

Association for Women in Mathematics  
AWM Student Chapter  
invites you to our

# Origami Workshop: Folding the Schwartz Lantern

Date: Tuesday, October 1<sup>st</sup>

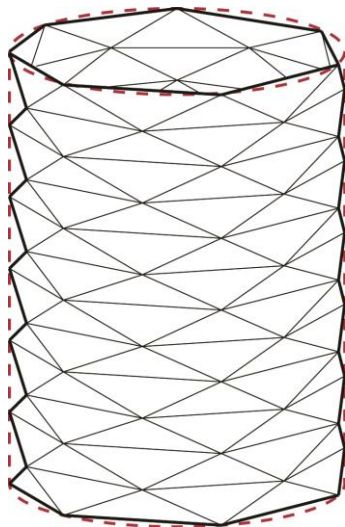
Time: 3:30 – 4:30 p.m.

Place: LCB 323

**Radhika Gupta**  
University of Utah

**Abstract:** Given a compact, smooth surface embedded in  $R^3$ , we can approximate it by a PL (Piecewise Linear) surface with all vertices on the surface and having only triangular faces. When the vertices of the faces gets denser and denser and the diameter of triangles converge to 0, does the area of the PL surface converge to the area of the surface?

We will 'fold' a counter example Schwartz gave!



Photos by Conan Wu