



### Upcoming Events

#### **CARE Aerospace Recruiting Expo Virtual Job Fair**

**Date:** Monday, August 9 – Friday, August 13, 2010

**Time:** All day (24 hour access)

**Location:** <http://virtualjobfair.wrksolutions.com>

More details at:

[http://www.wrksolutions.com/employer/aerospace/job\\_opportunities.html#care](http://www.wrksolutions.com/employer/aerospace/job_opportunities.html#care)

#### **Monthly Luncheon Meeting**

**Date:** Thursday, August 12, 2010

**Time:** 11:30am

**Location:** Chabuca's  
316 W. Nasa Parkway  
Webster, TX 77598

#### **Eat and Tweet**

**Date:** Wednesday, August 18, 2010

**Time:** 6:30pm – 8:30pm

**Location:** Chocolate Bar in Rice Village  
2521 University Blvd.  
Houston, TX 77005

#### **Monthly Happy Hour**

**Date:** Thursday, August 26, 2010

**Time:** 5:00pm

**Location:** Chelsea  
4106 Nasa Parkway  
El Lago, TX 77586

#### **Aerospace Transition Center Workshops:**

<http://www.wrksolutions.com/employer/aerospace.html#ws>

More events are listed [online](#).

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### 2010 Region C Leadership Retreat



*From left to right: Carol Bachman (Region C Governor and Professional Leadership Coach), Irene Chan (2010-2011 SWE-TSC Secretary), Laura Vincent (2009-2010 SWE-TSC President), Yvonne Jaurigue (2009-2010 SWE-TSC Treasurer), Angelic Covarrubia (2010-2011 SWE-TSC Treasurer)*

The thought of Austin conjures images of the Texas state capital, the great outdoors, Amy's Ice Cream, toe tapping and shaking shimmies along 6<sup>th</sup> Street, and a technical hub fueled by leading edge trends. On Saturday, July 10, 2010 SWE-TSC officers, old and new, attended the 2010 Region C Leadership Retreat. All participants took advantage of Austin's innovative climate to engage in a forum on leadership best practices and to brainstorm about ways to leverage leadership strengths and address leadership weaknesses with other Region C leaders under the facilitation of Region C's Professional Leadership Coaches, Carol Bachman and Sarah Kirkish.

The leadership retreat is a bi-annual (and sometimes annual), one-or-two-day event for all SWE members – section leadership and general membership – interested in taking the lead to develop successful programs that align with their section's, region's, and society's goals. The location changes every time and there may be additional retreats offered later in the year. This year, another retreat lead by Diana Doise was held in the Baton Rouge area.

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## 2010 Region C Leadership Retreat



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Topics discussed at this year's retreat include:

- Leadership Styles and Team Building
- Leadership Burnout and Succession Planning
- Membership
- Strategic/Tactical Planning for FY 2010-2011

The strategic/tactical planning was a brainstorming exercise for each section to consider strengths, weaknesses, opportunities,

and threats to the society's long-range vision of being the key to the success of women in engineering and technology. This exercise helped SWE-TSC determine intermediate goals and identify details that will ensure the success of the goals discussed in last month's newsletter (especially collaborative efforts and outreach). The exercise also focused on the following society goals for FY 2010-2011 (bulleted items in bold indicate the year's priorities):

### Goal #1: Growing the Profession

*There will be an increase in women choosing to enter the engineering and technology profession*

- Increase the number of women graduating from engineering/technology schools
- Expand the demographic profile of women in engineering and technology education
- Increase the frequency and impact of outreach activities
- **Increase the impact of outreach activities by training a minimum of 1,000 members on messaging to all STEM stakeholders**

### Goal #2: Professional Excellence

*Women in engineering and technology will excel professionally, and their achievements will be showcased and valued*

- Increase participation in professional development programs
- **Increase the quality of professional development programs for all career stages**
- Increase recognition (impact and opportunities) of women with engineering and technology experience
- Increase recognition of SWE members as influential and sought after leaders

### Goal #3: Industry Catalyst

*SWE will be a catalyst for changing the professional climate to enable women in engineering and technology to excel and be recognized and respected as leaders*

- Increase the frequency and impact of SWE-generated advocacy statements
- Increase the participation of SWE members in advocacy forums
- Increase SWE's role in developing and promoting research
- **Increase the number of discussions with industry, government, and academic influencers**
- Increase issue-oriented media presence

### Goal #4: Inclusive Community

*Women in Engineering and Technology and SWE stakeholders will find value in SWE as a diverse, inclusive community*

- **Improve the SWE membership and leadership profile to reflect the demographics of women in engineering and technology**
- Increase the number of potential leaders in the pipeline
- Expand volunteer opportunities that respect the diverse lifestyles and priorities of our members
- Improve volunteer satisfaction

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## 2010 Region C Leadership Retreat

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- Enhance networking mechanisms for connecting members throughout SWE
- Increase organizational understanding and commitment to the value of diversity and inclusion as an integral part of SWE's culture

What can we do at the section or regional levels to reach these goals? SWE-TSC would like to hear your thoughts. Please e-mail your comments, suggestions, or concerns to Kellie ([kellie.e.anton@swe.org](mailto:kellie.e.anton@swe.org)) and Lora ([lora.lechago@swe.org](mailto:lora.lechago@swe.org)). Or better yet, join the SWE-TSC executive council at the next leadership retreat and post-retreat dining!



