Wednesday, August 2

5:00 - 6:15 am, Ballroom B/C
MAA Prize Session
7:30 - 8:30 pm, Exhibit Hall
Prizes and Awards Meet & Greet
Both sessions to include recognition of this year's recipient of the [Gung & Hu Award for Distinguished Service to Mathematics](), Dr. Victor J. Katz.

Thursday, August 3

9:00 - 9:50 am, Ballroom B/C
MAA/AMS Invited Address
Oswald Veblen: Success through Collaboration
Sloan Evans Despeaux, Western Carolina University

Abstract: *Oswald Veblen (1880–1960) made important contributions to mathematics in America as a mathematical researcher, architect, advocate, and diplomat. Collaboration played a central role in these successful initiatives. Following Veblen's lead, in December 2022, a group of historians of mathematics and mathematicians met for a week to organize a collaborative historical study of Veblen's life. This talk explores some of the collaborations in Veblen's career and some of the collaborative projects that grew out of that workshop.*

10:45 am - 12:00 pm, West Hall (Exhibit Hall)
An Invitation to Mathematical Physics and Its History
Jont Allen, *University of Illinois*

Counting and Calculating in Medieval Europe
Chuck Lindsey, *Florida Gulf Coast University*
  Both posters are part of the **MAA Contributed Poster Session**.

2:00 - 3:00 pm, MAA Pavilion (West Hall)
Trivia Event, with questions focused on the history of mathematics, and mathematical connections to the Sunshine State.
  Organizers: Ximena Catepillán, Abe Edwards, Greg Coxson
  Sponsors: Committee on Undergraduate Student Programming (CUSP), HOM SIGMAA

2:00 - 3:20 pm, Room 122/123
Panel: The Art of Publishing in MAA Journals
  Organizers: Tom Edgars and Della Dumbaugh
  Panelists: Amy Ackerberg-Hastings, *Convergence*
      … and editors of other MAA periodicals

Thursday, August 3 (continued)

5:00 - 6:20 pm, Room 103/104
TRIUMPHS Workshop
Inspiring Great Classroom Discussions by Teaching with Primary Historical Sources
  Organizers: Janet Heine Barnett, Abe Edwards, Dominic Klyve, Daniel E. Otero
  Sponsor: HOM SIGMAA

Friday, August 4

8:00 - 9:15 am, Room 121
TCPS:[1] Ethnomathematics: Culture Meets Mathematics in the Classroom
  Organizers: Ximena Catepillán, Cynthia Huffman, Amy Shell-Gellasch
  Sponsor: HOM SIGMAA

Session Abstract: *This session features talks tat present research in Ethnomathematics with a focus on incorporating Ethnomathematics in teaching. Ethnomathematics presents opportunities for increased emphasis on inclusion and diversity at colleges and universities. Ideas and innovations in Ethnomathematics for its use in teaching are welcome.*

8:00 - 8:15 am
Ancient Greek Recognition of Universal Levels of Assessment such as Mastery of Division
Ann von Mehren, *Shelby County Schools, Memphis*

8:20 - 8:35 am
Merging Cultural Components in My Math Teaching by Project-Based Learning Method
Lina Wu, *Borough of Manhattan Community College-The City University of New York*

8:40 - 8:55 am
Kolams in Graph Theory: A Student Research Project in Southern Indian Ritual Art
Elizabeth Donovan, *Murray State University*, Nathan Hartmann, *Murray State University*

9:00 - 9:15 am
Symmetry in the Artwork of Early Indigenous North American Cultures
Cynthia Huffman, *Pittsburg State University*

10:20 - 10:35 am, Room 117
Reading the Masters: A Primary Source Project Approach to Learning Analysis and Abstract Algebra
Janet Heine Barnett, *Colorado State University Pueblo*
  This talk is part of the TCPS "Analysis and Algebra: Convincing Students They Can Do It"

[Friday afternoon begins on next page.]

