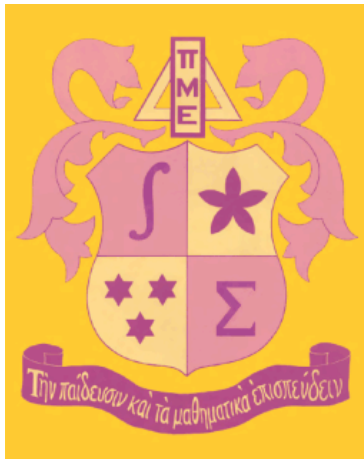


# Pi Mu Epsilon

*the mathematics honors society for university students*



**Thursday, October 10, 2019**  
**12:15-12:50 PM in Hume 201**

**Dr. Ken Ono**

## **Prime Numbers**

**Abstract:** This informal discussion will be about one of the most important sequences of numbers  $\{2, 3, 5, 7, 11, 13, 17, 19, \dots\}$ , the set of prime numbers. Learn about classic works of Euclid and Gauss, and how their ideas have inspired the deepest works by contemporary mathematicians such as Ben Green, James Maynard, and Fields medalist Terry Tao. The deepest of these works is now so well understood that the proofs are accessible to advanced undergraduates. In fact, these results have been refined in various ways in the speaker's REU summer programs.

**See you Thursday!**