

# Sonia Kovalevsky Mathematics Day

Date: Saturday, February 23, 2008

Hosted By the AUM Mathematics Department

## Workshop Topics from Previous Years

Who is Sonya Kovalevskaya?; The Reluctant Witness: A Mathematical Murder Mystery; Geometry and Islamic Art; Cellular Automata: A Mathematics Laboratory; Can You Keep a Secret?; Probability Surprises; Playing With Polyhedra; Fun with Cryptography; Mathematics and Your Pictures: Digital Image Processing; Coding Theory in Your Mailbox

**Keynote Speaker 2008:** Dr. Connie Campbell  
Department of Mathematics  
Millsaps College  
Jackson, MS

## IMPORTANT POINTS FOR TEACHERS

- Junior high and high school *female* students are invited to participate. Workshops, career panel, and keynote speaker encourage students to pursue higher mathematics and math careers.
- Some level of personal and/or mathematical maturity is needed, therefore a teacher recommendation is requested. *Students should have taken or currently be enrolled in Algebra I or higher, or be very strong Pre-Algebra students.*
- *Mileage reimbursements* for those driving more than 50 miles round trip will be provided if at all possible, based on funding. *Overnight accommodations* for those traveling more than 150 miles round trip will be arranged on a *first-come-first-serve basis*, based on available funding.

- Teachers may receive free Continuing Education (in-service) credit, with attendance of three or more students, through the AUM School of Continuing Education, **by prior arrangement**. Contact Joan Powell for details.
- E-mail Joan Powell for brochures and other information when they become available in January, OR copy freely from the AUM website, [www.aum.edu/math](http://www.aum.edu/math). Information will be updated (for 2008) by mid-January.

Organizer: Dr. Joan N. Powell  
AUM Mathematics Department  
e-mail (preferred): [jpowel@aum.edu](mailto:jpowel@aum.edu)  
(334)244-3248  
[www.aum.edu/math](http://www.aum.edu/math)