

Expanding Your Horizons in Science and Mathematics

The American Association of University Women, West Harris County Branch
in affiliation with the Expanding Your Horizons Network presents

The 18th Annual Conference
for Young Women
in Grades 6, 7 and 8,
Their Teachers,
Parents and Counselors



Saturday, March 6, 2010
8:00 am - 3:15 pm
The Rice School/
La Escuela Rice
7550 Seuss Drive
Houston, Texas 77025



Registration Form - Expanding Your Horizons

Saturday, March 6, 2010

How to Register: Registration opens Thursday, Jan. 7, 2010. Complete a registration form for each participant (parent + daughter = 2 forms). Submit only original signed copies. If paying by check, please include a check for \$6 per person made payable to West Harris County AAUW/EYH. If paying by credit card, please visit www.aauw-whc.org/eyh for instructions. You will receive a postcard confirming your registration. No registrations will be taken at the door. Space is limited. Register early!

Deadline: Although we do not have an official deadline, registration closes when enrollment reaches 600 students. If you are registering after February 1, please visit www.aauw-whc.org/eyh to see if we are full before mailing your application(s).

Mailing Address: West Harris County AAUW/EYH, P.O. Box 821125, Houston, TX 77282-1125

Tell Us About You (Check one): Grade 6 Grade 7 Grade 8 Parent Teacher Other

Please check here if a parent (mom or dad) will also attend and has attached a separate registration form and paid \$6

Please Print Clearly in Blue or Black Ink:

Last Name: _____ First Name: _____

School District: _____ School: _____

Group Leader (if applicable): _____ Group Leader's Email (if applicable): _____

Home Address: _____ Apt No: _____

City: _____ State: TX Zip: _____

Home Phone: _____ Responsible Adult's Email: _____

Ethnicity (check one): African American Asian Caucasian Hispanic Native American Other

Is English the language your family usually speaks at home? Yes No Is this your first EYH conference? Yes No

Tell Us What Categories or Sessions You'd Prefer: Everyone will attend up to 4 sessions. Students, please circle a different letter for each category you want. Our computer will then make every attempt to randomly assign you to 4 sessions within the categories you choose (first-come, first-served). Adults, please write in which adult sessions you'd prefer. **If you do not make any choices, our computer will make them for you.**

(Example: 1st Choice: A (B) C D E F 2nd Choice: A B C (D) E F)

Student Registration - Morning Categories (A-F):

1st Choice: A B C D E F 2nd Choice: A B C D E F 3rd Choice: A B C D E F

Student Registration - Afternoon Categories (J-O):

1st Choice: J K L M N O 2nd Choice: J K L M N O 3rd Choice: J K L M N O

Adult Registration - Morning Sessions (AA-HH):

1st Choice: _____ 2nd Choice: _____ 3rd Choice: _____

Adult Registration - Afternoon Sessions (KK-PP):

1st Choice: _____ 2nd Choice: _____ 3rd Choice: _____

Lunch: Everyone will receive lunch at no extra cost. If you have special dietary needs, please bring a sack lunch.

Student Permission Slip: Must be completed by parent or guardian and may contain no strikeouts. This is NOT a bus permission slip.

My daughter, _____, may participate in the EYH Conference on Saturday, March 6, 2010. I understand that while in attendance she will be asked to evaluate the conference and may be photographed or videotaped for EYH promotional purposes.

During the conference, I may be reached at _____ (Phone)

Legible Signature: _____ Print Name: _____

If I cannot be reached in the event of an emergency, the following adult may act on my behalf:

Print Name: _____ Phone: _____



Schedule

8:00 AM	Check-in Light Breakfast
9:00 AM	Opening Session in the Auditorium - Keynote Speaker
10:00 AM	Morning Session 1
11:00 AM	Morning Session 2
NOON	Box Lunch Provided Cafeteria / Gym
12:45 PM	Afternoon Session 1
1:45 PM	Afternoon Session 2
2:45 PM	Door Prize Drawings and Closing
3:15 PM	Student Pick-up

Assistance with Transportation

A grant of \$200 will be provided towards transportation for the first 15 groups who have 20 girls, with paid registrations, received by Feb. 6, 2010, by EYH/WHC-AAUW. Please see www.aauw-whc.org/eyh for the application form.

Free EYH Commemorative T-Shirt

Look for
a coupon
in your
registration
folder.

Student Sessions

Healthy, Wealthy and Wise — Morning Category (A), Afternoon Category (J)

These sessions are devoted to subjects that help keep you active and healthy. You benefit from the work these professionals do when you visit a doctor with a sore throat or pulled muscle or turn down a cigarette. They help you keep your vision sharp, your teeth white and your body fit. You're in good health and good hands with one of these dedicated women!

