. I'm examining how minoritized faculty in STEM experience being faculty at PSU and how to enhance their sense of belonging. My name is Eva Thanheiser and my research focuses on addressing systemic inequities across the K-12 systems and the university levels.