



E-STELLAR NEWS
STEM (Science, Technology, Engineering and Mathematics) Touches Everyone
Linking Learning and Resources

Vol. 1, No. 2 April 2006

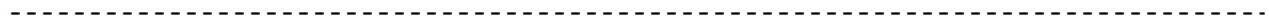
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ISIS E-STELLAR News is a monthly electronic resource designed for members of the ISIS community. Its purpose is to provide useful and timely communication on upcoming, current, and past events, links to web resources, and other timely information.

ISIS E-STELLAR News is a service of the Alpha Center at the University of California; ISIS is supported by a Women's Educational Equity grant awarded by the U.S. Department of Education.

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Newsletter Contents

Explore the Alpha Center at UCR

[Visit the Alpha Center Website](#)

[Visit ISIS on the Web](#)

ISIS Photo Gallery

[Come see what ISIS and the Alpha Staff have been up to](#)

Mark Your Calendars!

[ISIS Celebration](#)

[GEMS Summer Academy \(July 10 – July 14, 2006\)](#)

[MATE Training for ISIS Teachers \(June 26 – June 30, 2006\)](#)

[New ISIS Apprentice Summer Training \(July 5 – July 7, 2006\)](#)

ISIS Newsbytes

[Applications currently being accepted for ISIS Apprentice \(Deadline April 28\)](#)

[Applications currently being accepted for ISIS Teacher MATE Training \(Deadline May 1\)](#)

[GEMS Academy for ISIS Girls](#)

[Seeking Stellar ISIS Apprentices](#)

[Seeking Stellar ISIS Teachers \(NEW\)](#)

LINKING RESOURCES AND LEARNING: PLACES TO GO, THINGS TO DO (NEW)

[Especially for Families](#)

[Websites featuring opportunities to learn together](#)

[Places to Go \(NEW Section\)](#)

[Family fieldtrips make for shared memories](#)

[Especially for Girls](#)

[Websites for kids to explore, have fun, and to find resources](#)

[Especially for Teachers](#)

[Websites to help teachers expand their resources in STEM education](#)

[Website of the Month](#)

[Interesting, compelling, or something everyone should know](#)

Explore the Alpha Center at UCR

Visit the Alpha Center at www.alphacenter.ucr.edu to learn more about the Academy of Learning Through Partnerships for Higher Achievement, its mission, and programs. While there, visit Project ISIS on the web at <http://www.alphacenter.ucr.edu/ISIS.htm>

ISIS Photo Gallery

Photos are now posted from three of our ISIS/Community Events. You will find the January 21st Kick-Off, the March 14 Fieldtrip to Chaffey College, and the March 17th Celebrating Women in Mathematics and Science held at San Bernardino Valley College. We hope that you will take a moment to visit and celebrate the memories!

http://ucralpha.org/gallery/view_album.php?set_albumName=isis06

Mark Your Calendars!

Saturday, May 6, 2006 - OMSD Learning EXPO will be held at the Ontario Convention Center. This is the perfect family outing. Project ISIS will host a booth highlighting the program. Apprentices, students, and teachers are invited to help staff the booth. ISIS Apprentices will identify and teach hands-on mathematics activities for the event. Students that learn the activities and serve as mentors at the booth will receive special recognition at the ISIS Celebration. Find out more by talking with your ISIS Apprentice. Be sure to wear your ISIS t-shirt to the event for a special treat!

Tuesday, May 23, 2006 – ISIS Celebration to be held at Vina Danks Middle School. All Participants will be recognized. Mark your calendars and come celebrate as we recognize our teachers and students!

Monday June 26 – Friday, June 30, 2006 - MATE Teacher Training to be held on campus at the University of California, Riverside. Mornings will feature content presented through hands-on explorations and interaction by Dr. Pamela Clute. Afternoons will focus on taking the morning learning and mold it for immediate use. For more information visit http://www.alphacenter.ucr.edu/Summer_Programs2006.htm
To apply, download the application at <http://www.alphacenter.ucr.edu/Summer06/MATEApp06.pdf>

Monday July 10 – Friday, 14, 2006 - GEMS Summer Academy for ISIS Girls. We will be selecting 10 ISIS girls to attend the GEMS Academy at UCR. To learn more about the Academy, visit http://www.alphacenter.ucr.edu/Project_GEMS.htm Applications will be coming to your school site soon. You can get additional information from your ISIS Apprentice.

