

## Expanding Your Horizons

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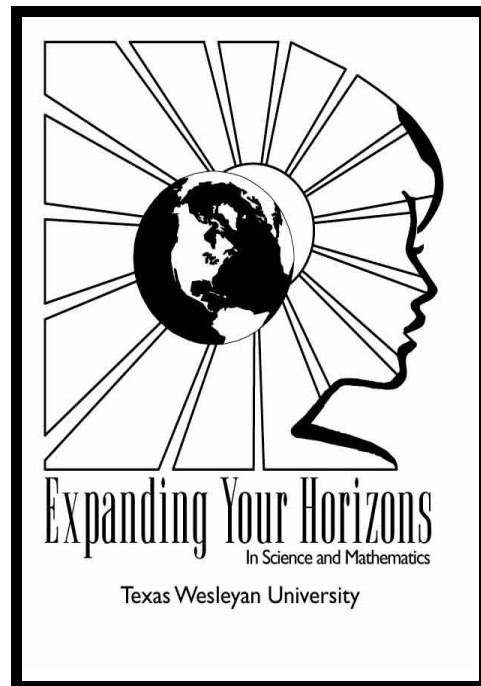
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**Katherine Prater**  
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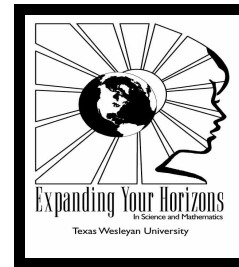


# Science & Mathematics Conference for Girls

March 31, 2007

9:00 am – 3:00 pm

Sid Richardson Center at  
Texas Wesleyan University



## Program Schedule

9:00—9:25 am	Registration
9:30 am	Opening Session: Chemistry Magic Show
10:30 am	Workshop 1*
10:40 am	Adult & Teacher Workshop
11:25 am	Workshop 2*
12:10 pm	Pizza Lunch & Door Prizes
12:50 pm	Workshop 3*
1:00 pm	Adult & Teacher Workshop
1:45 pm	Workshop 4*
2:30—3 pm	Finale

\*ONLY Student Workshops

Special Thanks to our Host:



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

Alcon Foundation

AAUW—Fort Worth

Botanical Research Institute of Texas

Coca-Cola Enterprises Bottling Companies

Connection Bookstore

Crystelle Waggoner Charitable Trust

Educational Service Center, Region XI

Falcon Graphics

FedEX Kinko's

Fort Worth CATS

Fort Worth Independent School District

Fort Worth Museum of Science & History

Fort Worth Star Telegram/NIE

Fort Worth Zoo

Girls Scouts—Circle T Council, Inc.

IBM

Lockheed Martin Aeronautics

Mama's Pizza

Mrs. Baird's Bakery

Putt Putt Golf & Games

Raytheon

Silver Wheel Skating Center

Six Flags Over Texas

Tarrant County College

Texas Instruments

Texas Christian University

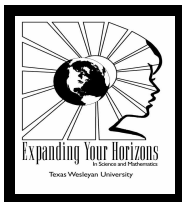
Texas Rangers Baseball Club

Texas Wesleyan Chemistry Department

Texas Wesleyan Upward Bound Math & Science

Texas Wesleyan Student Volunteers

Dallas Zoo



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

**National Anthem**  
Jennifer Jackson

## Workshop Presentations

### **Orthopedic Surgery & Sports Medicine**

Bonnie Ahrens PA-C  
Orthopedic Specialty Associates

### **Magic of Flight**

Crystal Amburgery, Cathy Ferrie,  
Jennifer Langston & Xiaoming Li  
Bell Helicopter—Textron

### **The Case of the Missing Face**

Suzanne Baldon  
University of Texas at Arlington

### **Engineers—We Hook It Up**

Dr. Becky Bittle  
Texas Christian University

### **Making a Last Impression**

Vanda Bourgeois, RDH, Olive Felix, RDH, Delphine  
Lehman, RDH & Jessica Weyman, RDH  
Registered Dental Hygienists

