



## Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm April 15th, 2016

330 Derrick Hall

**Title:** Some results pertaining to the equilibrium state of three immiscible fluids

**Abstract:** We will formulate the energy of the equilibrium state of three immiscible fluids using sets of finite perimeter. We will present some results by Massari, Almgren, and Leonardi. We will also outline a method of approach to a blow-up procedure about a triple-junction point.

Interested faculty and graduate students are encouraged to attend.