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[1] TCPS = Themed Contributed Paper Session

1:40 - 1:55 pm, Room 121

Debating Infinitesimals: Transgressing Mathematical Boundaries Through a Classroom Activity Utilizing Primary Historical Sources

Kathleen M. Clark, *Florida State University,*
Mark Watford, *Florida State University*

This talk is part of the TCPS "Research on Undergraduate Mathematics Education."

3:00 - 3:15 pm, Room 105

Historical Developments of the Laplace Transform

Adam Parker, *Wittenberg University*

This talk is part of the TCPS "Teaching and Learning of Differential Equations."

3:00 - 4:20 pm, Ballroom B & C

Alder Awards Session

The order of the three talks in this special invited session is not yet known, but one of the three will be:

Nurturing Students' Mathematical Discourse by Teaching with Primary Source Projects

Abe Edwards, *Michigan State University*

4:00-6:00 pm, Ballroom A

Invited Paper Session

Mathematics is Not Done in a Vacuum: Collaborations in the History of Mathematics

Organizer: Sloan Evans Despeaux

Session Abstract: *This invited paper session will feature talks on collaborations. In particular, the talks will focus on collaborations by mathematicians of the past and present-day collaborations by historians of mathematics who study the past. This session will explore the benefits and special challenges that collaborations can bring.*

4:00 - 4:20 pm

Collaboration in Ancient and Medieval Times

Victor Katz, *University of the District of Columbia*

4:30 - 4:50 pm

Editorial and Epistolary Collaborations Among Mathematicians

Janet Heine Barnett, *CSU Pueblo*

5:00 p.m. - 5:20 p.m.

Beginnings: How to Start–and Sustain–a Mathematics Initiative

Della Dumbaugh, *University of Richmond*

5:30 p.m. - 5:50 p.m.

Collaboration Typologies in 19th-century American Mathematics Textbook Series

Amy Ackerberg-Hastings, *MAA Convergence*

6:00 - 7:30 pm, Ballroom A

HOM SIGMAA Business Meeting & Annual Lecture

Annual Lecture: Expect the Unexpected: Pioneers Who Promoted Women in Math and Science

Della Dumbaugh, *University of Richmond*

Abstract: How did a department store magnate and a playwright advance American mathematics and science–and women in these male dominated fields in particular? This talk will explore the lives of Caroline Bamberger Fuld and Clare Booth Luce as we examine the surprising range of personalities that influenced the development of mathematics and science in America in the twentieth century.

Saturday, August 5

8:00 – 8:50 am, Room 122/123

Town Hall: What is a History of Mathematics Course For?

Organizers: Gregory McColm, Fernando Burgos, Fernando Gouvêa, Mile Krajcevsky, Ruthmae Sears

Session Description: *The increasing need for mathematics education raises the question of history of mathematics. Should such courses serve the mathematics, mathematics education, or other program? Are they mathematics courses, history courses, or some kind of hybrid–and if so, what kind? The panel will start a discussion that the audience will be invited to join.*

9:00 – 10:20 am, Room 122/123

Panel: The Convergence of History and Pedagogy in Mathematics

Organizers: Amy Ackerberg-Hastings, Janet H. Barnett
Panelists: Kathleen M. Clark, Abe Edwards, Dominic Klyve, Danny Otero
Sponsor: MAA *Convergence*

Session Description: *Researchers and educators have long proposed that history can be used to create learning opportunities that support student mathematical learning in various ways. This panel of experts in the art of wedding historical research with effective pedagogy will lead a discussion of recent developments in the use of history to teach mathematics and the field's future prospects and needs.*

3:00-5:00 pm, Room 103/104

Read the Masters! Cauchy's Limits

Organizer: Daniel E. Otero
Sponsors: HOM SIGMAA, ORESME, Arithmos, The Euler Society, TRIUMPHS

Session Description: *All participants at this session will join in reading together, in small groups, from Cauchy's 1823 lecture notes, wherein he first introduced the notion of a limit to provide definitions for continuity of a function and the derivative. A brief talk to place these readings in context will open the session, and a general open discussion will close it.*