

This special day was created by volunteers who believe that with encouragement, mentoring, academic preparation and hard work, girls can grow into leaders with much to contribute to the fields of mathematics, science, engineering and technology. It is our hope that the conference expands girls' horizons and helps them envision a future full of possibility.

AAUW: Advancing Education
Association for Women in Science
Elementary Institute of Science
Biogen Idec
General Atomics Sciences Education Foundation
Girl Scouts, San Diego-Imperial Council, Inc.
San Diego Unified School District
San Diego County Office of Education
San Diego Science Alliance
San Diego Supercomputer Center at UCSD
Society of Hispanic Professional Engineers
The Scripps Research Institute
UCSD School of Medicine COPC Science
University of San Diego
US Department of Labor Women's Bureau

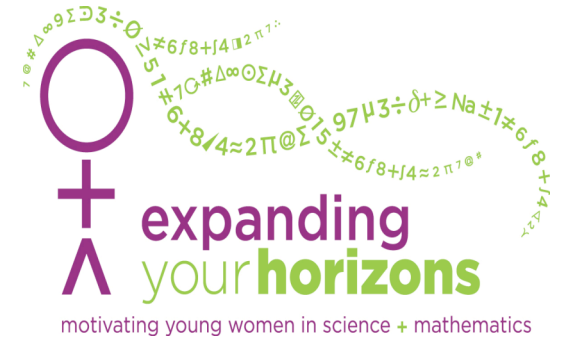
SPONSORS

General Atomics
The Hervey Family Fund
QUALCOMM
Cubic Corporation

See our website, <http://www.sdsa.org/eyh> for announcements of latest sponsors, photos from last year's conference and more info about our speakers, email us with questions:
EYH_SanDiego@yahoo.com

EYH San Diego 2008
US DOL Women's Bureau
5675 5 Ruffin Road, Suite 310
San Diego, CA 92123

2008 ANNUAL SAN DIEGO CONFERENCE



FOR 6TH - 10TH GRADE GIRLS

(and separate program for interested adults)

**SATURDAY, April 12, 2008
8:45 AM - 3:15 PM**

University of San Diego

<http://www.sdsa.org/eyh>

Presenting Organizations Include....

BAE Systems ■ Biogen Idec ■ Bose Corporation ■ California State University San Marcos ■ Children's Hospital ■ Dow Chemical Company ■ Federal Bureau of Investigation ■ General Atomics ■ NASA ■ Neurosciences Institute ■ Pfizer ■ Miramar College ■ Reuben H. Fleet Science Center ■ San Diego Museum of Man ■ Sea World ■ San Diego State University ■ San Diego Supercomputer Center ■ The Mars Society ■ The Scripps Institution of Oceanography ■ United States Air Force ■ University of California, San Diego ■ University of San Diego

QUESTIONS?????

General Questions: EYH_SanDiego@yahoo.com
or 858-467-7030

Transportation Questions:
dnash@girlscoutssdi.org or 619-610-0874

TRANSPORTATION

We want to be sure that everyone who wants to participate in EYH will have a way to get to USD. You may ride to USD in a private vehicle; parking on the USD campus is free on Saturdays. You may ride to USD with an organization like Girl Scouts or another youth group. Or, you may ride the EYH bus for FREE. Roundtrip, Cloud 9 shuttles and van transportation to the USD campus is available from selected middle schools in San Diego County. The EYH bus stops are listed on the registration form. EYH bus transportation is available for both girls and parents. (See enclosed form.)



DIRECTIONS

From the North: Use I-5 South, exit Sea World Dr. & Tecolote Rd. and proceed left at stoplight toward Morena Blvd. Turn right on Morena, left on Napa, and left on Linda Vista Rd. Travel to the first stoplight to USD's West entrance, turn left and enter campus.

From the South: Use I-5 North, exit Morena Blvd. (signs will say: Morena Blvd. use I-8 East) Stay to the right and follow the signs for Morena Blvd. Take the first right onto Linda Vista Rd. Travel to the second stoplight to USD's West entrance, turn left and enter campus.

From the East: Use I-8 West, exit at Morena Blvd., go right onto Linda Vista Rd. and travel to the second stoplight to USD's West entrance, turn left and enter campus. Maps and driving directions are also available at: www.sandiego.edu/about/directions

DROP-OFF/PARKING INFORMATION

Registration will be at the Joan Kroc Institute for Peace and Justice. Parents can park in one of the lots near the building and walk their student to the registration area. Volunteers will be on hand to direct you to parking areas.

PARENTS PROGRAM

While college students mentor and chaperone the girls for the full day of EYH workshops and activities, parents will attend their own program with workshops and lunch with college administrators. Alternatively, parents may want to take a self-guided tour of the USD campus. Please indicate your interests on the parent registration form so that we can better plan the days' events. A Spanish translator will be made available for the parents program if there is sufficient request on the registration forms.

You can register online at <http://www.sdsa.org/EYH> and use the address below to mail in your check. The non-refundable \$15.00 registration fee includes lunch and registration materials. Mail your registration form and a check made out to EYH SAN DIEGO to:

EYH San Diego
USDOL Women's Bureau
5675 Ruffin Road, Suite 310
San Diego, CA 92123

PARENT WORKSHOPS

- College Admission Requirements
- Affordable Options to Pay for College
- Advocating for Your Daughter
- San Diego Science Community and others....

