

For Women in Science & Engineering

2008 TECHNICAL SYMPOSIUM & ANNUAL MEETING — REGISTER NOW! —

The 2008 Technical Symposium and Annual Meeting of the New Mexico Network for Women in Science and Engineering (**AM08**) will be held **October 24–26** at the Sierra Grande Lodge and Spa in Truth or Consequences, NM, known for its soothing hot springs, scenic terrain, and mild climate. Nearby, Spaceport America capitalizes on the region's place in the history of rocketry and the aerospace industry.

The meeting will commence with a reception Friday evening. Saturday begins with the annual business meeting, followed by free time to explore the area and have lunch. The afternoon technical sessions this year will be divided into two parts: We begin with the technical talks, which are 30 minutes including questions. In the early evening, poster presentations will be available for viewing and discussion during a wine and cheese reception at the Lodge. We highly encourage the submission of posters. Abstracts are to be submitted to Mellissa Burk, mellburk@yahoo.com, by **Oct. 3, 2008**. The conference dinner on Saturday evening features presentation of the Network's IMPACT! Award and keynote speaker Gwynne Shotwell of SpaceX, a space exploration technologies firm.

The network has arranged for reduced rates at the conference hotel, but rooms must be reserved by **Sep. 15, 2008**. We encourage you to reserve your hotel room and register for the meeting as soon as possible.

Special 2009 NMNWSE membership rates are also being offered to new members attending the meeting, and meeting scholarships are available. For more information on meeting rates, registration forms, and other meeting details, please visit <http://nmnwse.org/AM/2008/>.

hotel information: <http://nmnwse.org/AM/2008/hotel.php>

online registration: <http://nmnwse.org/AM/2008/register>

Barbara Torres, AM08 Meeting Chair

Cheri Burch, AM08 Accommodations Chair

Mellissa Burk, AM08 Technical Chair

2008 IMPACT AWARD DEADLINE EXTENDED

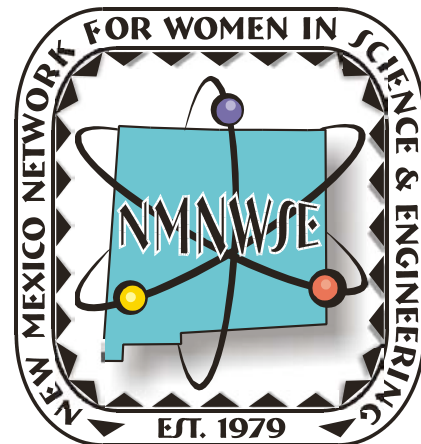
The deadline for accepting nominations for the NMNWSE IMPACT! Award has been EXTENDED!!! The Commission will accept nominations through **Monday, September 15, 2008**. Instructions and forms are online at <http://nmnwse.org/ImpactAward/>.

This is a great opportunity to honor a woman who has made contributions to the Network's goals:

to encourage the entry into and career development of women in science and engineering professions.

Please consider taking time out of your busy schedule to nominate a friend or colleague that should be recognized for her contributions.

Nancy B. Weinbrenner, IMPACT! Award Chair



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IMPORTANT DATES

Sep

- 9/15 • AM08 hotel rates end
• IMPACT! nom. due
- 9/19 • Board nom. due
- 9/29 • online voting opens

Oct

- 10/3 • AM08 registration due
• AM08 Abstracts due
- 10/4 • late reg. begins
- 10/17 • late registration ends
- 10/22 • online voting closes

10/24-26

• ANNUAL MEETING

ELECTIONS: VOLUNTEERS FOR 2009 BOARD NEEDED, VOTING OPENS 9/26

It's that time again... As always, we need a candidate for Vice President, which is technically a 3-year commitment (1 year VP/Pres-elect, 1 year President, 1 year Past President). Volunteers are also needed for Treasurer, and for Members-At-Large (2 yr commitments). Check out the web pages for descriptions and other information: <http://nmnwse.org/Board.php>.

You'll see all the standing committees posted here, too. Please consider getting involved in one of these areas - we can always use more help! Please contact me and/or the Board if you are interested in these or the elected positions, or would like to suggest a candidate.

Nominations tentatively close **Friday Sep 19**. Once the slate is finalized, candidate information and the online ballot will be posted at <http://nmnwse.org/AM/2008/elections/>.

Online elections will open Monday, Sep 29 and close Wednesday, Oct 22. Members who have not voted online can also vote in-person at the Annual Business Meeting of the Network on Saturday, Oct. 25.

Thanks!

