

Dr. Beulah Woodfin  
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Albuquerque, NM 87120

$$E=MC^2$$

Please pass to a friend  
if unable to attend!

<http://www.nmnwse.org/ceyh/ceyh.html>

Spring Conference  
Saturday, March 10, 2007  
7:30 a.m. - 1:00 p.m.

EXPANDING  
YOUR  
HORIZONS™

$$E=MC^2$$



Technical Career Workshops  
for Young Women  
Grades 6-12

*Presented by The New Mexico Network for Women in Science and Engineering*

Saturday, March 10, 2007

7:00-8:00am	Adult & Student Registration
8:00-8:45	Keynote Address (students & adults) Barbara Cohen, PhD Assistant Curator of Meteorites, Institute of Meteorites, UNM
9:00	Adult Program Begins
9:00-9:50	Session One - Student Workshops
10:05-10:20	Student Refreshment Break
10:20-11:10	Session Two - Student Workshops
11:25-12:15pm	Session Three - Student Workshops
12:30-1:00pm	Closing Session (students & adults)

#### TENTATIVE\*\* ADULT PROGRAM

9:00 - 9:45am	How to Finance Your Daughter's Education!
9:45 - 10:30	A Workshop Overview
10:30 - 10:45	Break
10:45 - 11:15	Freshman 101: An Introduction to Freshman Engineering and Science Programs
11:15 - 12:15	UNM Laboratory Tours

\*\* Final adult program times will be posted at the registration table; additional information is not available until then.

# Career Workshops!

Saturday, March 10, 2007

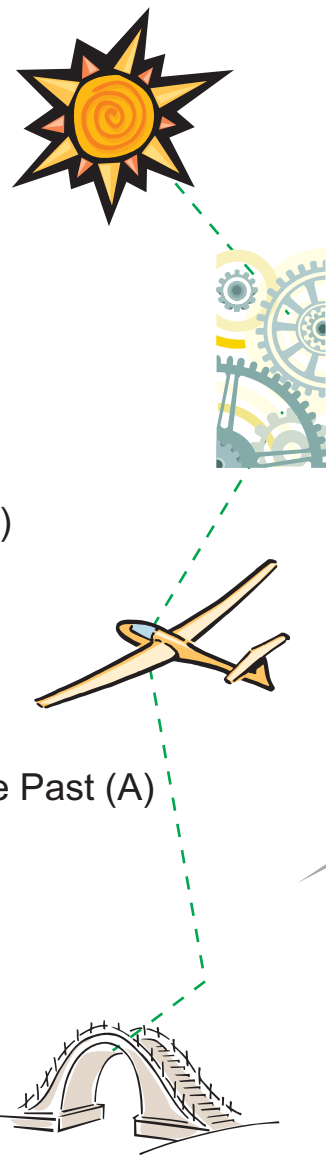
## Workshop Categories

(categories are indicated in parenthesis, following each title)

A - Archeaology	E - Engineering
B - Biology	M - Medicine
Ch - Chemistry	T - Mathematics
GS - General Science	P - Physics

Registered students will pick up their registration packets beginning at 7:00am on Saturday, March 10. The keynote address is at 8:00am, and the first workshop begins at 9:00am.

1. Stress! The Relationship Between Nerves & Muscles (M)
2. Fold, Spindle, and Mutilate: Paper Play with Math, Science, & Engineering (E, M)
3. You Too Can Be a Rocket Scientist! (E)
4. The Secrets of Solar Energy (E)
5. Creating Wealth: Let's Form a Company and Take It Public (T)
6. Space Travel: Mars Here We Come (E, P)
7. How to Bend Light: Principles of Light and Optics (P)
8. Flight: Wright Brothers to Rockets (E)
9. Beyond Frankenstein: Electricity & Cardiac Medicine (M)
10. Round up the Germs ... and Then What Do You Do? (B)
11. Wherever You Go, There You Are! How Does **GPS** Work? (E)
12. Don't Drink the Water: Groundwater Purification Systems (E, Ch)
13. Aerodynamics in Action: Building Gliders (E, P)
14. Robots! Robots! Robots! (E)
15. Chemistry Magic Show (Ch)
16. Mozarella Magic - A Stretchy Lesson in Chemistry (Ch)
17. Not Just Digging in the Dirt: How Archaeologists Learn about The Past (A)
18. Everything You Wanted to Know.... But Were Afraid to Ask (GS)
19. Discover Material Science through Demolition! (E)
20. A Bridge Too Far: Strength in Structures (E)
21. Turn Your Magnetism On and Off with Electricity (E)
22. How does THAT Work - Fun with Physics!
23. The Wonderful World of Computers (E)
24. Dentistry - Another Way to Use Math & Science (B T)
25. How to Hold a **Porcupine** and Other Zoo Stories (B)



Visit our website for more workshops!