2008 SAN DIEGO EYH CONFERENCE

EXPANDING YOUR HORIZONS IN MATHEMATICS, SCIENCE, ENGINEERING AND TECHNOLOGY

IS THIS CONFERENCE FOR YOU?

Are you curious about how things work? Do you get fascinated looking into a microscope or a telescope? Have you wondered about the kinds of cool jobs available for girls who like math and science? Would you like to talk with women scientists, engineers and others and see what's involved in their daily work? EXPANDING YOUR HORIZONS is all that and more.



- A conference specifically designed for young women in grades 6 through 10.
- Hands-on science workshops and chance to meet other girls with similar interests.
- Interactions with female mentors from college math, science & technology programs.
- Workshops led by San Diego's leading biologists, chemists, computer scientists, doctors, engineers, forensic scientists, geologists, physicists, medical specialists, veterinarians and more....

2008 EYH CONFERENCE SCHEDULE

8:45 AM to 9:15 AM	Registration and Continental Breakfast -
9:15 AM to 9:50 A.M.	Welcome & Keynote
10:00 to 10:50 A.M.	Workshop Session I
11:00 to 11:50 A.M.	Workshop Session II
Noon to 12:45 P.M.	LUNCH
1:00 to 1:50 P.M.	Workshop Session III
2:00 to 2:50 P.M.	Afternoon Group Activity
3:00 to 3:15 P.M.	Closing Remarks

Girls will be assigned to small groups led by two college mentors. Each group will attend the morning keynote session, two morning workshops, a lunch break, one afternoon workshop and a closing afternoon activity. Workshop sessions are on the USD campus and may involve a short walk.

STUDENT RESPONSIBILITY

Girls who attend the conference must follow instructions and directions provided by workshop presenter, mentors and signs on campus. Also, girls must attend all the events scheduled for their group and remain with their mentor and group on the USD campus from 8:45 am - 3:15 pm.

REGISTER EARLY!

Only 600 girls can be accepted and the conference fills up quickly as do popular workshop areas. We encourage online registration at:

www.sdsa.org/EYH

REGISTRATION FEE & WAIVER

After you register online, print out your registration form, and parental permission slip.

The non-refundable \$20.00 registration fee covers lunch and registration materials. Mail your completed forms and a \$20.00 check made out to EYH San Diego to:

EYH San Diego 2008 Conference
USDOL Women's Bureau
5675 Ruffin Road, Suite 310
San Diego, CA 92123

Fee-waived scholarships are available. If the \$20.00 registration fee is a hardship, please check the request for a fee waiver on your registration form.

Girls attend their own workshops with college mentors and a separate program is available for interested adults -- see registration information for adults in the Parents Program section.

SCIENCE TOPICS FOR GIRLS TO EXPLORE

On April 12th girls from all over San Diego County will conduct hands-on science activities with a variety of successful female scientists and professionals. On the enclosed student registration form, girls should choose their top two science workshop topics. Depending on availability, we will make every effort to assign girls to their top choices; however, we do want to EXPAND HORIZONS, so some workshop assignments may be a surprise.

1. **Biotechnology & Life Science** Discover how biological processes and organisms can be utilized to treat human disease and aid in a variety of industrial applications. Learn how advances in biotechnology are making the world a better place.
2. **Computer Science** Discover the newest technologies being used by computer scientists and learn how computer programs are designed.
3. **Engineering** Engineers build things and solve problems - learn how engineering skills are used to develop transportation systems, manufactured goods, clean energy and a myriad of other products and structures.
4. **Environmental Science** Discover how technology and research are used to protect our planet and learn about careers in geology, earth climates and paleontology.
5. **Forensic Science** Discover how scientists and crime scene investigators use science to solve crimes.

6. **Health and Medicine** Learn the basic techniques scientists use to study health and the human body, and discover what it takes to be a trauma nurse, physical therapist or a physician.
7. **Marine Science** Learn about the variety of disciplines used to study our oceans and their inhabitants.
8. **Mathematics & Physics** Math provides a foundation for solving problems in everyday life. Physics reveals the way things work. Both subjects are fundamental to many science-related careers.
9. **Space Science** Find out about the wonders of the night sky and how math and science are used to study the universe. Discover what it takes to work in space science.
10. **Veterinary Science** Learn how to work with family pets and working animals. Explore veterinary medicine for large animals.



KEYNOTE SPEAKERS

Adriana Vela

Adriana Vela is founder & Chair of NanoBioNexus. After 18 years of tracking leading-edge technologies in the high-tech industry and defining new markets, Adriana embarked in the Life Sciences arena through various client-led projects. In 2004, Adriana founded NanoBioNexus, a not-for-profit corporation focused on tracking nanotech applications in the life sciences. She leads a team of scientists and business professionals and has developed an international presence for NanoBioNexus as well as participation in a \$20 million, 5-year National Cancer Institute grant for the creation of a Center for Cancer Nanotechnology Excellence (CCNE).

With a long history in the business and technology worlds, she credits her success to a love of learning new things, taking on new challenges and expanding her own horizons on a daily basis. This perspective mirrors her family life which she shares with husband, Mike Milani, and two children, Nikita (13) and Arthur (7). Her hobbies include gardening, movies and entertaining and her favorite sports are martial arts, handball, backpacking and cross-country skiing.