Georgia A. Pedicini, NMNWSE elections chair, (505) 667-8117, gap@lanl.gov

PERSONAL HIGHLIGHTS

Yolanda King was selected as this year's recipient of the 2008 Women in Aerospace (WIA) International Achievement Award. The prestigious award is given for "*outstanding contributions to aerospace in the international arena on a single project over several years, or during a career, a commitment to professional growth, and service as a role model or mentor that shows dedication to the advancement of women in aerospace.*" The award cites Yolanda's distinctive accomplishments in international aerospace collaboration and her role as Chair of the NATO Sensor and Electronics Technology (SET) Panel, and recognizes her for serving as a role model, reflecting great credit upon herself, her state, and the international community. The award will be presented at the WIA Awards Reception and Dinner, on Tuesday, October 14, 2008, at the National Press Club in Washington, DC. Yolanda is also profiled in the NMNWSE Careers Book in our new Chapter on "Women as Leaders", online at <http://nmnwse.org/careers/>.

Claudia Barreto was promoted to Associate Professor of Biology in the Science Department at the University of New Mexico Valencia Campus. Claudia was able to go up for tenure early (after only 3 years) because she was previously a tenured professor at the University of Wisconsin Milwaukee.

As a follow up to Claudia's article about using therapy dogs to improve literacy, her "Tail Waggin' Tutors" program at the Belen Public Library was a howling success! Please see the wonderful write-up in the Valencia County News-Bulletin at:

<http://www.news-bulletin.com/news/81381-07-05-08.html>

and you can view some terrific pictures of the dogs at work on pages 3 and 4 at:

<http://www.flickr.com/photos/belenpubliclibrary/page3/>

2009 SILVER CITY EYH DATE SET

The 17th Annual Silver City EYH conference at Western New Mexico University will be held **Saturday, March 14, 2009**. Fifth to tenth grade girls will be targeted. As very few ninth and tenth grade girls are expected to register, these girls will be assigned to assist a presenter in their workshop for a more one-on-one relation. 300-375 girls are expected to attend in 2009.

Volunteers to assist with the established NMNWSE EYH Conferences in Silver City, Los Alamos and Albuquerque, as well as new EYH conferences tentatively planned for White Sands and other locations, are welcome - if you'd like to get involved contact the NMNWSE Board, or for individual conference contact information see the EYH webpages at <http://nmnwse.org/eyh/>. NMNWSE EYH Conferences in New Mexico are licensed from the National EYH Network and are sponsored by the McCune Charitable Foundation, the Honeywell International Foundation, and Intel Corporation.

2009 NMNWSE CAREERS CD GOING TO ALL NEW MEXICO HIGH SCHOOLS

The NMNWSE Board is pleased to announce that copies of the 2009 NMNWSE Careers CD will be included in packets the Center for the Education and Study of Diverse Populations at New Mexico Highlands University will be sending this September to the approximately 600 High School Guidance Counselors in New Mexico.

Our Careers CD features the NMNWSE publication targeting teens, ***Careers: Exploring the Possibilities***, written for our EYH conferences and available online at <http://nmnwse.org/careers/>. We have also received permission to include several other outreach publications, including:

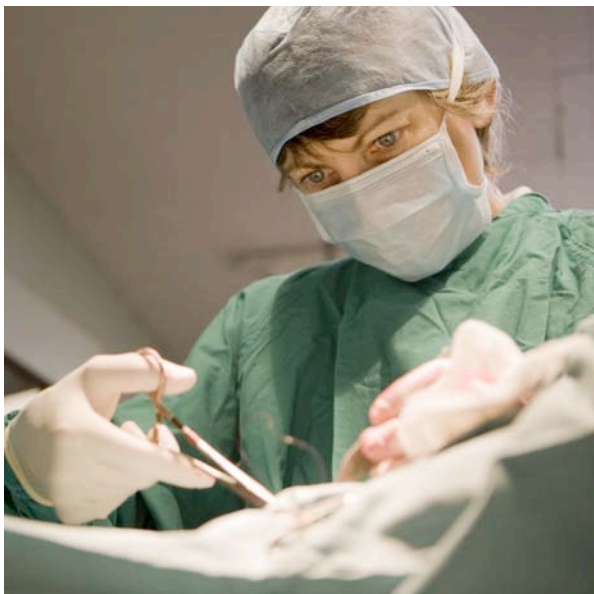
- ◆ ***New Mexico Career Clusters Guidebook*** from the New Mexico Department of Workforce Solutions.
- ◆ ***Beating the Odds: Remarkable Women in Science*** created by Science, an American Association for the Advancement of Science journal, in partnership with the L'Oréal Foundation.
- ◆ ***PC's in Space***, science games by Tom Devlin.
- ◆ ***A new Universe to Discover: Careers in Astronomy*** from the American Astronomical Society.
- ◆ ***Careers in Biology*** from the American Institute of Biological Sciences.
- ◆ ***Careers in Ecology*** from the Ecological Society of America.
- ◆ ***Explore, Understand, Succeed: Physics*** and ***Physics in Your Future*** from the American Physical Society, plus a ***Celebrate Women in Physics Poster*** also from the APS.

