

**Expanding Your Horizons— Advisory Board**

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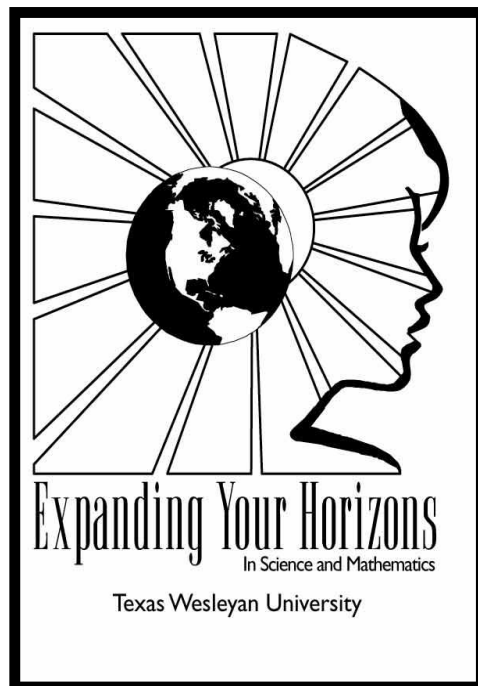
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Delta Sigma Theta Sorority, Inc.

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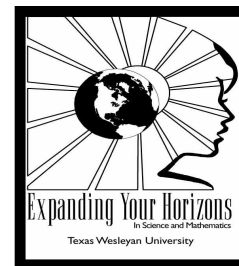


# 21st Annual Science & Mathematics Conference For Girls

April 4, 2009

9:00 am – 3:00 pm

Sid Richardson Center at  
Texas Wesleyan University



## Program Schedule

- 9:00-9:25 a.m. Registration
- 9:30 a.m. Opening Session:  
Chemistry Magic
- 10:30 a.m. Workshop 1\*
- 10:40 a.m. Adult & Teacher Wkshp
- 11:25 a.m. Workshop 2\*
- 12:10 p.m. Pizza Lunch &  
Door Prizes
- 12:50 p.m. Workshop 3\*
- 1:00 p.m. Adult & Teacher Wkshp
- 1:45 p.m. Workshop 4\*
- 2:30— 3 p.m. Finale

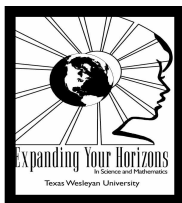
\*Student Workshops ONLY

Special Thanks to our Host:



*Thank You to the following for their  
financial support & door prizes:*

- Botanical Research Institute of Texas
- Connection Bookstore
- Crystelle Waggoner Charitable Trust
- Dallas Zoo
- Delta Sigma Theta Sorority, Inc.—  
Fort Worth Alumnae
- Educational Service Center, Region XI
- Falcon Graphics
- Fort Worth CATS**
- Fort Worth Independent School District
- Fort Worth Museum of Science & History
- Fort Worth Zoo
- Girls Scouts of Texas Oklahoma Plains, Inc.
- IBM
- Jamal Khatib, DDS  
Sania Khatib, DDS
- Kwik Kopy— Handley Drive
- Lockheed Martin Aeronautics
- Mama's Pizza
- Mrs. Baird's Bakery
- Putt Putt Golf & Games
- Tarrant County College
- Texas Brahmas Hockey Club**
- Texas Instruments
- Texas Rangers Baseball Club
- Texas Wesleyan Chemistry Department
- Texas Wesleyan Upward Bound Math & Science
- Texas Wesleyan Student Volunteers



Opening Session:  
***Chemistry Magic Show***  
Dr. Kathy Prater  
& Texas Wesleyan Women  
Texas Wesleyan University

