

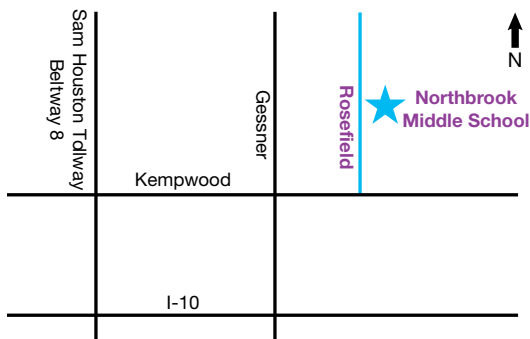


Expanding Your Horizons

in Science & Mathematics

...will change her view of her future.

- Registration begins 1/9/12; ends 2/15/12 or with 450 participants
- Pre-registration required; no registrations at the door
- One registration form per participant; photocopy registration form or download it from our website as needed
- Mail registration forms to AAUW/EYH, PO Box 821125, Houston, TX 77282-1125



Need more information?

visit www.eyhhouston.org
or email eyhhouston@gmail.com

InfoLine
Rose Ennis, Chair, 281-755-6483

20th Annual Conference for Young Women

in Grades 6, 7 and 8,
Their Teachers, Parents,
Counselors and Leaders

Saturday, March 3, 2012

8:00 am – 3:15 pm

*Northbrook Middle School
3030 Rosefield
Houston, TX 77080*

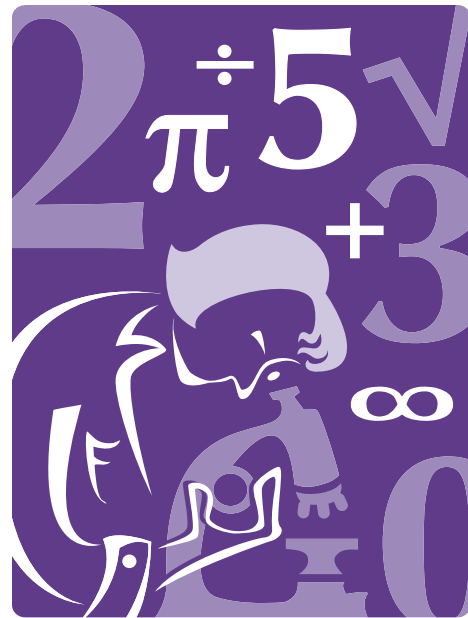
Sponsored by



Breaking through Barriers

**American Association of University Women
West Harris County Branch AAUW**

Expanding Your Horizons



Expanding Your Horizons in Science & Mathematics

will motivate girls to:

- Pursue careers in science, technology, engineering, and mathematics (STEM)
- Take math and science courses to prepare for careers in STEM professions
- Become innovative and creative thinkers ready to meet 21st century challenges

EYH Schedule

| | |
|----------|-------------------------------------|
| 8:00 am | Check in/Light breakfast |
| 9:00 am | Opening Session Keynote Speaker |
| 10:00 am | Morning Session 1 |
| 11:00 am | Morning Session 2 |
| Noon | Box Lunch Provided |
| 12:45 pm | Afternoon Session 1 |
| 1:45 pm | Afternoon Session 2 |
| 2:45 pm | Drawing for Door Prizes and Closing |
| 3:15 pm | Student Pick-up |

Transportation Assistance

A limited number of bus grants are available for the actual cost of the bus (up to \$1000). To be eligible, you must register a minimum of 20 girls by February 7, 2012. Registration may be combined with other schools/organizations to meet the 20-girl minimum. Please see www.eyhouston.org for details and application form.

Free EYH T-Shirt

Wear your EYH t-shirt during the conference. Look for a t-shirt coupon in your registration folder!

Student Sessions

During the EYH conference, a girl will attend four small classes in which she will meet a professional woman who works in math, science, or technology every day.

Each woman will share with the girls how she became interested in the field, what she does on a day-to-day basis, what rewards she receives, and what preparation was required for the job. A hands-on project is usually included to illustrate the scope of the vocation.

