

# Math and Stat Colloquium

Friday, March 22

3 pm ESLC 053

Refreshments will be served in the Animal Science Lounge at 2:30 p.m.

**Speaker:**

**Paul Zeitz**

**University of San Francisco**

**“How vs. Why”**

Abstract: We know many mathematical facts and theorems, but how well do we really understand them? In this talk, I will focus on the important distinction between understanding HOW something is true versus comprehending WHY it is true. I will give several examples, from various branches of mathematics, of things that many of us understand in a "how" sense but have never contemplated "why" and also an example of a "how" that does not yet possess a "why" explanation.

