# Sponsored by



and the
WOU
Mathematics
Department

SK Day is Free & Fun

Big Door Prize
T9-84 Plus Silver Edition
Graphing Calculator

## Donations from

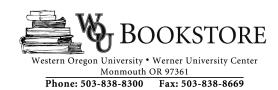












# Sonia Kovalevsky Mathematics Day

for High School Girls



Mathematics Department
Western Oregon University
www.wou.edu/math/sk

Saturday, March 1, 2014
9:45 a.m. ~ 3:30 p.m.
Registration Deadline February 24

#### **Schedule of Events**

#### 9:45-10:15 a.m. Registration

Columbia Room Werner University Center

#### 10:15-10:30 a.m. Welcome

Dr. Susanne Monahan Dean of College of Liberal Arts & Sciences

### 10:35-11:20 a.m. Three concurrent hands-on sessions

#### **Adventures in Chaos:**

Does the flap of a butterfly's wings in Brazil set off a tornado in Texas?

We will explore Edward Lorenz's pioneering work through hands-on activities and computer activities.

#### Flex Your Hexagon:

Learn to use geometry, paper folding and mathemagic to create pictures and designs.

#### **Bubbles:**

Soap films form what mathematicians call minimal surfaces. Create your own crazy minimal surfaces by making frames and dipping them in soapy water.

It's good clean fun!

## 11:30 a.m.-12:15 a.m. Three concurrent hands-on sessions

Adventures in Chaos Flex Your Hexagon Bubbles

12:20-1:20 p.m. Lunch

## 1:25-2:10 p.m. Three concurrent hands-on sessions

Adventures in Chaos Flex Your Hexagon Bubbles

#### **Resource Session for Teachers**

Scott McCannell Philomath High School

#### 2:15-3:30 p.m. Math Fair

Student centered, hands on, all inclusive math games. Working with mathematics students from WOU, participants will solve interesting and exciting problems, play games, and win fun prizes.

> Door Prize for students! Door Prize for teachers!

### **Registration Form**

Name:

Grade:
School:
Teacher's Name:
Home Address:
Phone:
Email:
Contact person, in case of emergency:
Dietary Restrictions:

## Register soon! Space is limited!

Please return application to:
Mathematics Department
Western Oregon University
345 N. Monmouth Avenue
Monmouth, OR 97361

Questions? 503-838-8465