

2013 Mathematics Awareness Month

Mathematics of Sustainability

April 2013

Mathematics Department, University of Kansas
announces

Myth and Math of Sustainability

Dr. Judy Wu, Distinguished Professor of Physics

Keynote Speaker at MAM Competition Award Ceremony

Friday, April 26, 2013

4:30 p.m.

306 Snow Hall

University of Kansas

A sustainable world is one in which human needs are met equitably without harm to the environment, and without sacrificing the ability of future generations to meet their needs. Air, water, food and energy are among the most important human needs and their sustainability is under huge threats now. Want to be part of a team to figure out the myth in sustainability? The minimum qualification is your math skill! As winners of the 2013 Mathematics Awareness Month (MAM) Competition, you are in!

Dr. Judy Wu is a distinguished professor of Physics at the University of Kansas and directs the NSF EPSCoR Kansas Center for Solar Energy Research. She received her PhD degree in Physics from the University of Houston in 1993 and joined the faculty of the Physics department at the University of Kansas shortly afterwards. Her Thin Film and Nanoscience group in KU (University of Kansas) Physics has been actively working at the interface between nanoscience and material science/physics. She is specialized in synthesizing nanostructured materials and devices including solar cells, photodetectors, biosensors, etc. She has authored/coauthored more than 160 scientific publications, 6 book chapters, 14 US patents (5 awarded and 9 pending) and has given more than 100 invited/plenary lectures at national/international conferences and workshops.

