



**American Association of University Women Presents  
A Career Conference for Young Women  
Grades 6, 7 and 8  
Saturday, February 18, 2012, 8:30 AM to 12:30 PM  
Registration Fee: \$10.00  
Deadline to register: February 6, 2012  
Texas Woman's University**

## Why a career conference for girls?

Some of the most important and best paying future careers will be in math and science fields! Fields that are wide open for young women who are prepared! Classes in math and science in middle and high school will ensure that the doors of opportunity will be open to you. At the EYH conference, participate in fun hands-on workshops, and meet with women scientists and engineers. Discover what they do on their jobs, what education and skills are needed and how they balance family and career. Each workshop includes hands-on activities to help you get a "feel" for the career.



### Registration:

The \$10.00 registration fee includes refreshments and materials and **must be paid by the conference deadline of February 6, 2012.** (Schools that are paying for the event by Purchase Order must have issued the PO by the registration deadline and will pay the amount of the PO.) Invoices will be issued the day of the event. A mid-morning snack (**NOT LUNCH**) is provided. Registration is limited to the first 300 PAID registrants. Limited scholarships are available. To apply, contact Patsy Roe at 972.436.0932. If awarded, you will be given a scholarship code to use on your registration form. Registrations received without indication of funding will not be accepted.

### Directions:

([www.twu.edu/maps.asp](http://www.twu.edu/maps.asp)) From Lewisville, take I-35 North. Turn east on Hwy 380 (toward McKinney on University Drive) and right on Bell Avenue. The MCL Building, on the left, is at the corner of Bell Avenue and College Street. Park in lots near the building. Plan to arrive at TWU by 8:15 AM. If you are arriving with a school group, your information packet will be distributed by your teacher, otherwise, pick up your information packet in the foyer on the first floor of the MCL building. Once you've received your packet, students should gather in the auditorium. In case of inclement weather on the conference date, check the TWU website ([www.twu.edu](http://www.twu.edu)) to see if the campus is closed. The conference will be cancelled and there will be no refunds.

## HOW TO REGISTER

1. Go to [www.expandingyourhorizons.org](http://www.expandingyourhorizons.org)
2. Select "Texas" from the list of states
3. Scroll down to EYH Denton Conference Information
4. Click the "Register" button.
5. Complete the registration form

You will need to know:

- Your Name
- Your Full Address (including zip code)
- Your Phone Number
- Your Email address (and/or a parent/teacher Email address)
- Your School
- Your Grade
- Your Top Six Workshop Choices (see back of flyer or information online)

6. Indicate method of payment.
  - if by check, print and sign release form (online) and mail with payment.
  - if by scholarship, call Patsy Roe as indicated above, print and sign release form (online), indicating scholarship code and mail.
  - if your school is paying for you, or collecting your fee and release forms, indicate "my school is paying for me". Turn signed release form into your teacher.
  - if paying online by credit card, proceed to Google Checkout site. Print and sign the release form. Mail or bring with you the day of the event.

**Mail Release Forms and Payment to:**  
**EYH Denton**  
**Renee Sims**  
**2636 John Drive**  
**Denton TX 76207**

Mail payment or release forms to Denton EYH, Renee Sims, 2636 John Drive, Denton TX 76207.

**NOTE: Unpaid registrations will be cancelled on the registration deadline and students on the wait list will be accepted. Registrations indicating that "School is paying" will be considered paid if PO has been received.**

# Looking at the Future - Career Exploration Workshops

**(A) Wildlife Detective** - Texas Game Wardens are responsible for law enforcement off the pavement. Unlike TV shows, Game Wardens do much of their own crime scene investigation, and more often than not, their witnesses can't talk. Learn how they use math and science through a series of hands on activities to solve wildlife crimes., *Chelle Mount and Tricia O'Neill Game Warden, Texas Parks and Wildlife*

**(B) Why Does Popcorn Pop?** - Why does Popcorn Pop, from a food scientist view? Learn how to weigh and season popcorn. Everyone will get to taste the end results., *Eve Lawson, Frito-Lay*

**(C) Puzzles of the Past** - What was going on 100 years ago, 1000 years ago, or 1,000,000 years ago? Learn how archaeologists put together clues from the past to teach us more about our history., *Dr. Lisa Nagaoka, Assistant Professor of Archaeology, UNT (Updated for 2012)*

**(D) The Beauty of Cosmetic Science** - Prepare a cosmetic lotion. Learn about product development and careers in cosmetics., *Michelle Alessandro, Mary Kay Cosmetics*

**(E) Getting Cheeky With DNA** - DNA is the basic stuff of life. You will extract your own DNA and get to take it home in a necklace., *Dr. Laura Hanson, Department of Biology, TWU*

**(F) Heart Smart** - What does the heart really do? Learn how the heart works and why it is so important to the rest of the body. You will get to listen to your own heart beat, learn how to take your pulse and blood pressure, and get a chance to see how we record what the heart does on paper. *Vicki Zeigler, Phd. RN.*

**(G) Picture Perfect Skin** - What must it be like to have really bad acne or skin cancer or to treat one of the many conditions that affect hair, skin or nails. Become a patient, a doctor, or just come to learn about having picture perfect skin. Interactive dermatology workshop. *Lisa Ostrowski, Physicians Assistant*

**(H) Who are you?** - Students will don lab coats, gloves and safety glasses and become a DEA Forensic Chemist for an hour, identifying an unknown substance using field tests and instrumentation utilized by DEA chemists on a daily basis., *Denis Gara and Angela Smith, Forensic Chemists, Drug Enforcement Agency*

**(I) The Science of Smiles** - An interactive exploration of how science, math and technology are used by dental hygienists in everyday practice to help people maintain pretty smiles., *Dr. Chris Beatty, Dental Hygiene, TWU*

**(J) Food for Thought** - Biochemistry in the kitchen. Discover the principles of biochemistry with items found in a common kitchen. See how by tasting, testing and more., *Carolyn Sacco, Outreach Committee of the Post-doctoral Association at UT Southwestern.*

**(K) Slime, Sludge & Silly Putty** - Science is all about precision. Discover the importance of precision and how different weights and measurements impact your experimental results., *Brittany Mason, Outreach Committee of the Post-doctoral Association at UT Southwestern.*

**(L) A Day in the life of a Consultant/Actuary** - What's an Actuary? Come to this brand new session and learn how math ties into our daily lives. *Elizabeth Graser and Shirley Francis, Towers Watson Professional Services*

**(M) Alice: The 3D adventure** - Make your own animated movie with Storytelling Alice! Learn how computer programming plays a key role in both animation and video games., *UNT Society of Women Engineers*

**(N) Problem Solvers** - So you have a problem, who are you going to call? An Engineer of course. Learn about the types of problems engineers can solve and try your hand at proposing design solutions. , *The Women Engineers of Peterbilt*

**Adult Conference, 9:00 - 11:55AM,** - Special session for adults who mentor Middle School girls - While your student attends workshops to expand her horizons, a special conference is offered just for you. Guest speakers will explore topics that include how to access financial aid for higher education, what courses should your student take in High School, how to use a graphing calculator, and much more. Adult workshop is free, but participants should register so that an accurate number of materials can be prepared. See directions for registration on front of flyer.

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## Note to Parents/Chaperones:

Students are fully supervised and not permitted to leave the MCL building during the EYH conference. Class size is limited. **Adults are not permitted to register for, nor attend student workshops.** An adult conference is offered free those wishing to attend.

**Adults who stay at the event must either attend the adult sessions or remain in the lobby or commons area on each floor.**