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Sara L. Solhjem* (sara.solhjem@ndsu.edu). *Math anxiety and its relationship to gender and genetics.*

How many times have you heard someone say, “Well my dad is bad at math, and so am I”. Or “I hate math”? Have you thought about why there are a lot more males in engineering math classes than in basic math classes? This talk will explore math anxiety and if there is a relationship to gender or genetics or is it all environmental. We will explore the data collected from a small sample set to see if there is a potential for any case. My research also looked at the area of gender bias to see if there is some environmental connection along with a possible genetic connection. (Received February 22, 2016)