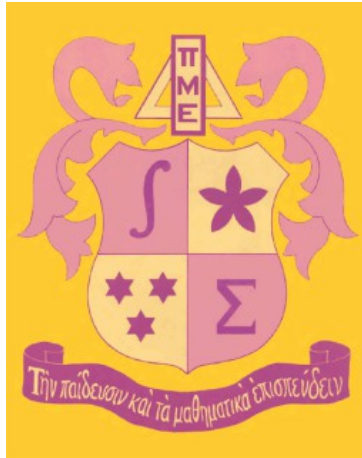


# Pi Mu Epsilon



**Thursday, December 5<sup>th</sup>  
12:15-12:50 PM in Hume 101**

## **Gaps Between Primes**

**Caroline Turnage-Butterbaugh**

**Caroline will talk about some recent exciting results in number theory, starting with Yitang Zhang's theorem on prime gaps, the Polymath project that grew from it, and the Maynard-Tao result that improved upon this work. She will also talk about a conjecture of Erdős and Turán that she proved recently as joint work with William Banks and Tristan Freiberg from the University of Missouri.**

**We will provide pizza and drinks. Hope to see you on Thursday!**