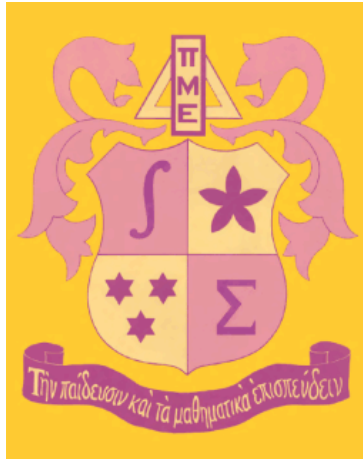


Pi Mu Epsilon

the mathematics honors society for university students



**Thursday, May 2, 2019
12:15-12:50 PM in Hume 201**

Dr. Thai Hoang Le, Assistant Professor of Mathematics

Finding Hay in a Haystack

Existence results are ubiquitous in mathematics. Proving that something exists does not necessarily provide a method to find it. Stranger still, in many situations one can prove that a certain property is satisfied by many (or even most) objects, yet it is very difficult to find a single object satisfying the property. I will take you on a tour and show you examples of this nature in different areas of mathematics such as set theory, analysis, number theory and combinatorics.

See you Thursday!