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Dr. Carolyn Mahoney, LU President
Dr. Ann Harris, LU VPAA
Dr. Ruthi Sturdevant, College Dean
Dr. Sivanandan Balakumar, Department Head
LU Math Faculty
LU Student Volunteers

7th Annual
Lincoln University
Sonia Kovalevsky
Math for Girls Day

April 27, 2012

8:30 a.m. - 2:00 p.m.
Jason Gymnasium

Sponsored by
Lincoln University of Missouri,
Association for Women in Mathematics,
KJLU 88.9FM, Zonta Club of Jefferson City
Ameren UE Callaway Plant(Women in Nuclear)

Schedule of Events

8:00 a.m. ***Registration and Continental Breakfast***
Jason Gymnasium lobby

8:30 a.m. ***Welcome and Statement of Purpose:***
Dr. Carolyn Mahoney, LU President
Dr. Ruthi Sturdevant, College Dean
Dr. Balakumar, Department Head of Computer Science Technology, & Mathematics

8:45 a.m. - ***Introduce activity & review day's schedule*** *Jason Gym*

9:00 a.m. - 10:30 a.m. ***Meet in Project Group Areas***

10:30 a.m. - 11:15 a.m. ***Judging***
Students will remain in the bleachers and watch as other groups are judged. Teams will be called down to the floor and asked to perform whatever their project specifies.

11:30am- 12:20pm ***Student Sessions – listed on next page***
Attend the session that you signed up for this morning

12:30-1:15 ***Lunch*** *Scruggs Ballroom*

1:15 p.m. ***Awards*** *Scruggs Ballroom*
Mrs. Donna Stallings, LU Math Faculty

1:30 p.m. ***Closing*** *Scruggs Ballroom*
Dr. Carolyn Mahoney, LU President
Dr. Ann Harris, LU VPAA
Mrs. Donna Stallings, LU Math Faculty
Dr. Sivanandan Balakumar, LU Department Head

S1: A Portable Sherlock Holmes *RM 118 DH*
Eugene Matthews – LU Criminal Justice Faculty
See how today's crime fighters use yesterday's skills to bring tomorrows criminals to justice – how to locate and analyze a fingerprint.

S2: Building a Baby one Gene at a Time *RM 224 DH*
Dr. Staria S. Vanderpool, AMASS Program Manager
See how you can use Mendelian Genetics to understand the inheritance of facial features in people. You'll determine your phenotype and genotype and predict what your own baby will look like!!

S3: "Good bread..Good meat..Good God..Let's Eat!" *RM 202DH*
Minister Lolita Poplar, Certified Food Psychology Coach & Personal Fitness Chef
Food is awesome! And cooking is one of the best ways to practice your math skills. Cooking involves activities that include measuring ingredients, setting temperatures, and calculating food costs. She'll help you enjoy math in the kitchen and create recipes that make great gifts.

S4: "Build it from Scratch!!" *RM 203 DH*
Ms. Emily Downey
Scratch is an easy, intuitive program that allows even novice users to create fun programs with nearly endless possibilities. Using Scratch and an example code, students will learn how to create a simple addition math game and explore ways to create programs of their own.

S5: Nursing Mathematics *RM 117 DH*
Mrs. Anne Heyen & Mrs. Jennifer McCord
LU Nursing Faculty
See and experience all the different ways that nurses utilize math when doing their jobs.