Thank you to our many donors and cosponsors who help make this event possible. Because of the vast number of door prize donors this year, you’ll find them listed separately in your folder.

Thank you...

For donation of folders, note pads, and pencils:

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Vendors and Companies at the NCTM National Conference and ACTM State Conference as well as other mathematics suppliers and publishers

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For goody bags with notebooks:

Collegiate Bookstore

For cosponsorship of Continuing Education credits:

Alabama Council of Teachers of Mathematics

To speakers and members of the AUM Mathematics Faculty as well as mathematics student volunteers without whom this program would not be possible. A special thanks to Katherine Korunes and Tynisa Williams for many hours of tedious tasks.

AUM’s 5th Annual

Sonia Kovalevsky Mathematics Day

February 23, 2008

Sponsored By:
The Association for Women in Mathematics (AWM)
National Security Agency (NSA)
Elizabeth City State University
AUM Lectures Committee
AUM Office of Academic Affairs
AUM Department of Mathematics
AUM School of Sciences
Sonia Kovalevsky Day Program
Auburn Montgomery
February 23, 2008

<table>
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<th>Time</th>
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<tr>
<td>8:30 - 8:45</td>
<td>Registration &amp; Refreshments</td>
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<tr>
<td>8:45 - 9:15</td>
<td>Welcome</td>
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<tr>
<td>9:25 -10:15</td>
<td>Workshop Session #1</td>
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<tr>
<td>Dr. Shawanda Thomas</td>
<td>Dr. Tuval Foguel</td>
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<td>Dr. Matt Ragland</td>
<td>Dr. Yi Wang</td>
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<td>Mr. Joe Albree</td>
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<tr>
<td>10:25 -11:15</td>
<td>Workshop Session #2</td>
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<tr>
<td>Dr. Shawanda Thomas</td>
<td>Dr. Mosisa Aga</td>
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<tr>
<td>Ms. Laura Ingram</td>
<td>Dr. Yi Wang</td>
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<td>Dr. Rhodes Peele</td>
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<td>11:25- 12:15</td>
<td>Career Panel Discussion</td>
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<td>12:15 - 1:00</td>
<td>Lunch</td>
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<tr>
<td>1:10 - 2:00</td>
<td>Workshop Session #3</td>
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<tr>
<td>Dr. Jennifer Stone</td>
<td>Dr. Joe Smith</td>
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<tr>
<td>Ms. Laura Ingram</td>
<td>Dr. Scott Brown</td>
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<tr>
<td>Dr. Luis Cueva-Parra</td>
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<tr>
<td>2:10 - 3:00</td>
<td>Keynote Speaker:</td>
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<tr>
<td>Dr. Connie Campbell, Millsaps College, MS</td>
<td>&quot;Pythagoras was Never on the Yellow Brick Road&quot;</td>
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<tr>
<td>3:00 - 3:45</td>
<td>Door Prizes and Closing Remarks</td>
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</table>

Workshops
The following workshops will be indicated on the schedule by presenter’s name only. See below for title and room number.

- **Workshop Leaders:**
  - Dr. Shawanda Thomas, Proj. Director Tapping Academic Potential Your Financial Futures: Making Wise Decisions with Money Room 319 G
  - Ms. Laura Ingram, Mathematics Ph.D. Candidate, Univ. of Alabama The Bases of Computer Math Room 317 G
  - Dr. Jennifer Stone, Instructor, Mathematics, Auburn University Math Without Numbers: The Shape of Things Room 320 G

Auburn Montgomery Mathematics Faculty:

- Dr. Mosisa Aga, Room 320 G
  - The Reluctant Witness: A Mathematical Murder Mystery Room 222 G
- Mr. Joe Albree, Room 222 G
  - Who is Sonya Kovalevskaya?
- Dr. Scott Brown, Room 208 G
  - Geometry and Islamic Art
- Dr. Luis Cueva Parra, Room 205 G
  - Cellular Automata: A Mathematics Laboratory
- Dr. Tuval Foguel, Room 317 G
  - Fun with Cryptography
- Dr. Rhodes Peele, Room 316 G
  - Probability Surprises
- Dr. Matthew Ragland, Room 208 G
  - Playing With Polyhedra
- Dr. Joseph Smith, Room 222 G
  - The Algebra of Geometric Symmetries
- Dr. Yi Wang, Room 219 G
  - Mathematics and Your Pictures: Digital Image Processing

Program Participants

**Keynote Speaker**
Dr. Connie Campbell
Associate Professor and Head of the Mathematics Department at Millsaps College, Mississippi

**Career Panelists**
- Dr. Pia Knigge, Assistant Professor, Political Science and Public Administration, AUM
- Ms. Sharon Paulk, Associate Professor, Head, Mathematics Dept., Faulkner University
- Dr. Julie Herron, Assistant Professor of Early Childhood Math Education, Univ. of Alabama
- Dr. Debra Hodges, Biostatistician, Center for Health Statistics, State of Alabama
- Ms. Kendra Franklin, Engineer, Hyundai Motor Corporation
- Mrs. Freida Warren, Mathematics Lab Coordinator, AUM, High School Teacher/Dept. Head for 35 yrs.

**Program Organizers:**
- Dr. Joan N. Powell
- Dr. Tuval Foguel
- Dr. Matthew Ragland
- Dr. Luis Cueva-Parra and Dr. Yi Wang
  - Technology/Equipment
- Mrs. Freida Warren
  - Registration