### **Cinderella Syndrome**

Daphne Brookins

### **Breaking the Code**

Chitra Chandrasekaran  
Texas Wesleyan University

### **Secret Codes and Genetic Messages**

Mary Ann Clark  
Texas Wesleyan University

### **Walking Tall**

Cecilia Concha,  
Texas Scottish Rite Hospital for Children  
Hannah Crane, Jayne Drummey, Haley Branch, Brittany  
Stresing & Christina Rock  
UT Southwest Medical Center

### **Molecules with Personalities**

Susan Darr  
Martin High School

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

Karen Davis  
Burlington Northern Santa Fe Railroad

### **Computer Chat**

Wilma Davis  
Bell Helicopter—Textron

### **Make High School Count**

Monica DeLancy  
Texans Can Academy

### **Accounting For Your Future**

Terri Dickson  
Tom Gragg, CPA

### **Robots in Our Lives!**

Carmen Elbert  
Tarrant County IT

### **What it's like to be a Veterinary Surgeon?**

Joanne Franks  
Dallas Veterinary Surgical Center

### **Welcome to America!**

Mary Beth Garcia  
Justice For Our Neighbors

### **TV News: What's the 411?**

Kyna Griegsby  
Anchor, KRBC

### **Diagnosis Detectives**

Brenda Garris & Joyce Pringle  
Arlington Memorial Hospital Laboratory

### **My First Love!**

Sylvia Godoy  
Lockheed Martin Aeronautics

### **Launching Your Career**

Raven Honsaker, Jessica Landes, Pauline Perry,  
Ragini Potluri & Andrea Sargeant  
Bell Helicopter—Textron

### **Parts is Parts**

Charlyn Hospers & Debra Myers  
Federal Aviation Administration

### **What is in My Toothpaste?**

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

### **Ancient Rainforest of Africa**

Bonnie Jacobs  
Southern Methodist University

### **Women Make Great Dentists!**

Jamal Khatib & Erin Stuewer  
Baylor College of Dentistry

### **Flying High with Aviation**

Dr. Ingrid Knox & Aleta Peterson  
Federal Aviation Administration

### **Ready to Travel to Unearthly Worlds?**

Linda Krouse  
Fort Worth Museum of Science & History

### **Design! Design!**

Sharon Krueger  
K & K Associates, LLP

### **Red Light/Green Light**

Jennifer Kuehn & Alma Ramirez  
Federal Aviation Administration

### **Get Spaced Out With Science!**

Melissa Lewis  
Paradigm Accelerated Charter School

### **Computers & Robots**

Mary Lopez  
Lockheed Martin Aeronautics

### **Show Me the Money**

Janet Martin  
Certified Public Accountant

### **Animal Bandaging & Critical Care**

Alyssa McCarley, Erica Perez & Kim Taylor  
Dallas County Community College—Cedar Valley

### **Life as a Fire Fighter**

Shonna Moorman  
Fort Worth Fire Department

### **Flying High! The World of Aviation!**

Angel Newhart & Bridget Massey  
Texas State Technical College

**Be the Bit**  
Charla Patterson  
IBM

### **Drilling for Water in Your Own Backyard**

Becky Richards  
Environmental Trainers, Inc.

### **Math—The Global Language**

Jung Riecks  
Lockheed Martin Aeronautics

### **Math in the World**

Larri Rosser  
Raytheon

### **Science & Compliance**

Thenisha R. Smith  
City of Fort Worth, Code Compliance Dept.

### **Check Your Health**

Lisa Thompson MS, PA-C  
HealthFirst Medical Group

### **From High Heels to Combat Boots as a Biologist with the U.S. Army in Kuwait & Iraq**

Michelle C. Thrift  
US Army Corps of Engineers

### **Go Figure: Using Math to Help People Plan**

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

### **Safe Sleep During Surgery**

Janet Finer, Rachael Hernandez, Jane Nilson,  
Sheila Keasler, Allen Mandeen, Adrienne Meyer,  
Vickie Paulson & Keila Townson  
Texas Wesleyan University  
Graduate School of Nurse Anesthesia

## Adult Workshop Presentations

### **Psychology of the Middle School Girl**

Jeany Pitre  
All Saints Episcopal School

### **College: Financial Aid & Academics**

Anna Perez  
Texas Wesleyan University

### **Activities! Activities!**

Larri Rosser—Raytheon  
Mary Landers—Weatherford College