

2007

Sonia Kovalevsky Math for Girls Day General Information

Association for Women in Mathematics, Lincoln University of Missouri

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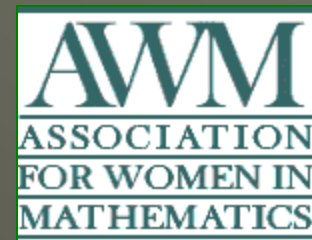
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Lincoln University of Missouri
University

Sonia Kovalevsky



Math for Girls Day



What is the LUSK Day?

- ◆ Annual One Day Spring Event
- ◆ Celebration of Math!
- ◆ Internship/Summer Camp Information



Career Exploration &
Networking Opportunity

What Happens at the LUSK Day?



- ◆ Team Problem Solving Competition
 - Grades 8 & 9
 - Grades 10 - 12

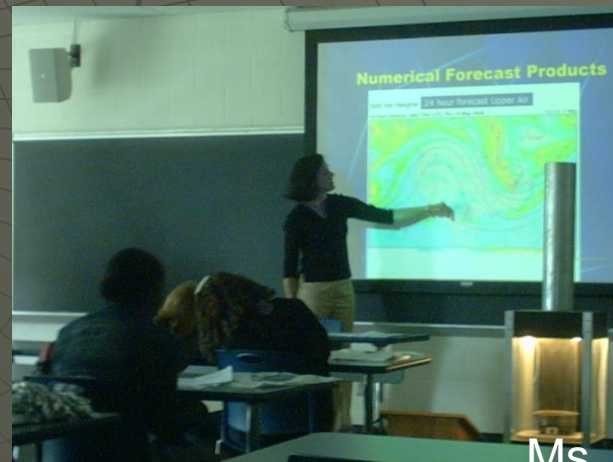
What Happens at the LUSK Day?

◆ Student Workshops

- Geographic Information
- Meteorology
- Orienteering
- Nuclear Engineering
- Business Statistics
- The Art in Math
- Cryptography

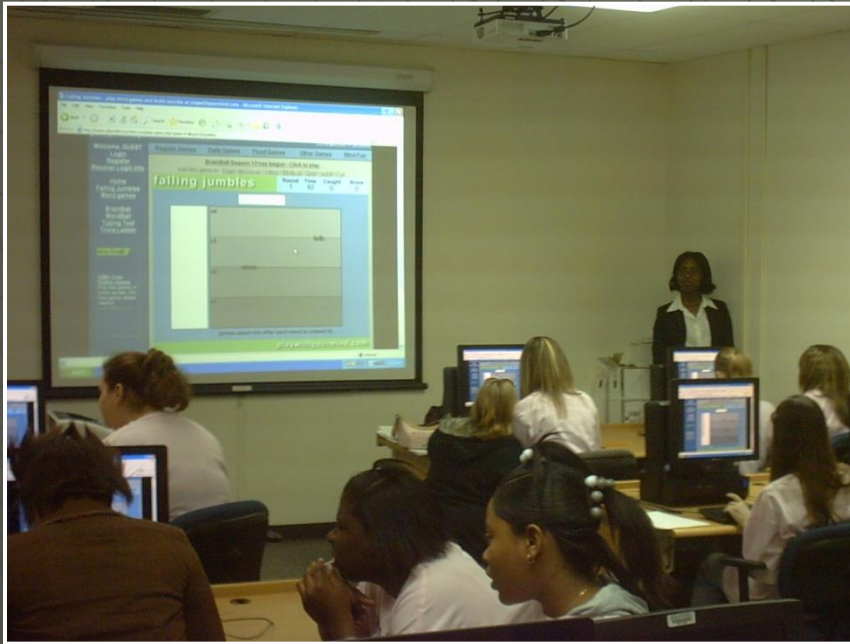


Mrs. Drenda Williams,
Natural Resource Specialist, NRCS, USDA,



Ms. Sharon Ray,
KMIZ TV Meteorologist

Workshops...



Ms. Wale Adeniji,
Environmental Protection Agency (MOU)



Mr. Lawrence Cranor,
Shelter Insurance (Local Sponsor)

Interactive Student Workshops....



- ◆ Each workshop is hands-on where students actively participate in using math in a real career.
- ◆ Led by LU Students, Faculty, Federal, State, Local government agencies, Local sponsors.

Teacher/Parent Workshops

- Project Based Learning
- History of Mathematics: Significant Women in Math
 - ◆ Activities include Ideas to help improve math skills



Presenter: Dr. Ruthi Sturdevant,
LU Computer Science, Technology, Math Department Head

What Goes On?

- ◆ Teacher/Parent Workshops
 - Knot Theory
 - Geometric Activities that help Girls Learn Math



Mrs. Bernadette Turner,
LU Math Associate Professor
Geometric Activities Using Cabri Jr.

Career Panel

- ◆ Variety of Math Career Choices

- Local Math Teacher
- Cryptanalyst, National Security Agency
- Environmental Protection Agency
- Ameren UE
- Girls Scouts Heart of MO Council
- McDonnell Douglas



Luncheon Speakers

Dr. Carolyn Mahoney,
Lincoln University President
2006 Luncheon Speaker



Dr. B. Ann Cox,
National Security Agency
2007 Luncheon Speaker
(Picture Unavailable)

Who Can Attend?

- ◆ Teachers
- ◆ Parents
- ◆ Public, Private, and Home schools
- ◆ 100 Young Ladies!
- ◆ 8th – 12th Graders
- ◆ Missouri or East St. Louis, IL Residents



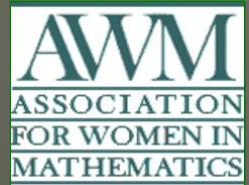
Awards and Closing

- ◆ All participants receive certificates.
- ◆ Top 3 teams receive a medal!
- ◆ Teachers of the winning teams receive a special gift. 📢



Sponsors

- ◆ Lincoln University of Missouri
- ◆ Association for Women in Mathematics
- ◆ National Security Agency
- ◆ Elizabeth City State University
- ◆ Scholastic Books, Inc.
- ◆ Ameren UE, Callaway Plant (Women In Nuclear)
- ◆ Naa'nac Productions
- ◆ JCTV and KJLU
- ◆ Midwest Rural Urban Girls Collaborative



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