Schedule Overview and Friday Details

All events are held in Buildings 1000 and 4000, unless otherwise noted

FRIDAY NIGHT	
3:45-4:45	**On-site registration**: **Building 4000 HLC4**
4:45-5:30	**Reception** (light refreshments): **Building 4000 HLC4**
5:45-6:00	**Welcome** by Eric Gaze (NNN President) and Conference Co-Hosts: **Room 2000**
6:00-7:00	**Keynote:** "The Equity-Minded Design of Introductory Mathematics Courses: New Approaches to Perennial Instructional Problems" by Uri Treisman
7:00-9:00	**Dinner** (Paid attendees only)

SATURDAY MORNING SESSIONS	
8:00-9:00	**Light refreshments: Building 1000 HLC1**
9:00-10:00	**First session**: Rooms 2101, 2102, 2104 and 2105
10:15-11:15	**Second session**: Rooms 2101, 2102, 2104 and 2105
11:30-12:30	**Third session:** Rooms 2101, 2102, 2104 and 2105
12:45-2:00	**Lunch** (included with registration):

SATURDAY AFTERNOON SESSIONS	
2:15-3:15	**First session**: **Building 1000 HLC1** Rooms 2101, 2102, 2104 and 2105
3:30-4:30	**Second session**: **Building 1000 HLC1** Rooms 2101, 2102, 2104 and 2105

SATURDAY AFTERNOON KEYNOTE: Building 4000 HLC4 Room 2000	
4:45-5:30	**Keynote**: "Data acumen and data numeracy: helping students extract meaning from data" by Nicholas Horton

SUNDAY SESSIONS	
9:00-10:00	**Light refreshments: Building 1000 HLC1**
10:00-11:00	**First session**: Rooms 2101, 2102, 2104 and 2105
11:15-12:15	**Second session**: Rooms 2101, 2102, 2104 and 2105
1:00-2:30	**NNN Board Meeting (Open to all) Building 1000 HLC1** Room 2104

FRIDAY AFTERNOON And EVENING	
3:45-4:45	**On-site registration**: **Building 4000 HLC4**
4:45-5:30	**Reception** (light refreshments): **Building 4000 HLC4**
	Keynote Address #1 and Discussion: Building 4000 HLC4 Room 2000
5:45-6:00	**Welcome** by Eric Gaze (NNN President)
6:00-7:00	"The Equity-Minded Design of Introductory Mathematics Courses: New Approaches to Perennial Instructional Problems" by Uri Treisman, UT Austin, University Distinguished Teaching Professor, professor of mathematics, and professor of public affairs. He is the founder and executive director of the University's Charles A. Dana Center.
7:00-9:00	**Dinner** (Paid dinner attendees only; not part of conference registration fee)

SATURDAY MORNING	
8:00-9:00	**Light refreshments: Building 1000 HLC1**

	Facilitated Session #1: Building 1000 HLC1 Room 2104	
9:00-10:00	Rhetorical Numbers: Using Quantitative Evidence in Writing and Argumentation Eric Gaze, Bowdoin College NNN President	
	Presentation: Room 2105	
9:00-9:30	How to Write papers for *Numeracy*: The Editor's Perspective (Repeated at 2:45 pm) Nathan Grawe, *Numeracy* Editor. Carleton College	
	Paper Presentation: Room 2101	**Paper Presentation: Room 2102**
9:30-10:00	Necessary Competencies for an Effective QR Course Nadia Benakli and Estela Rojas, New York City College of Technology	Quantitative Reasoning for a Fair Society: Recovering Paulo Freire's approach to teach QL/QR for students of the underserved communities Marcelo Paixão, UT Austin

	Facilitated Session #2: Building 1000 HLC1 Room 2104	
10:15-11:15	Present at Creation: Integrating QL/QR Concepts into the Curriculum for a New High School Jason Makansi, Pearl Street	
	Paper Presentations: Room 2101	**Paper Presentations: Room 2102**
10:15-10:45	Quantifying Spatial Data Numeracy: Designing a Map Assessment and Rubric Alisa Rod, Barnard College et al.	Problem Task Framework for Quantitative Literacy and STEM Education Kathryn Knowles, MSU
10:45-11:15	Expanding Access to Relevant Quantitative Reasoning Courses Connie Richardson, UT Austin Eric Gaze, Bowdain	Teaching QL/QR to students in non-quantitative majors Bernd Rossa, Xavier