Health and Medicine in Action

Morning Category A

Afternoon Category J

These sessions are devoted to professions that help keep you active and healthy. They help keep your vision sharp, your teeth white, and your body fit. They help keep your vision sharp, your teeth white, and your body fit. These professions may include:

| | | |
|--------------------------|----------------------|-----------------------|
| Chiropractor | Epidemiologist | Physician |
| Clinical lab scientist | Immunologist | Physician's assistant |
| Dentist/Dental hygienist | Medical technologist | Physical therapist |
| Dietitian | Nurse | Sports psychologist |

Math Makes Money

Morning Category B

Afternoon Category K

Learning your way around the business world can yield valuable monetary results. These sessions are presented by women whose careers depend on knowing and using math to run businesses, evaluate purchases and sales, and manage finances. Come share the ins and outs of using math in the real world. These professions may include:

| | | |
|-------------------|---------------------------|-------------------|
| Attorney | Stock trader | Corporate auditor |
| Financial advisor | Communications specialist | Accountant |

Sensational Science

Morning Category C

Afternoon Category L

You are in the heart of the science world when you experience one of these sessions. These scientists will fascinate you with the things they know and how you benefit from their knowledge every day. You will be amazed at the secrets they reveal while sharing their experiences. These professions may include:

| | | |
|---------------|----------------|--------------------|
| Geographer | Microbiologist | DNA researcher |
| Chemist | Geologist | Science specialist |
| Archaeologist | | |

Engineering & Design Adventures

Morning Category D

Afternoon Category M

The women who present these sessions are responsible for designing, building and operating everything in – and out of – the world around us. These professions may include:

| | | |
|---------------------|--------------------|--------------------------|
| Electrical engineer | Architect | Process control engineer |
| Chemical engineer | Patent attorney | Environmental engineer |
| Civil engineer | Petroleum engineer | Biomedical engineer |

Nature's Treasures

Morning Category E

Afternoon Category N

You will be amazed at the stories these professional women share as they introduce you to the careers they have chosen in the animal kingdom. Animals play an important part in the health and well-being of our world. These professions may include:

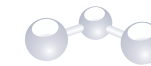
| | | |
|--------------|------------------|----------------|
| Veterinarian | Reptile rehabber | Animal trainer |
| Biologist | Wildlife rescuer | Naturalist |



Sessions for Adults

While the students are busy exploring math and science careers, parents and teachers are invited to attend sessions designed especially for adults.

- **AA (AM)**–Liz Rushing, MS, MEd, Middle School Counselor; D'Ann Franklin, LPC, High School Counselor: Tween to Teen: Helping Middle School Girls Transition to High School
- **BB (AM)**–Robert Stevenson, CPA: Paying for College: Tax Strategies and Financial Aid
- **CC (AM)**–Dr. Kathryn Peek, PhD, AVP for Health Initiatives (UH): New Outlook for Careers in Health, Science, and Technology
- **DD (AM)**–Dr. Beth Dennard, EdD, Educational Consultant: College Treasure Hunt: Finding the Right Major, Campus, and Aid
- **EE (AM)**–Arlene Baker, Psychotherapist, LCSW: Mother/Daughter Myths
- **FF (AM)**–Valerie Barnhill, Mathematics Educator: Using Excel for Analyzing Statistics



- **KK (PM)**–Robert Stevenson, CPA: Paying for College: Tax Strategies and Financial Aid
- **LL (PM)**–Ruth Fowler, Psychologist, LCP: Enhancing Your Daughter's Self Esteem
- **MM (PM)**–Dr. Betty Cartmell, PhD: Study Skills and Skillsets
- **OO (PM)**–Jean King, Art Educator, Artist: Geometry and Origami
- **PP (PM)**–Sandra Newton, Educational Consultant: College Planning from Middle School
- **RR (PM)**–Bon Crowder, MS, Math Consultant: Math Teaching/Tutoring Techniques



Great Door Prizes!

Thanks to our sponsors and donors, you can win some great prizes at the closing session:

- Twenty \$100 bills to teachers present
- iTunes gift cards
- Tickets to area STEM-related attractions



Our Thanks

to the corporations and foundations that make EYH possible each year:

- ExxonMobil Foundation**
- Omron Foundation**
- The Simmons Foundation**
- Spectra Energy**
- CenterPoint Energy
- Marcella & Daniel Watkins
- Marathon Oil Match Program
- Bechtel Corporation
- Space Center Houston
- Afton Village Women's Club
- H-E-B
- Whole Foods Market