Careers in Math, Science and Technology

A Conference for 6th - 12th Grade Students

Saturday, Jan. 31, 2009 8:00am - 12:30pm

Pierce College Campus Community Center
6201 Winnetka Ave., Woodland Hills
Entrance for Campus Center on Mason & Victory Park in Lot 7

CONFERENCE HOST
San Fernando Valley Branch
American Association of University Women

AAUW presents the Brighter Horizons conference to give students an opportunity to experience and explore career options in Math, Science and Technological fields. The primary focus is motivating girls to excel in these subjects in school, so they will be prepared to take their place in today’s technological world. A large variety of technological professions are represented by the successful women who lead our workshops.

Conference Schedule

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<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00</td>
<td>Registration, Continental</td>
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<tr>
<td>9:00</td>
<td>Breakfast</td>
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<tr>
<td>9:00</td>
<td>Opening &amp; Welcome</td>
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<tr>
<td>9:45</td>
<td>10:25 Session A</td>
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<tr>
<td>10:40</td>
<td>11:20 Session B</td>
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<tr>
<td>11:35</td>
<td>12:15 Session C</td>
</tr>
<tr>
<td>12:15</td>
<td>12:30 Closing Session</td>
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FOR MORE INFORMATION
Email: Cindy Malone, Chair cmalone@csun.edu
Email: brighterhorizons@aauw-sfv.org
Website: www.aauw-sfv.org/brighterhorizons

The American Association of University Women advances equity for all women and girls through advocacy, education and research. In principle and in practice, AAUW values and seeks a diverse membership. There shall be no barriers to full participation in this organization on the basis of gender, race, creed, age, sexual orientation, national origin, disability or class.

Pre-registration is required. A non-refundable fee of $10.00 will cover materials & continental breakfast. Parents are welcome to register and attend workshops for a $10 non-refundable fee. The conference is limited to 200 participants. Workshops are filled in the order registrations are received. Apply early to be assured of chosen workshops.

Registrations should be returned with check by January 23, 2009 to AAUW, 16815 Kingsbury St. #315, Granada Hills, CA 91344-6403
WORKSHOPS & PRESENTERS

1. Architecture
Stephanie Ragle, MA, Southern California Institute of Architecture
Find out the role in design in shaping today’s world, and the responsibility and important opportunity that architects have to change the environment, to design through innovation, and to affect the way people live.

Dayanthie Weeraratne, Ph.D., Assistant Professor of Geology, CSUN
Learn about volcanos on earth and other planets.

3. Financial Traps That Harm Teenagers
Dorothy Strackbein Koetz, Certified Financial Planner, Regional VP, IRM Distributors
Credit card debt and consumer fraud can get you if you do not protect yourself.

4. Fun with Bugs
Jacquie O’Connor, Entomologist
Have you ever wondered what attracts mosquitoes? Find out about mosquitoes, plus see other interesting arthropods, such as a tarantula (dead) larger than your hand!

5. Biochemistry:
Paula Fischhaber, Ph.D., Assistant Professor of Chemistry and Biochemistry, CSUN
Basic research is the foundation for drug discovery. DNA Damage repair agents as future skin cancer treatments.

6. Biotechnology at the Cutting Edge
Sarah Henson, PhD and Veronica Menkinin
What do the scientists at biotechnology companies really do?

7. Chemistry and You
Leanna Levine, Ph.D., Business Owner and Scientist
Like M&Ms? Feel good in stretchy jeans? How about that iPod? Everything we eat, wear, and do is touched by chemistry. Learn how chemistry can help us live in harmony with our planet and how you can help make that happen.

8. Genetic Counselors
Claudia Cortes, Genetic Counselor Master’s degree candidate.
The perfect combination of science, counseling, and patient care. Find out how they help their patients.

9. Cardiology: Keeping Our Hearts Healthy
Cydney Stewart, M.D., Cardiologist
Cardiology is an exciting field of medicine that helps helps people in times of an emergency such as a heart attack. It involves all aspects of medicine and surgery and touches many lives.

10. Cell Biology and Germs
Mary-Pat Stein, Ph.D., Assistant Professor of Biology, CSUN
All living organisms, including bacteria, molds, fungi, yeast and you, are made of cells. Determining how cells function and how cells use one another to live, grow and multiply is a puzzle that scientists continually try to solve.

Elena Miranda, Ph.D., Assistant Professor of Geology, CSUN
What old earthquakes can tell us about future ones.

12. What is College Really Like?*
California State University College students in the College of Science and Mathematics
Discussions with College students about how they got there and where they are going

REGISTRATION FORM

First Name:________________________ Last Name:________________________ Phone #:________________________
Grade:__________Troop Leader/Teacher: ___________ School: ________________

Select your top FIVE (5) choices for the three workshops you would like to attend:
1. ________ 4. ________
2. ________ 5. ________
3. ______

Pre-registration is required. A non-refundable fee of $10.00 will cover materials & continental breakfast. Please make check payable to: AAUW SFV Branch
Send the registration form or copy and your check by Jan. 23, 2009 to:
AAUW, 16815 Kingsbury St. #315, Granada Hills, CA 91344-6403
For special needs, email Cindy Malone, Chair, cmalone@csun.edu prior to Jan 29.
Workshops are filled in the order registrations are received.