4-20-2007

2007 Sonia Kovalevsky Math for Girls Day Program

Association for Women in Mathematics, Lincoln University of Missouri

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2nd Annual
Lincoln University
Sonia Kovalevsky
Math for Girls Day

April 20, 2007

8:00 a.m. - 2:00 p.m.
Martin Luther King Hall

Sponsored by
Association for Women in Mathematics, Lincoln University of Missouri, Midwest Rural-Urban Girls Collaborative, Ameren UE Callaway Plant WIN: Women in Nuclear
Schedule of Events

8:00 a.m.  Registration at MLK Langston Hughes Theater Lobby
            (continental breakfast)

8:15 a.m.  Welcome and Statement of Purpose
            Langston Hughes Theater
            Dr. Mahoney, Dr. Ruthi Sturdevant

8:25 a.m.  EPA Presentation
            Langston Hughes Theater
            Ms. Brenda Grosinsky, EPA

9:00 a.m.  Math Team Competition  8th grade  Rm 106 MLK

9:00 a.m.  T1: Teacher Workshop

9:50 a.m.  Knot Theory  Rm 16 FH
            Mrs. Bernadette Turner, LU Math Faculty

9:00 a.m.  National Security Agency NSA  Rm 17 FH
            Dr. B. Ann Cox, NSA
            (for college students)

9:00 a.m.  Environmental Protection Agency  Rm 20 MLK
            Ms. Gloria Washington & Ms. Wale Adeniji, EPA
            (for college students)

10:00 a.m. T2: Teacher Workshop

10:50 a.m. Project Based Learning  Rm 137 FH
            Dr. Marilyn Hofmann, LU Education Faculty

10:00 a.m. Student Workshops Concurrent sessions

10:50 a.m. S1a: Meteorology and Mathematics  Rm 114 FH
            Ms. Sharon Ray
            Meteorologist, KMIZ TV

S2a: Human and Computer Interaction  Rm 20 MLK
            Ms. Gloria Washington & Ms. Wale Adeniji, EPA

S3a: Orienteering  ROTC Building
            LTC Mark Jordan
            Lincoln University ROTC

S4a: Elementary Cryptanalysis  Rm 17 FH
            Dr. B. Ann Cox, National Security Agency NSA

S5a: Mathematics in Nuclear Power  Rm 18 FH
            Ms. Jan Neher and Mr. Matt Arri

S6a: The Art of Mathematics  Rm 117 Page
            Ms. Tanika Jones and Mr. James Tatum
            Lincoln University student and Professor

S7a: Robot Programming  Rm 06 FH
            Dr. Leon Stevens, LU Faculty & Robotics Club

S8a: Business Mathematics & Stats  Rm 318 MLK
            Mr. Lawrence Cranor, Property and Casualty
            Actuary Shelter Insurance
**S9b: Cardiology**  
Ms. Debbie Brunner and Ms. Abby Medin

**S10b: NASA has the Math covered**  
Mr. Patrick Daugherty, NASA Contact

11:00 a.m. - **T3: Teacher Workshop**  
The Use of Math as a Tool  
Ms. Brenda Grosinsky, EPA

11:00 a.m. - **Student Workshops Concurrent sessions**

11:50 a.m.  
**S1b: Meteorology and Mathematics**  
Ms. Sharon Ray  
Meteorologist, KMIZ TV

**S2b: Human and Computer Interaction**  
MLK  
Ms. Gloria Washington & Ms. Wale Adeniji, EPA

**S3b: Orienteering**  
LTC Mark Jordan  
Lincoln University ROTC

11:50 a.m.  
**S4b: Elementary Cryptanalysis**  
Dr. B. Ann Cox, National Security Agency NSA

**S5b Mathematics in Nuclear Power**  
Ms. Jan Neher and Mr. Matt Arri

11:50 a.m.  
**S6b: The Art of Mathematics Power**  
Rm 117
Page
Ms. Tanika Jones and Mr. James Tatum
Lincoln University student and Professor

S7b: Statistics in the Social Sciences  Rm 118
Page
Kathy Schmidtke, Asst. Research Analysis, MU

S8b: Business Math & Statistics  Rm 318
MLK
Mr. Lawerence Cranor, Property and Casualty
Actuary Shelter Insurance

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Midwest Rural-Urban Girls Collaborative

11:00 a.m  S9b: Cardiology  Rm 16 FH
11:50 a.m. Ms. Debbie Brunner and Ms. Abby Medin

S106: NASA has the Math covered  Rm 129 FH
Mr. Patrick Daugherty, NASA Contact

12:00 Noon  Lunch
Scruggs University Center Ballroom

12:30 p.m. Speaker
Dr. B. Ann Cox, National Security Agency NSA
1:00  
**Awards**  
Mr. Phil Embree  LU Math Faculty  
Mrs. Brenda Reed  LU Math Faculty

1:30 p.m.  
**Closing**  
Dr. Carolyn Mahoney, Lincoln University President  
Dr. Ruthi Sturdevant, LU Department Head of  
Computer Science, Technology, and Mathematics