Wednesday, March 28
2-3pm

Flowers 130

WOMEN DOING MATH

Dr. Violeta Vasilevska
Utah Valley University

MEET THE SPEAKER

Students, faculty and staff invited. Coffee/tea and snacks.

MCS 478
3/28, 3.30-4.30

MATH + ORIGAMI = FUN

Dr. Vasilevska will explore the math behind the ancient Japanese art of paper folding – Origami.

LAMP 501
3/28, 5-6

WDM DINNER

For female, graduate or undergraduate students. No charge for dinner, but must sign up at the WDM website.

ROOT CELLAR CAFÉ
3/28, 7

Popularizing mathematics, while exploring shapes and domination.

In this talk, we discuss and present research problems that have been part of the presenter's focus. The first research project asks to find the 'shape' of manifolds, called fibrators, that can detect mappings with nice properties (called approximate fibrations). Next we discuss the question of quasi-isometry between the Cayley graphs of the group of integers with different generating sets. At the end, we give overview of the power domination problem in graph theory. In addition, presenter's efforts in popularizing mathematics and encouraging diversity will be addressed.

Dr. Vasilevska received her doctorate from the University of Tennessee, Knoxville. She joined the Department of Mathematics at Utah Valley University in 2010. Her research interests are diverse, from geometric topology, geometric group theory, and recently graph theory. For many years, she has been involved in various outreach programs, especially to encourage and support women in mathematics. As a result, she has also researched the effect of after school math programs on the high school women' attitude towards mathematics.