



The Math/Stats Colloquium
Department of Mathematics and Statistics
San José State University



Trisha Bergthold, John Bragelman, and
Wes Maciejewski (SJSU)

*Engaging Underprepared University Students in
Rigorous Mathematics: The Story of Math 1*

OCTOBER 2, 2019, MH320

Abstract: Underprepared students can excel at math, given appropriate support and structure. Since Fall 2018, SJSU has been teaching Math 1 (Mathematical Reasoning) as an entry-level course in the calculus track. This is the story of how that course came to be and what we've learned along the way. We will describe the design and intentions behind Math 1, outline a typical day's activities, share the results of analyses of course outcomes, and sketch out future directions.

Background: No particular background necessary.

About the speakers: Wes Maciejewski is an assistant professor in SJSU Math/Stats working in postsecondary mathematics education.

John Bragelman is an SJSU Math/Stats postdoc with interests in students' development of mathematics identity and development of pedagogical skills needed for ambitious teaching.

Trisha Bergthold received her Ph.D. from U. Oklahoma, and is an SJSU Math/Stats lecturer with interests in mathematics curriculum design and students' progress in problem-solving.

SNACKS IN MH331B AT 2:30 PM

TALK STARTS AT 3:00 PM

For more information, see our full schedule at:

<http://www.timhsu.net/colloq/>