

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*
- 10:00 a.m. *9-12th grade Rm 117 Page Library*
- 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*
9:50 a.m. *Dr. B. Ann Cox, NSA*
(for college students)
- 9:00 a.m. - **Environmental Protection Agency** *Rm 20 MLK*
9:50 a.m. *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
- MLK*
- S2a: Human and Computer Interaction** *Rm 20*
Ms. Gloria Washington & Ms. Wale Adeniji, EPA
- S3a: Orienteering** *ROTC Building*
LTC Mark Jordan *See Escorts!*
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: CardDioLogy Rm 16 FH
Ms. Debbie Brunner and Ms. Abby Medin

S10b: NASA has the Math covered Rm 129 FH
Mr. Patrick Daugherty, NASA Contact

11:00 a.m. - **T3: Teacher Workshop** Rm 137 FH
11:50 a.m. *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** Rm 114
FH Ms. Sharon Ray
Meteorologist, KMIZ TV

S2b: Human and Computer Interaction Rm 20
MLK
EPA
Ms. Gloria Washington & Ms. Wale Adeniji,

S3b: Orienteering ROTC Building
LTC Mark Jordan See Escorts!
Lincoln University ROTC

S4b: Elementary Cryptanalysis Rm 17 FH
Dr. B. Ann Cox, National Security Agency NSA

S5b Mathematics in Nuclear Power Rm 18 FH
Ms. Jan Neher and Mr. Matt Arri

S6b: The Art of Mathematics Power Rm 117

Page

*Ms. Tanika Jones and Mr. James Tatum
Lincoln University student and Professor*

S76: Statistics in the Social Sciences Rm 118

Page

Kathy Schmidtke, Asst. Research Analysis, MU

S86: Business Math & Statistics Rm 318

MLK

*Mr. Lawrence Cranor, Property and Casualty
Actuary Shelter Insurance*

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Midwest Rural-Urban Girls Collaborative*

11:00 a.m

S96: CardDioLogy

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** *Langston Hughes Theater*
 Mr. Phil Embree *LU Math Faculty*
 Mrs. Brenda Reed *LU Math Faculty*

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