

CENTRAL MICHIGAN UNIVERSITY
Department of Mathematics
GRADUATE STUDENT
SEMINAR

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GETTING TO KNOW GEOGEBRA (BETTER)

Tuesday, November 29, 4:00 pm - 5:00 pm
Pearce Hall, **205 Research Lab**

Framed by an exploration of conic sections, we will sample various tools, commands and representations in GeoGebra. We will see how plane geometry, algebra (CAS), and space geometry representations interconnect and work together in GeoGebra. We will even put anaglyph glasses on!

Mathematically, we will not be going beyond pre-calculus. The pace will be gentle enough for GeoGebra beginners to follow but will also include advanced functionality hoping that even seasoned GGB users can learn something new.

Participants will be working at computers in the Mac Lab. If you prefer to work on your laptop, please install GeoGebra prior to the talk, it's free (<https://www.geogebra.org/download>). Please make sure to install desktop software (Windows or Mac OS X or Linux). Although Chrome and tablet apps provide good functionality, the layout is different and will make it difficult to follow along.

**** Notice the unusual place!! ****