[www.nmnwse.org/eyh.html](http://www.nmnwse.org/eyh.html)

## Student and Adult Registration

One form per person

**Registration Deadline for groups of 10 or more: February 23**  
**(GROUPS: please contact Beulah Woodfin, bwoodfin@unm.edu)**  
**Deadline for smaller groups & individuals: February 28**

Attendance is limited and is **first-come, first-served!** \*\*Registration will close without notice when capacity is reached before the deadlines. PRE-registration IS required. Registration fee (check, no cash) must accompany each registration! Your check is your receipt. **Student** registration fee includes a mid-morning snack and materials. Lunch is not included. No telephone or fax registrations are accepted.

### Make checks payable to: Expanding Your Horizons (EYH)

For conference information, contact  
Sandrea Gonzales at 277-3716, UNM Women's Resource Center, sandrea@unm.edu  
\* Confirmation will be mailed by March 7, 2007 \*

### Registration Form

Send \$5.00 non-refundable fee along with this form to:  
**Beulah Woodfin, 5004 Northern Trail, NW**  
**Albuquerque, NM 87120**  
**831-0682 bwoodfin@unm.edu**

Please print clearly or your information cannot be processed. Thanks!

Last Name \_\_\_\_\_ First Name \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_  
Zip \_\_\_\_\_ Phone \_\_\_\_\_ School \_\_\_\_\_  
Grade (circle one):      6      7      8      9      10      11      12      ADULT  
Names of friends also attending: \_\_\_\_\_

From among the workshops listed, choose five selections in the order of your preference. If a workshop is not available, you will be matched as closely as possible to the chosen topics.

First Choice \_\_\_\_\_ Second \_\_\_\_\_ Third \_\_\_\_\_ Fourth \_\_\_\_\_ Fifth \_\_\_\_\_

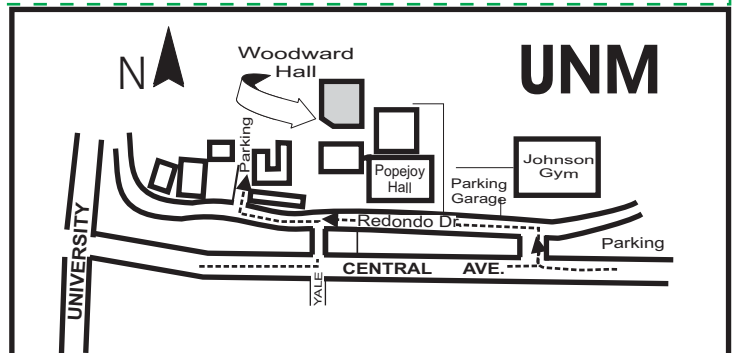
What careers are you interested in? \_\_\_\_\_

If the \$5 fee presents a financial hardship, please have a teacher sign here to recommend you for a scholarship: \_\_\_\_\_

Registration for this conference constitutes the granting of permission for the use of registrant's photograph in publicity for future conferences.  
EYH is not responsible for and cannot supervise students who fail to attend sessions and scheduled activities.

**ADULTS:** You may pick the adult panel or tour you want to attend on the day of the conference. Final times and locations will be posted at the registration table; additional information is not available until the day of the conference.

The EYH Conference will be at the UNM campus.  
Registration is at Woodward Hall, and there is free parking.  
Maps will be distributed to registered participants.



# What Happens at the Expanding Your Horizons Conference?



Students meet with women who have found satisfying careers in law, mathematics, engineering, computing, medicine, and other non-traditional technical careers. They explore these career opportunities in hands-on workshops! Students gain insight into what jobs are available and what preparation and training they require.

Each student attends three hands-on workshops. The workshops are led by female professionals that share an aspect of their technical field. All sessions include opportunities for questions and answers.

Parents are encouraged to participate in the adult program. Advanced registration and \$5 fee is required to participate in this program.

**Expanding Your Horizons™ Conferences are held nationwide and are supported by the Math/Science Network, Berkeley, California.**

## Conference Goals

- ◎ To increase women's interest in science and mathematics.
- ◎ To foster awareness of career opportunities for women in math- and science-related fields.
- ◎ To provide participants the opportunity to meet and form personal contacts with women working in traditional and non-traditional fields.

## Albuquerque Conference Committee

Dr. Diane Albert, Peacock, Myers, PC  
LeAnn Brasure, Schafer, - *EYH Conference Chair*  
Kelly Collins, CDM  
Jennifer Cole  
Sandra Gonzales, UNM-Women's Resource Ctr.  
Dr. Yolanda King, AFRL  
Dr. Kim Linder, Honeywell FM&T  
Dr. Deborah Potter, UNM  
Cheryl Pulaski, NM Tech  
Dr. Beulah Woodfin, UNM

## Sponsors

Honeywell International  
Intel  
PNM Foundation

## New Mexico Network for Women in Science and Engineering



New Mexico Network for Women in Science and Engineering (NMNWSE) is a network of about 100 active members and 200 associates; scientists, engineers, business and industry leaders, technicians, educators, parents, and community leaders. The Network was established to promote the participation of women in science and engineering and to encourage their entry into and success in technical occupations.

The Network's goal is to increase the number of women interested in and qualified for mathematics- and science-based jobs. Activities target students from middle school through graduate work, and professional scientists and engineers. The Network became a formal non-profit organization in 1979 and may receive grants and other financial assistance to further its activities.

**For more information: <http://www.nmnwse.org>**