

Dr. Liu - Projects

Reducing Inequalities in Opportunities to Learn Mathematics through Adaptive Teacher Professional Development. 2023 Postdoc.

Dr. Liu Joined Dr. Rossella Santagata's research team in 2023 as a postdoctoral researcher associate to promote social justice through transforming mathematics education in Elementary schools.

<https://wtgrantfoundation.org/grants/reducing-inequalities-in-opportunities-to-learn-mathematics-through-adaptive-teacher-professional-development>

Reducing Inequalities in Math Learning (Postdoc Project, 2023)

“At the heart of Dr. Liu's work is a commitment to making math learning more fair and meaningful for every child.

In her recent project, she worked alongside teachers in elementary classrooms—observing lessons, offering support, and helping educators better understand how students think about math.

Using a thoughtful approach called Cognitively Guided Instruction, Dr. Liu focused on making sure teaching connects with children's ideas, experiences, and cultural backgrounds.

The goal? To reduce inequality—and help all students see themselves as capable, confident math learners.”