Wednesday, July 5 – Friday, July 7, 2006 - ISIS Apprentice Training

Would you like to continue in your role as an ISIS Apprentice for next year? Do you know someone that you think would be perfect as an ISIS Apprentice? Grab a friend and visit http://www.alphacenter.ucr.edu/CMST_PROG.htm. Here you will find an

overview of the CMST and ISIS programs for undergraduate students along with timelines and applications for applying.

ISIS Newsbytes

Special MATE training for ISIS M.S. Teachers ~ Applications Currently Bring Accepted

Here's your opportunity to spend a week on the UCR campus where you will earn as you learn. Applications are currently being accepted for the 2006 MATE Institute and there is an opening for you! OMSD ISIS teachers are all eligible. Attendees will receive a stipend and materials that they will be able to use in their classrooms come the beginning of the school year. Dates and links to the MATE applications are referenced above in the Save the Date section

Take a minute to recognize a Stellar Apprentice and/or Teacher

Attention ISIS Teachers! We are seeking recommendations for Outstanding ISIS Apprentices. Please send us an email stating why your ISIS Apprentice should be considered as an Outstanding ISIS Apprentice. We are looking for nominations that you feel have made an extra special impact on the girls in your ISIS classes. Criteria may include outstanding support in the classroom, special connection with your students as a mentor and model, extra effort in developing and teaching lessons, or any criteria that you feel is appropriate and would like to have recognized. Please send the email to mary.eggers-simons@ucr.edu

Attention ISIS Apprentices! We are seeking recommendations for Outstanding ISIS Teacher. Please send us an email stating why your Teacher should be considered as an Outstanding ISIS Teacher. We are looking for nominations that you feel have provided support, guidance, mentoring, and opportunities for you to develop in your role as an apprentice. An additional criteria is the role your teacher takes in supporting and encouraging girls to excel and /or improve in mathematics. Email your nominations to mary.eggers-simon@ucr.edu

LINKING RESOURCES AND LEARNING: PLACES TO GO, THINGS TO DO

Especially for Families

<http://www.mathsurf.com/parent/index.html>

The MathSURF Family Site contains ideas and activities that will help you and your child work together at home to improve his or her math skills. Activities are available for grades K through middle school. You will also find information on planning for college.

Places to Go

<http://www.discoverycube.org/>

Discovery Science Center located at 2500 N. Main St., Santa Ana, CA is featuring a Bubblefest April 9 – 23, 2006. The center is open from 10:00 am – 5:00 pm. Check out more at their website.

Especially for Girls

<http://www.engineergirl.org/nae/cwe/egmain.nsf?Opendatabase>

Engineer Girl! Sponsored by the National Academy of Engineering

Ever wonder what an engineer does? This site is developed especially for girls. It shares information on different careers in engineering, contests, fun facts and links to additional websites where you can explore more on engineering, science, mathematics, and technology. This site was developed with help from girls that serve on their advisory board. It's certainly a site worth visiting and sharing!

Especially for Teachers

Middle School Algebra: Ready or Not

http://www.education-world.com/a_curr/curr147.shtml

This website provides background information on algebra in middle school. You will find differing options along with links to websites that will provide support as you teach your middle school students algebra. It is certainly worth visiting.

Website of the Month

www.simpsonsmath.com

The Simpsons contains over a hundred instances of mathematics ranging from arithmetic to geometry to calculus, many designed to expose and poke fun at innumeracy. This website provides you with an ideal source of fun ways to introduce important concepts to students, and to reduce math anxiety and motivate students. You will find a guide to mathematics on the Simpsons, the mathematical background of the Simpsons writers, and information on an episode to be aired around April 30th called, "Girls Just Wanna Have Sums." In addition you will find activity sheets you can use in the classroom.