



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



Wes Maciejewski

SJSU

Procedural Flexibility

APRIL 22, 2020, VIA ZOOM

Abstract: Flexibility with procedural knowledge is being able to i) recognize that any procedural mathematics problem can be solved in numerous ways, and ii) pick the best way to solve the task at hand. Researchers increasingly recognize that greater procedural flexibility supports deeper conceptual knowledge for students. Therefore, teaching for flexibility ought to be a focus of mathematics education at all levels. I will present on what “flexibility” is, how it might be developed, and how we might know it when we see it.

Background: Basic freshman math.

About the speaker: Wes Maciejewski is an Assistant Professor in the Department of Mathematics and Statistics at SJSU. He has a Ph.D. in mathematics, with a focus on evolutionary game theory, and spends most of his time thinking about education.

COLLOQUIUM BROADCAST VIA ZOOM, 3PM PACIFIC/6PM EASTERN
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For more information, see our full schedule at:

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