



THE NATIONAL NUMERACY NETWORK

*You are cordially invited to attend the 2022-2023 annual meeting,
hosted by the
University of New Mexico, October 21-23, 2022*

Keynote Presentations:

Dr. Lawrence Lesser: “Aligning Goals to Audience: Context for a Statistical Literacy Course”



What is statistical literacy and how does its goals serve students in a non-majors course such as University of New Mexico’s MATH 1300, initiated by Dr. Milo Schield in fall 2021? How do the goals of MATH 1300 differ from a typical introductory statistics (or math) course and how do those goals inform the student learning objectives and assessments? We will discuss the motivation and implementation of this innovative course.

Professor Lesser is a statistics education researcher in the Mathematical Sciences Department of The University of Texas at El Paso. His teaching and scholarship have yielded awards within and beyond his discipline, including state (UT ROTA; Piper), regional (MAA), and national levels (e.g., last year’s winner of the ASA’s Waller Distinguished Teaching Career Award). His research, textbook writing, and NSF grants have been informed by his decades of teaching statistics and statistics literacy classes as well as 3 years directing UTEP’s teaching center. An extensive interview about his career is in the March 2020 Journal of Statistics Education.

Dr. Selena Fisk: “Tapping into the ‘Not-Numbers-People’”



This keynote explores the context of data in our current landscape, and the importance of everyone knowing the numbers and being able to engage in data conversations. Selena unpacks the three key elements of the effective use of data: data literacy, data visualisation, and data storytelling, then talks about ways we build skill in people who don't feel that using numbers is in their wheelhouse.

Dr. Selena Fisk is a data coach and storyteller who works with educators on ways to implement data in the classroom, as well as companies looking to make data decisions.

Dr. Fisk is the author of many books including *I’m Not a Numbers Person: How to make good decisions in a data-rich world* which was published in 2022. Other publications include *Leading Data-Informed Change in schools*, 2021, and *Using and Analysing Data in Australian Schools: Why, How and What?*, 2022.

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