- Looking at You...What Do You Do? — counselors & teachers Barbara Cofer and Maureen Madden
- Opt for Wellness — chiropractor Norri J. Collier, DC
- Fun With Food — dietitian Michelle Crow, RD
- Healthy Mouth = Healthy Body — dental hygienist Lori Gonzales, BSDH
- The Mind & You — school psychologist Paula Trammell Harris, LSSP
- Fitness, Motivation & Fun — sports psychologist Susan McClure
- Making Life Better Through Movement — physical therapist Janna McGaugh

Medical Science in Action — Morning Category (B), Afternoon Category (K)

This group of sessions is dedicated toward the kind of medicine you don't generally see when you make an appointment with your doctor. The women who make these presentations specialize in fields that require unusual skills and result in research that advances the frontiers of medicine by using science and math to solve medical problems on a small and large scale.

- Bugging Out with Germbusters! — immunologists and medical technologists Nassima Matskevitch, Roohi Saeed, Isela Andrade, and Kim Monte (Quest)
- Make Good Smiles Great! — pediatric dentist Rita Cammarata, DDS
- Explore Common Laboratory Instruments — clinical lab scientists Jane Finley and Nancy Berry
- Exploring Nutrition & Cancer Sciences — nutritional epidemiologist Michele Forman, PhD
- A PA Cares for Me! — physician's assistant Debra Munsell, PA
- Connect the Dots — epidemiologist Andrea Shelton, PhD
- Engineering the Human Body — biomedical engineer Veronique Tran, PhD
- Diagnostic Medical Sonography — instructor Elizabeth Ho
- The Rewarding World of Physical Therapy — physical therapist Jan Myers

Math Makes Money — Morning Category (C), Afternoon Category (L)

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 with one of these professionals.

- It's Not Monopoly Money — attorney Amalia Berrios
- The Stock Market: Bulls, Bears & Pigs! — stock trader Rosanne Dillon
- The 92% Solution — financial advisor Diane Statham
- Plan a Party Using Project Management Skills — communication specialist Mary Ellen Hernandez
- Auditing – Checks & Balances — corporate auditor Carla Kneipp

Student Sessions

Sessions for Adults

Simple Science — Morning Category (D), Afternoon Category (M)

You're 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'll be amazed at the secrets they reveal while sharing their experiences. Get out your test tubes and pull on your rubber gloves. This is pure science!

- What Hazards Do You Face? — geographer Sara Garrett
- Through the Microscope: Finding Friends & Foes — microbiologist Lisa Morano
- Hands on Chemistry — chemist Mamie W. Moy
- Geology Rocks! — geologist Sandy Rushworth
- A Bag of Changes — chemist Dana E. Gheorghe
- Hands-on with Science — science specialist Althea Menard, chemist Dr. Urline Hollins-Francis and student Danielle Menard
- Fun with Gas — chemical engineer Megan Evans
- What's Your DNA Got to Do with It? — Kirbie Clarke

Engineering and Design Adventures — Morning Category (E), Afternoon Category (N)

The women who present these sessions are responsible for designing, building and operating everything in — and out of — the world around us. Their unique combination of science and math applications make these women naturals for this conference. These problem solvers love a challenge and demonstrate this in a wide variety of jobs.

- An Electrical Girl in a Chemical World — electrical engineer Kristin Clermont
- "Bark-itecture" — architect Hannah DeFord
- Discover the Engineer in You! — process control engineer Susan Flowers
- Why Engineering? — chemical engineer Marianne Maximous
- Is There an Engineer in You? — college recruiter Allison D. Swenson
- Invention -- the Mother of Society — patent attorney Marcella Watkins
- My Space: Designing Your Perfect Bedroom — architectural intern Alexis McKinney
- Air Pollution: Could It Impact You? — environmental engineer Janet Greenberg
- Women in Railroad Engineering — civil engineer Megan McIntyre
- What Lies Beneath – a Career in Petroleum Engineering — petroleum engineer Sheri Henriksen

Animal Kingdom — Morning Category (F), Afternoon Category (O)

Veterinarians, vet paramedics, zookeepers and marine and wildlife biologists all cater to the beasts – wild and domestic – who share our space and inhabit our world. You'll be amazed at the stories these professional women share as they introduce you to the careers they've chosen in the kingdom of the animals.

