



MAA MATHFEST

TAMPA

FLORIDA

AUGUST 2-5, 2023

TPSE MATH SESSIONS:

CONTRIBUTED PAPER SESSION

THURSDAY, AUGUST 3, 8:00 A.M. - 10:35 A.M. ROOM 120

IMPROVING DEI IN DEPARTMENTS & PROGRAMS: EXAMPLES & CASE STUDIES

Given the role of mathematical sciences in educating essentially all students who enter higher education and its status as a significant impediment to retention and college completion, colleges and universities will never fully improve diversity, equity, and inclusion (DEI) unless they are addressed in mathematics and statistics. In this session, presenters will discuss policies and practices that have been successful at building diverse and inclusive environments.

ORGANIZERS: MICHAEL DORFF, TPSE MATH & BRIGHAM YOUNG UNIVERSITY | ABBE HERZIG, TPSE MATH

MINICOURSE

PART A: THURSDAY, AUGUST 3, 3:00 P.M. - 5:00 P.M. ROOM 105

PART B: SATURDAY, AUGUST 5, 10:00 A.M. - 12:00 P.M. ROOM 105

AN INTRODUCTION TO BECOMING A MATH JEDI (JUSTICE, EQUITY, DIVERSITY & INCLUSION)

Making the mathematical and statistical sciences communities more inclusive requires their members to understand why and how to bring about improvements in justice, equity, diversity, and inclusion (JEDI) in their workplaces. They can then become JEDI resources in their departments, institutions, and disciplines; and at other institutions as they serve as external program reviewers, and for programs such as those funded by workforce grants. This minicourse will interactively explore topics related to JEDI including (1) diving deeply into the necessity and viability of attending to JEDI issues in mathematical and statistical sciences classrooms, departments, and other spaces, (2) examining promising and successful policies, practices, and programs or their components that foster diversity and inclusion, and (3) exploring examples of potential initiatives that math and stats departments could begin to help improve their JEDI efforts.

ORGANIZERS: ARIS WINGER, GEORGIA GWINNETT COLLEGE | ABBE HERZIG, TPSE MATH | MICHAEL DORFF, TPSE MATH & BRIGHAM YOUNG UNIVERSITY