Mathematics Education Seminar
Texas State University

Things that I learned at NSF and that I am allowed to share
[credited to Dr. Strickland]

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ABSTRACT
After serving as a Program Director during 2018-2019 at the National Science Foundation, there are many things I learned that I would like to share with the Mathematics Education Seminar community. I will start by giving an overview of the agency, then I will focus on the programs in the Division of Research on Learning (DRL) as venues for potential funding. Next, I will describe the process of managing proposals after submission, including Merit Review Criteria, common reasons proposals do not get funded, and surprising facts about NSF/DRL that I am allowed to share. I will end the presentation with a summary of the document entitled ‘STEM Education for the Future – 2020 Visioning Report.’

M. Alejandra Sorto received her Ph.D. from Michigan State University in 2004 in Mathematics Education. She is interested in developing instruments to measure content knowledge for teaching, teaching quality and analyzing its effect on student achievement. She has worked with governments of South Africa, Chile, Peru, Dominican Republic, Honduras, and Guatemala to help improve the preparation of teachers in mathematics and develop educational standards. In 2011, the National Science Foundation (NSF) awarded her a CAREER research grant to investigate the Mathematics instruction of English language learners in the state of Texas,