- A Day in the Life of a Veterinarian — veterinarian Sue Chen, DVM
- Rocking Reptiles — reptile rehabber Gina L. Disteldorf
- Caring for the Champions of Medicine — animal trainer Jamieson L. Greaver
- Why I Love Bugs — biologist Nancy Greig
- Careers in Wildlife Rehabilitation — wildlife rescuers Rebecca McKeever and Stephanie Lubianski
- Adventures in Animal Training — urban trails trainer Christa Meyer
- The Story Very Old Bones Can Tell — geologist Shirley Smalley, BGS
- Butterflies — Caroline Willasy
- A Log Cabin — naturalist Pat Marks

While the students are busy exploring math and science careers, parents and teachers are invited to attend educational sessions of their own. Parents can learn how to ready their daughters for college, how to assist them in spending money wisely, and how to help them deal with the challenges facing today's teenagers. Teachers can exchange ideas with other educators and pick up tools for the classroom.

Morning Sessions

- AA** Web 2.0 Resources — technology teacher Elena De La Rosa
- BB** Mother/Daughter Myths — psychotherapist Arlene Baker, LCSW
- CC** Smart Girls - Right College — educational consultant Beth Dennard, EdD
- DD** Raising Money Smart Kids — Suzanne Fails, CPA, CFP
- EE** Paying for College, Tax Strategies & Financial Aid — Robert Stevenson, CPA
- FF** How to Ensure Your Daughter's Financial Success — financial consultant Laury Adams
- GG** Becoming Media Savvy: Guarding Against Cyber Bullies & Social Networking — library media specialist Erin Kellie
- HH** New Outlook for Careers in Health, Science & Technology — Katherine Peek, PhD, AVP for Health Initiatives (UH)

Afternoon Sessions

- KK** Cool Math Websites — teachers Susan Troutman and Betsy Shipper
- LL** Serious Games? No Kidding! — games evaluator Irmgard Willcockson, PhD
- MM** Enhancing Your Daughter's Self Esteem — psychologist Ruth Fowler, LCP
- NN** College Smarts: Motivating, Advising and Preparing Students, Parents for the College of Tomorrow — educational consultant Sandra Newton
- OO** Integrating Math & Science — math teacher Valerie Barnhill
- PP** Practical Origami and Geometry — art educator/artist Jean King

Expanding Your Horizons Conference Goals

The Expanding Your Horizons in Science and Mathematics™ Conference is designed to nurture the interest of middle school girls in math, science and technology and expand their career vision in these areas. EYH fosters an awareness of opportunities in science- and math-based careers for women. The girls have the opportunity to meet and interact with women using math and science in their professions and participate in fun and exciting hands-on workshops. EYH encourages young women to study as much math and science as possible by showing them the benefits of education and its relevance to their lives. EYH seeks to create a culture that says, "It's cool for girls to become scientists, technologists, engineers and mathematicians."

Funding for 2010 EYH Conference

Benefactors

(\$5,000 - \$10,000)

ExxonMobil

Sponsors

(\$1,000-\$4,999.99)

CenterPoint Energy
Federation of Houston
Professional Women
The Simmons Foundation
Spectra Energy

Friends

(Up to \$999)

Bechtel Corporation
Blue Willow Bookshop
HEB
Houston Museum
of Natural Science
John P. McGovern Museum
of Health & Medical Science
Don and Marcella Watkins
United Intertrade, Inc

Don't Miss Your Big Chance

Great Door Prize Drawings at 2:45 PM

- **Gift Membership to The Health Museum** Learn to be good to your "amazing body." Enjoy free admission to the museum plus discounts for museum-sponsored programs.
- **Tickets to Space Center Houston** Tour the Johnson Space Center. Venture into the final frontier.
- **Tickets to the Houston Museum of Natural Science.** Learn about the wonders of science with this family 4-pack of tickets.

Introducing the Gwen Robberson Memorial Teacher Honorarium – In memory of longtime EYH volunteer, Gwen Robberson, the EYH Steering Committee is pleased to announce that in 2010 all honoraria awarded to teachers will bear her name in recognition of her many years of service as a Houston-area teacher.



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 7550 Seuss Drive, Houston, TX 77025

- **Registration closes when announced on our web site or info line.**
- Register Early! We accept the first 600 girls who apply.
- One registration form per participant. Photocopy the registration form or download it from our website as needed.
- Pre-registration required. No registration at the door.
- Bring the postcard confirming your registration for express check-in at the conference.

Need more information?
 Web: www.aauw-whc.org/eyh
 Email: eyhinfo@aauw-whc.org
 Info Line: 713-780-3351