**National Anthem**

Jennifer Jackson

## Workshop Presentations

***KISS, Keep It Simple and Silly***

America Amador & Elizabeth Oberle  
Bell Helicopter

***Forensic Art: Mysterious Faces***

Rachel Benson  
University of Texas at Arlington

***Engineers—We Hook It Up***

Dr. Becky Bittle  
Texas Christian University

***Cinderella Syndrome***

Daphne Brookins  
Presbyterian Night Shelter

***Learning from and Embracing  
the Aging Homeless***

Stephanie N. Broussard  
Area Agency on Aging

***Budgeting Basics***

Lisa Cassell—ESI Distribution Ltd

***Genes, Codes and Messages***

Mary Ann Clark  
Texas Wesleyan University

***Launching Your Career***

Andrea Chavez, Kyla Welch & Raven Honsaker  
Bell Helicopter—Textron

***Meteorologist - Working  
at a Television Station***

Samantha Davies  
NBC 5

***I Think I Can.....I Think I Can***

Dr. Karen Davis  
Burlington Northern Santa Fe Railroad

***Green Teens: Making Less  
Trash for Sustainable Living***

Lori De La Cruz  
Blue Marble Media, LLC

***Slime: The Polymer***

Loraine S Dieckmann  
Texas Wesleyan University

***Generating a Spark of Interest***

Lillian Dukes, Averyl Pinto & Matt Krause  
American Eagle Airlines

***Magic of Flight***

Cathy Ferrie & Xiaoming Li  
Bell Helicopter—Textron

***How to be a Veterinary Surgeon?***

Joanne Franks  
Dallas Veterinary Surgical Center

***Welcome to America!***

Mary Beth Garcia  
Justice For Our Neighbors

***Diagnosis Detectives***

Brenda Garris & Joyce Pringle  
Arlington Memorial Hospital Laboratory

***Women in Dentistry***

Angie Gonzales, Carla Lopez & Dr. Sandra McCarthy  
Texas A&M University System Health Science Center  
Baylor College of Dentistry

***See a Need, Fill a Need: Life as an Engineer***

Mary Gonzales  
Lockheed Martin Aeronautics

***Wings of Wonder***

Dawn Gordon  
FedEx Kinko's/Thousand Words Photography

***Magical Mathematics***

Rhonda Hatcher  
Texas Christian University

***Designing Your Future in Architecture***

Cynthia Henderson  
Hahnfeld Hoffer Stanford Architects Planners Interiors

***Creative with “Kapow!”***

Jennifer Henderson  
JODesign

***Mental Health***

David Howard & LaVern Mason  
Empower Me, Inc.

***Chemistry of Toothpaste***

Shelli Hull, Ph.D.  
Tarrant County College—South Campus

***Huh! What did you say?***

Maricia D.C. Johns  
Johnswrite/Fort Worth Independent School District

***Flying High with Aviation***

Dr. Ingrid Knox  
Federal Aviation Administration

***Catch a Rising Star!***

Linda Krouse  
Fort Worth Museum of Science & History

***Red Light/Green Light***

Jennifer Kuehn & Alma Ramirez  
Federal Aviation Administration

***Financial Education***

Sativa Leach-Bowen  
Citigroup

***Impressions of the Dental World***

Delphine Lehman, RDH &  
Emily Laymance, RDH  
Ken Wallace D.D.S

***How will NASA return to the moon?***

Melissa Lewis  
Paradigm Accelerated Charter School

***Life as a Women Fire Fighter***

Shonna Moorman  
Fort Worth Fire Department

***Fabulous Fossils***

Dana Mounce  
Fort Worth Independent School District

***Isolate DNA from anything in your kitchen!***

Amber Ondricek  
UNT Health Science Center

***What's a Good M&M?***

Teri Savage  
Motorola

***Primary Care Medicine***

Lisa Thompson, FAC  
Dallas Geriatric Associates

***Cartographer for Life: Helping people  
through Financial Planning***

Ellen Timberlake-Volz, MBA, CFP  
Ellen Timberlake Insurance & Investments

***Safe Sleep During Surgery***

John Uselding, Anna Maria Boyce, Secherre Carothers,  
Nicole Corbell, Kelly Curbow, Danielle George,  
Natalie Hall, Suzanne Harrington, Megan Liffler,  
Regina Leuple, Mary Mariner, Catherine Nededog,  
Sam Roberts, Mary Schmettz & Madonna Sisson  
Texas Wesleyan University  
Graduate School of Nurse Anesthesia

***Race for the Future—  
Alternate Energy Sources***

Ron Whitson  
IBM

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## Adult Workshop Presentations

***Preparing Our Young  
Women For Life & College***

Andrew Ha  
Weatherford College

***Your Finances:***

***What You Don't Know to Ask***  
Ellen Timberlake-Volz, MBA, CFP  
Ellen Timberlake Insurance & Investments

***Are You Smarter Than a 5th Grader?***

Pam Alenik  
Joshua ISD

Judy Austin  
FWISD