



2023
**RESEARCH
CONFERENCE**
October 24–25, Washington, DC

Linking Research and Practice



About The Event

The 2023 NCTM Research Conference brings the research community together to share, build on collective research, and support each other as we work to inform mathematics pedagogy and practice.

NCTM is committed to ensuring that our events are fully accessible to all persons. Visit our [Accessibility & Inclusion](#) section for more details.

This is a "paper-light" event. No program book will be distributed and there will be limited onsite handouts.

When

Tuesday and
Wednesday
October 24-25, 2023
8:00 AM–5:00 PM ET

Where

Day 1–Tuesday, October 24

Washington Marriott
at Metro Center
775 12th St NW
Washington, DC
20005

Day 2–Wednesday, October 25

Walter E. Washington
Convention Center
801 Mount Vernon
Pl., NW
Washington, DC
20001

Schedule

Understanding the Interplay Between Perceptions Mathematical Memes and Beliefs about the Nature Mathematics

ABSTRACT

No Response

- TOPICS
- Content and Categorical Domains (Select at least 1): Access, equity, and empowerment
 - Setting (Select at least 1): High school / Secondary
 - Setting (Select at least 1): Higher education
 - Setting (Select at least 1): Teacher Education
 - Methodology (Select at least 1): Mixed Methods

PRESENTER

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- AUTHORS
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MORE IN THIS SESSION

Oral

Research in Progress - Topics Vary

1:00pm - 2:15pm

Tuesday, 24 October 2023

DESCRIPTION

1:00 - 1:30

Table 1 - "A Computer-based Universal Screener and Diagnostic Assessment for K–3 Math"

Table 2 - "What's the Meme-ing: An Investigation of Social Media and Mathematical Identity"

Table 3 - "Engaging Elementary Prospective Teachers' in Ethnomodeling Explorations"

Table 4 - "Narrative Mathematical Identities of Black Women Mathematics Paraeducators"

1:30 - 2:00

Table 1 - Vacant

Table 2 - "Understanding the Interplay Between Perceptions of Internet Mathematical Memes and Beliefs about the Nature of Mathematics"

Table 3 - "Integrating Ethnomathematics in the Curriculum - Research and Practice"

Table 4 - "Cultivating Positive Mathematical Identities through Inter-Institutional Research"

2:00 - 2:15

Discussions, Q&A

[View Session](#)

Connect with thousands of mathematics education professionals at the **NCTM 2023 Annual Meeting & Exposition**—October 25-28 in Washington, DC. As an attendee, you'll discover opportunities, technologies, and creative ideas that are working in classrooms around the country.

Don't miss this inspiring opportunity to change individually, bring change back to your school, and build deeper connections in your larger community. This year's conference will help guide your path with a new presentation format—A Practice Session—focused on putting the ideas that are learned into practice, and extend the focus beyond the classroom to include ideas from the Catalyzing Change series and conversations with American Lawmakers.



Here are just a few of the reasons you will want to attend:

- Inspiring education sessions from leading mathematics educators
- Expert keynote speakers and leaders in mathematics education
- Networking, games, giveaways and great ideas
- New advances, technologies, and ideas on display in our [exhibit hall](#)

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When

Wednesday to Saturday
October 25-28, 2023

Where

Walter E. Washington Convention Center
801 Mount Vernon Pl., NW
Washington, DC 20001

HQ Hotel

Marriott Marquis Washington
901 Massachusetts Ave NW,
Washington, DC

[Stay Updated](#)

JUSTIFICATION TOOLKIT

What Mathematics Do Students Need for College? A Data-Informed Discussion

Thu, 10/26: 9:30 AM - 10:30 AM

62

Session

60 Minutes

DC Convention Center

Room: 101

Description

Educators often lack clarity on the mathematical needs of students going to college, especially those not planning on a mathematics-intensive career. In this session, we will use data from a survey of university faculty from different disciplines to explore priorities in mathematical and statistical content and practices for those students.

Lead Speaker

W Gary Martin, Auburn University

Co-Speaker(s)

Jim Gleason, The University of Alabama

Mariya Rosenhammer, St. Anne-Pacelli

Audience

10 to 12

Session Content Level

Introduction to the Topic

Topics

Challenging and Advancing Policy and Structures in Mathematics Education

We Need More Math Teachers! Repairing the Reputation of the Teaching Profession

Thu, 10/26: 1:00 PM - 2:00 PM

149

Session

60 Minutes

Marriott

Room: Liberty Ballroom N-P

Description

The United States faces a serious shortage of mathematics teachers, due in part to an inaccurate narrative about the profession. This session addresses common misperceptions using data about salary, benefits, diversity, and career satisfaction developed by Get the Facts Out, a national project encompassing multiple STEM organizations.

Lead Speaker

Jean S Lee, University of Indianapolis

Co-Speaker(s)

W Gary Martin, Auburn University

Glenn Waddell, University of Nevada, Reno

Audience

Higher Education

Session Content Level

Introduction to the Topic

Topics

Uplifting and Inspiring the Mathematics Educator