	Facilitated Session #3: Building 1000 HLC1 Room 2104	
11:30-12:30	Deterministic Thinking and the Replication Crisis Vince Melfi, John Keane, and Camille Fairbourn, Michigan State University	
	Paper Presentations: Room 2101	**Paper Presentations: Room 2102**
11:30-12:00	Collaborating with the math department to determine the most appropriate math course for your program Joan Zoellner, UT Austin	Logic and Literacy: Connecting Q/L with Traditional Literacy and Changing the Conversation about Math Jordan White, UMBC
12:00-12:30	What does numeracy for STEM students look like? Frank Savina, UT Austin	Quantitative Reasoning Corequisites: Merging Content with Activity-Based Courses Carolynn Reed, Colleen Hosking, Austin Community College

SATURDAY AFTERNOON	
12:45-2:00	**Lunch**, and brief remarks from Eric Gaze and Nathan Grawe:

	Facilitated Session #4: Building 1000 HLC1 Room 2104	
2:15-3:15	Teaching Mathematical Modelling in QL/QR Courses Erin Kiley, Mass College of the Liberal Arts	
	Paper Presentation: Room 2101	**Paper Presentation: Room 2102**
2:15-2:45	Corequisite Q/R: The Ideal Mathematics Class for Developmental Students on the Non-STEM Pathway? Sarah Hildebrand, Midland College	Detecting Privilege in Competence Differences: Self-Assessed vs. Demonstrated [Shortened] Ed Nuhfer, University of Wyoming Paul Walter, St. Edward's University
	Presentation: Room 2105	
2:45-3:15	How to Write papers for *Numeracy*: The Editor's Perspective (Repeat of 9:00 am) Nathan Grawe, *Numeracy* Editor. Carleton College	

	Facilitated Session #5: Building 1000 HLC1 Room 2104	
3:30-4:30	Data Visualization Options: A hands-on exploration (Tableau) Anne Yust, Eugene Lang College for the Liberal Arts, The New School	
	Paper Presentations: Room 2101	**Paper Presentations: Room 2102**
3:30-4:00	Effects of a Standards-based Teaching Method on Students' Learning in Introductory Statistics Erik Erhardt, Woong Lim UNM	Accelerating Student Gateway Course Completion at a Massachusetts State University Eileen Perez, Hanson To, Worcester State University
4:00-4:30	The Complex Interplay Between Attitudes, Anxiety, Effort, and Skills on QR Assessments: Implications for Equity and Inclusion in STEM Kate Follette, Amherst College	Making QR Accessible to All Students: A QR Course Sequence Designed for Non-STEM Majors Chelsie Balli, Biola University

	Keynote Address #2 and Discussion: Building 4000 HLC4 Room 2000
4:45-5:30	**Data acumen and data numeracy: helping students extract meaning from data** Nicholas Horton, Beitzel Professor of Technology and Society (Statistics and Data Science) at Amherst College. He is a fellow of the American Statistical Association and of the American Association for the Advancement of Science.

SUNDAY MORNING	
9:00-10:00	**Light refreshments: Building 1000 HLC1**

	Facilitated Session #6: Building 1000 HLC1 Room 2104	
10:15-11:15	Statistical Literacy as Quantitative Rhetoric Milo Schield, Augsburg College NNN VP	
	Paper Presentations: Room 2101	**Paper Presentations: Room 2102**
10:15-10:45	How Can Walt Whitman Improve Quantitative Reasoning? Debra Bourdeau, Beverly Wood Embry Riddle Aeronautical University	
10:45-11:15	Alignment Between Learning Objectives and Assessments in a Quantitative Literacy Course Younggon Bae, UT Rio Grande Luke Tunstall, Trinity University Kathryn Knowles, Rebecca Matz MSU	Numeracy as a Critical Component in Bridging the K-12 to College Transition Sharona Krinsky, Cal State Robert Bosley, LA Unified School District

	Facilitated Session #7: Building 1000 HLC1 Room 2104	
11:30-12:30	Data Literacy: #s for the Professions Marc Isaacson, Augsburg College NNN Sec/Treasurer	
	Paper Presentations:	**Paper Presentations: Room 2102**
11:30-12:00		A New General-Ed Math Course: Combining Mathematical & Computational Thinking to Produce Visual Art Betty Love, Michelle Friend, Michael Mathews, and Victor Winter, U. Nebraska at Omaha
	Paper Presentation: Room 2105	
12:00-12:30	Honors Contemporary Math: Math and Politics Conrad Miller, Austin Community College	

SUNDAY AFTERNOON	
	NNN Board Meeting, OPEN TO ALL ATTENDEES **Building 1000 HLC1** Room 2104
1:00-2:30	Acknowledgements: Eric Gaze, President Treasurer's Report: Marc Isaacson, Secretary/Treasurer Marketing/Web Report: Milo Schield, VP Business: Old and New: Eric Gaze, President