



## Department of Mathematics and Statistics

### COLLOQUIUM

**Tuesday, March 28<sup>th</sup>, 2017**

4:00 – 5:00 pm, Adel Mathematics Bldg., Room 164  
(refreshments at 3:45)

**Bianca Luedeker**

NAU

**Abstract:** In the past, as evidenced by the website, our department used to host Sonia Kovalevsky Day. The goal of this event was to motivate and increase support for female high school students who showed interest in mathematics and engineering. The last time the department hosted this event was May 2, 2009. I am currently working on a presentation to give to middle school and high school girls to replace this event. I will give the presentation I have prepared and ask for feedback on how to improve it. During the talk, I will also show pictures from the Women's March in Washington that I attended on inauguration weekend.

Algebra Combinatorics Geometry and Topology (ACGT) Seminar meets every Tuesday, 12:45 – 1:45 pm, AMB 146.

**Permutations with triple inversions and volume under 3D lattice paths**

**Speaker:** Julie Baum and Krista Young (graduate students at NAU) **Dates:** 3/28/2017, 4/4/2017

Applied Math Seminar (AMS) meets every Thursday, 12:45 – 1:45 pm, AMB 146.

Friday Afternoon Undergraduate Mathematics Seminar (FAMUS) meets Fridays, 3pm, AMB 164.