The CD also contains a ***NM Supercomputing Challenge flyer***, star charts, links to science and career resources on the internet, packets from the national EYH Network, and information about NMNWSE.

If you haven't looked at our online careers book lately, you'll notice several new pictures have been added to make the book visually more appealing, and four new articles have been added over the last two years. Thanks go out to the following people for contributing materials to the careers book: Dr. Tracy Thomas and Dysart Dental (dentist photo), Dr. Gretchen Yost and the Española Animal Shelter (veterinarian photo), Barbara Torres, Patria Bender, and Lena Hakim (articles on leadership and financial strategies),

One of the photos recently added to the NMNWSE Careers Book, online at <http://nmnwse.org/careers/>.

Thanks Gretchen!



Dr. Gretchen Yost, DVM, completing sutures after performing a spay on a shelter dog. All animals who are adopted must be spayed or neutered before being released. Photo courtesy the Española Animal Shelter, Española, NM.

and Sally Breeden and the National Society for Histotechnology (histology article and photos), as well as several individuals and organizations that gave permission for photos on the web to be copied. We also have several photos from people involved in PEEC's outreach efforts which we are in the process of adding to the appropriate careers.

However, having even more pictures of area professionals from a variety of backgrounds might improve the odds an article will catch the eyes of a New Mexico teen. And of course having more articles, and updates of older articles, makes the book more useful. Please consider contributing photos, articles, and/or updates - even pointing out a URL for an organization should be changed is helpful. If you have materials to contribute, or would like to know how you might otherwise help, please contact the NMNWSE Board.

<http://nmnwse.org/careers/>

Articles and pictures can be added to the online version of ***Careers: Exploring the Possibilities*** at any time - contact the NMNWSE Board.

Suggestions for materials from other organizations to add to the NMNWSE Careers CD are also welcome!

FROM THE NMNWSE MAILBOX

Sat., 13 Sep. 2008, 2 pm

Judy Chicago Lecture

Susan B. Anthony: Queen of The Dinner Party

Through the Flower

107 Becker Avenue

Belen, NM 87002

www.throughtheflower.org**Sun., 14 Sep. 2008, 2-5 pm*****Dedication of the Centennial Engineering Center***

University of NM Campus

Redondo Dr. at Dr. Martin

Luther King Ave.

Free parking - for details see

www.soe.unm.edu**Thu., 11 Sep. 2008, 11:30 am**

Abq. Community Foundation

Annual Awards Luncheon

Hotel Albuquerque

800 Rio Grande Blvd. NW

featured speaker: Rick Federico

\$30/person, RSVP to 505-883-6240

www.albuquerquefoundation.org

PERSONAL HIGHLIGHTS, cont'd

Dana Roberson presented Agile CMMI (Capability Maturity Model Integrated) to the New Mexico .NET User's Group on Thursday, Aug. 7, 2008. 'While most proponents of Agile and CMMI feel the two are incompatible, they actually compliment each other. Neither is the "best" or "worst" model. A careful analysis of CMMI reveals its agility.' She also taught an Introduction to CMMI Class week of Aug. 20, 2008.

Elizabeth M. Kallman of Ball Aerospace in Albuquerque presented *Heat Transfer Simulations of Laser-Irradiated Semi-Transparent Materials Using ANSYS TAS* (with Joel S. Davis of BATC and David Rosato of ANSYS) on 27 Aug. 2008 at the 2008 Intl. ANSYS Conference. The talk was well-received; immediately after the presentation she was invited to present the work again at an upcoming meeting in Dayton OH.

Jennifer E. Nisengard had a paper published in the Spring 2008 Journal of Field Archaeology entitled *Seismic Refraction at Ancestral Puebloan Sites on the Pajarito Plateau, New Mexico*. She presented a paper at the 73rd Annual Society for American Archaeology Meetings in Vancouver, BC entitled *Cultural resources and recreational trails use at Los Alamos National Laboratory, Los Alamos, New Mexico, education and mitigation*.

IN THE NEWS — THANKS from the NMNWSE Board go to **Peacock Myers PC** for hosting our August Board meeting, and for providing refreshments and call-in option!

NMNWSE CONTACTS:NMNWSE webpage: nmnwse.org

NMNWSE mailing address: P.O. Box 1360 Los Alamos, NM 87544

2008 NMNWSE Officers:**Past-President:** Charlene Bausinger, Central Chapter**President:** Elizabeth Kallman, Central Chapter**VP/President Elect:** Diane Albert, Central Chapter**Treasurer:** Yolanda King, Central Chapter**Secretary:** Claudia Barreto, Central ChapterNMNWSE Board e-mail: NMNWSE_Board-l@list.unm.eduNMNWSE listserver: nmnwse-l@list.unm.eduInstructions to subscribe to the listserver: nmnwse.org/Listserver.htmlProblems or questions about website or listserver to webmaster@nmnwse.orgNews items for next newsletter: NMNWSE_Board-l@list.unm.edu