

Presenter: Uri Treisman

Title: The Equity-Minded Design of Introductory Mathematics Courses:
New Approaches to Perennial Instructional Problems

Abstract: My teaching partner, Erica Winterer, and I will describe our current instructional work, which is designed to welcome newcomers to the social world of mathematics and to support their successful pursuit of the discipline. We'll share the research and professional practices that have inspired our work as well as strategies that we suspect have the most promise for introductory quantitative literacy courses. Finally, we'll share documentary evidence of the influence of our practices on the academic and social lives of our students. This is a talk about practice. It may be a bit messy.

Bio: Philip Uri Treisman is a University Distinguished Teaching Professor, professor of mathematics, and professor of public affairs at The University of Texas at Austin. He is the founder and executive director of the University's Charles A. Dana Center, an organized research unit of the College of Natural Sciences.

He is active in the leadership of many organizations dedicated to the improvement of mathematics education. He received the 2016 Mathematics Excellence Award from AMATYC and the 2019 Yueh-Gin Gung and Dr. Charles Y. Hu Award for Distinguished Service to Mathematics from the Mathematical Association of America.

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