



Tacoma/Olympia Section
Civil Engineer

THE NEWSLETTER

FEBRUARY 2006

NASA In The 21st Century

Engage Your Mind and Spirit

Keynote Speaker:

**Mr. Thomas Horn, Branch Chief of Aerostructures,
NASA Dryden Flight Research Center**

**The Engineering Societies and the
School of Engineering at Saint Martin's University
cordially invite you to attend the**

**Annual Engineering Banquet
Friday, Feb. 17th**

**Norman Worthington Conference Center
Saint Martin's University
5300 Pacific AV SE, Lacey WA
360.491.4700**

**6:00pm Social
6:45pm Dinner**

**Price (pre-paid) \$25/\$40 per couple
at the door \$30 per person/\$45 per couple**

***Students half price**

Reservations:

**Please RSVP by Monday, February 13th
Contact Saint Martin's at 360.438.4320 or
email burmap@stmartin.edu**



Sue Coffman
Tacoma/Olympia Section
President 2005-'06

As we forge into the new year, it's time to remind everyone to renew their ASCE membership. Yes, it's the middle of January and I finally got around to doing it. I must say that the online renewal through asce.org is very painless. OK, I hear many of you grumble about parting with the funds to join this prestigious organization. Well, I looked on

ASCE's website to see what your membership provides you. Here are some of the highlights:

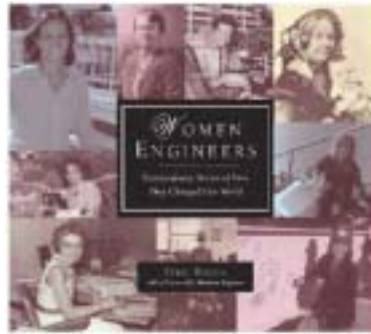
- ☒ Access to loans for education
- ☒ ASCE sponsored life/health/professional liability insurance plans
- ☒ New Cybrarian service that provides background or research data for reports and projects.
- ☒ Discounts on technical books (I've personally used this service)
- ☒ Electronic retrieval for all ASCE publications since 1973
- ☒ Video library on a multitude of engineering topics.
- ☒ Government relations—National report card on America's infrastructure
- ☒ Disaster response
- ☒ Programs for our future engineers – Building Big, West Point Bridge Design Program, Zoom
- ☒ Job listings and resume referral service
- ☒ Conferences, online training, and distance learning,
- ☒ And, last but not least, the opportunity to attend our local section meetings and network with fellow engineers

Speaking of section meetings, at our January meeting, Tom Madden of WSDOT gave a great presentation on the Alaska Way Viaduct and Seawall Replacement project. This next month's meeting will be our joint meeting with Saint Martin's School of Engineering and other engineering societies of Washington. The program sounds intriguing – [NASA in the 21st Century](#). Hope to see everyone there.

Also, I wanted to say a special thank you to Michael Hale and Rebecca Vader for participating in the MESA program in December.

Sue Coffman
Tacoma/Olympia Section President 2005-'06

WOMEN ENGINEERS: EXTRAORDINARY STORIES OF HOW THEY CHANGED OUR WORLD



is a richly illustrated book profiling the achievements of women engineers. It is the flagship publication of the Extraordinary Women Engineer Project.

EXECUTIVE SUMMARY

Fact: Fewer than 10% of the nation's engineers are women.

Fact: Girls do not lag behind boys in grades or test scores in math and science.

Fact: By eighth grade twice as many boys as girls are interested in science careers.

Fact: Hands-on learning with role models is a proven tool for all students and particularly females.

The Extraordinary Woman Engineers Project is an integrated program designed to provide resources developed jointly by educators and engineers to inspire young women to enter the engineering field and to develop a new generation of role models for those in the field.

The program components will provide both inspiring personal stories and a girl-friendly collection of hands-on activities that inspire young women to explore engineering as a career choice. In addition, the program will provide resources to those individuals with the capacity to influence and advise girls at the stage when they make decisions about college and careers. Deliverables include a flagship publication, a television documentary, corresponding educational resources and training, and national outreach programs.

Stakeholder and related organizations are invited to join the project coalition. In total, the supporting organizations represent more than one million engineers nationwide. The coalition convenes under the auspices of the American Association of Engineering Societies. The American Society of Civil Engineers serves as secretariat.

Approximately 15-20 individuals representing expertise, recognition, and stakeholder organizations serve on the Extraordinary Women Engineers Advisory Committee, chaired by the First Lady, Mrs. Laura Bush. Members of the Advisory Committee will be asked to advise on the content development and promotion of the project.

While focused on women, the deliverables designed for this project will meet the following goals:

- * Demonstrate to students from all backgrounds that engineering is an exciting career path
- * Promote diversity within the engineering program
- * Motivate role models by celebrating the achievements of women engineers
- * Increase public awareness about the importance of engineering in everyday life

Section Calendar

Section Meetings are open and held once a month, September through May. Meetings are generally held on the second Tuesday of the month. Locations alternate between Tacoma and Lacey, and times vary between lunch and dinner meetings.

2006

Section Meetings*:

Friday, February 17—Dinner Meeting at St. Martin's, Engineer's Week

Thursday, March 9—Lunch Joint meeting with SAME, Tacoma Landmark Hotel, Corps of Engineers/FEMA Support in Hurricane Katrina Recovery Efforts. Speaker Horace Foxall, Seattle District COE

Tuesday, April 11—Honor's and Awards, St. Martins, dinner meeting

***DATE/TIMES/LOCATIONS ARE TO BE VERIFIED**

Local Board Meetings are open and generally held the first Monday of the month at 5:30pm. Locations vary. Please check the WEB site, this calendar, or contact the president for confirmation.

Board Meetings:

Monday January 2nd 5:30pm Tacoma, location to be announced

<http://sections.asce.org/tacoly/tacoly.htm>

See Your AD Here!

Advertise in our newsletter!

Post a business card sized ad in our newsletter for \$200 per year. If you are interested, please contact:

Sue Coffman 253.594.7905
sue.coffman@cityoftacoma.org

TRANSPEED Courses

The TRANSPEED Schedule Below is a list of the upcoming courses.

Please view our website at

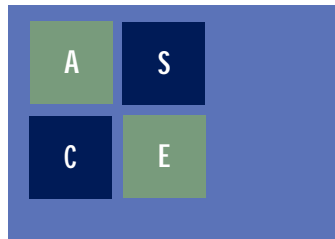
<http://www.engr.washington.edu/epp/Transpeed/index.html> for specific course descriptions and dates. Click on the specific course link to view the course outline.

Christy Pack
TRANSPEED Program Manager
UW Engineering Professional Programs
10303 Meridian Ave N #301
Seattle, WA 98133
1-866-791-1275 toll free
direct 206-543-5539 206-543-2352 FAX
croop@u.washington.edu

2005/6 Winter/Spring Professional Development Short Courses

For a complete description of the course and registration information visit our website <http://www.engr.washington.edu> or call us at: Engineering Professional Programs, University of Washington, phone: 206.543.5539 (fax) 206-543-2352 or (toll free) 1.866.791.1275

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**Engineers Make
The Difference—
They Provide the Quality of Life!**

Civil Engineer Newsletter is published monthly from September to May for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President of the section or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

For address changes/corrections, notify the Editor or the WEBmaster.



Tacoma/Olympia Section Board **2005 - 2006**

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We're on the web!

<http://sections.asce.org/tacoly/tacoly.htm>