

Registration Form*

**Advanced Registration -
Registrations postmarked no
later than March 1, 2004.**

DO NOT MAIL REGISTRATIONS AFTER
March 1, 2004-- AFTER THIS DATE YOU
MUST REGISTER BY FAX OR E-MAIL.

Please Check One of:

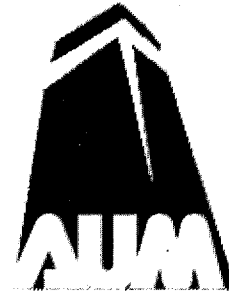
Student	<input type="checkbox"/>
Teacher	<input type="checkbox"/>

<i>Name</i>
<i>Mailing address (zip code)</i>
Telephone:
Fax :
School

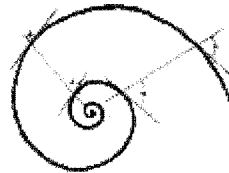
Please Check:

	Yes	No
Need travel reimbursements?	<input type="checkbox"/>	<input type="checkbox"/>
Need Hotel reimbursements?	<input type="checkbox"/>	<input type="checkbox"/>

***For group registration fill-out one per
teacher and attach a list of students**



Department of Mathematics



Mathematics

Computer Science

Pre-Engineering

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Auburn University Montgomery

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<http://sciences.aum.edu/mh/welcome.html>

SONIA KOVALEVSKY MATHEMATICS DAY

**AT AUM
WORKSHOP FOR HIGH
SCHOOLAGED WOMEN
MARCH 13 2004**

*"Say what you know, do what you must,
come what may" - Sonya Kovalevsky*



Sonia Kovalevsky Mathematics Day at AUM

The Department of Mathematics at Auburn University Montgomery (AUM) is sponsoring its first Annual Sonia Kovalevsky Mathematical Sciences Day. Dr. Joan Powell, Assistant Professor of Mathematics, is the organizer of the event. The event is designed to encourage high school-aged women to consider careers in mathematics and the sciences. Sonia Kovalevsky Days have been organized by the Association for Women in Mathematics (AWM) and institutions around the country since 1985. The event is named in honor of Sonia Kovalevsky, who was the first woman to earn a doctorate in mathematics.

The Sonia Kovalevsky Mathematics High School Day is a program of mathematics activities for young women. High school teachers from throughout Alabama are invited to bring their female students to Montgomery to meet the AUM mathematics faculty, professional women who use math in their careers, and other high school and college students who are interested in math. We will have several workshops through which we hope to inspire the participants to continue their study of mathematics.

All participants will receive books and prizes. A pizza lunch will be also provided. For those groups traveling more than 50 miles round trip we can provide travel reimbursements, and for those groups traveling more than 150 miles round trip we can provide hotel reimbursements.

tentative program for SONIA KOVALEVSKY'S MATHEMATICS DAY

Workshop for High School aged women
March 13 2004

8:30 - 8:45
Registration & refreshments
8:45 - 9:15
Welcome
9:25 - 10:15
Session # 1 (select from list of
Workshops)
10:25 - 11:15
Session # 2 (select from list of
Workshops)
11:30 -12:00
Lunch
12:10 -1:00
Key Note Address by Dr. Luise-
Charlotte Kappe of Binghamton
University:
*It's a wonderful life! - Reflections on a
career as a mathematician.*
1:10 - 2:00
Session # 3 (select from list of
Workshops)
2:10 - 3:00
Career Panel Discussion
3:00 - 3:15
Prizes and Closing Remarks

Workshop	Organizer	Sessions offered
Coding Theory in Your Mailbox	Ann Cox, NSA	1 2 3
Sonia Kovalevsky: Who, what, when, why	Joe Albree, AUM	1 3
Problem Solving: State Math Contest	Scott Brown, AUM	3
Latin squares and cryptography	Tuval Foguel, AUM	2
Fractal Patterns Formed Using Symmetries of a Square	Bill Nowell, AUM	1
Nim and the Endgame of Impartial Domineering	Furman Smith, AUM	2

**For more information:
Dr. Joan Powell
(334) 244-3321
jpowell@mail.aum.edu**