Dining at Peters after the retreat



## Kick-Off Picnic

On Saturday, July 24, 2010 SWE-TSC members, members' families, and officers gathered at Lake Nassau Park for a delectable variety of food, beverages and camaraderie. SWE-TSC officers appreciate the enthusiasm and company shared for the upcoming year. SWE-TSC is also grateful for the endorsement of Anita Gale, SWE member and Nassau Bay resident, in reserving the pavilion looking over Lake Nassau. More pictures from the event and of Lake Nassau Park are available on the SWE-TSC's Facebook page:

<http://www.facebook.com/pages/Society-of-Women-Engineers-Texas-Space-Center-Section/120082654674171?ref=mf>

## Seeking Outreach Volunteers at the 2010 National SWE Conference

# Invent it. Build it.

We are thrilled to announce *Invent it Build It* – a Society of Women Engineers, Girl Scouts, Design Squad collaborative event made possible through a generous grant from ExxonMobil Foundation. This unprecedented partnership will combine the strengths of all three organizations to create a **hands-on engineering** experience for 250 high school Girl Scouts. We need your experience and expertise.

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## Seeking Outreach Volunteers at the 2010 National SWE Conference

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In a recent SWE outreach survey, you indicated that you may be interested in volunteering for an event like this. It is your dedication to outreach that will make this event a success. In addition, *Invent it Build It* is unique opportunity to do outreach with SWE colleagues from around the world.

At a minimum we are asking volunteers to commit to a one hour webinar (a recording will be made available for listening at your convenience) and working the day of the event from 9:30am – 4:00pm (Saturday, November 6, 2010).

**To register as a volunteer go to <http://www.surveymonkey.com/s/iibi> --** Please forward this email to fellow members who may also be interested in this opportunity.

Upon registration, we will follow up with further information and instructions for the day.

Please do not hesitate to contact me with any questions.

Randy Freedman, M.Ed.  
Outreach Manager  
Society of Women Engineers  
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Chicago, IL 60603-3572  
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[randy.freedman@swe.org](mailto:randy.freedman@swe.org)  
[www.swe.org/aspire](http://www.swe.org/aspire)

## NASA Awards Crew Robotics and Vehicle Equipment Contracts

Stephanie Schierholz  
Headquarters, Washington  
202-358-1100  
[stephanie.schierholz@nasa.gov](mailto:stephanie.schierholz@nasa.gov)

Brandi Dean  
Johnson Space Center, Houston  
281-483-5111  
[brandi.k.dean@nasa.gov](mailto:brandi.k.dean@nasa.gov)

CONTRACT RELEASE: C10-039

WASHINGTON -- NASA has awarded contracts to three companies and one university for crew robotics and vehicle equipment work. The combined total value of the four contracts is not to exceed \$70 million.

The companies selected are ATK Space Systems of Brigham City, Utah; Oceaneering International and Wyle Integrated Science and Engineering, both of Houston; and the University of Alabama at Birmingham. The cost-plus-fixed-fee, performance-based contracts run through June 2015.

The contracts involve spacewalk activity equipment, spacecraft flight crew equipment, crew health and conditioning systems, spacewalk robotics equipment, environmental control and life support equipment, active thermal control systems, avionics

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## NASA Awards Crew Robotics and Vehicle Equipment Contracts

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equipment and ground support systems. The equipment is for use in the space shuttle, International Space Station and other advanced development programs.

The contracts with ATK, Oceaneering and Wyle were awarded as a result of a full and open competition. The University of Alabama contract was awarded based on a competition open to educational and nonprofit institutions. The work will be conducted at contractor and subcontractor facilities.

For information about NASA and agency programs, visit:  
<http://www.nasa.gov>



## NASA Awards Electrical Systems Engineering Services Contract

J.D. Harrington  
Headquarters, Washington  
202-358-5241  
[j.d.harrington@nasa.gov](mailto:j.d.harrington@nasa.gov)

Cynthia M. O'Carroll  
Goddard Space Flight Center, Md.  
301-286-4647  
[cynthia.m.ocarroll@nasa.gov](mailto:cynthia.m.ocarroll@nasa.gov)

CONTRACT RELEASE: C10-045

### NASA AWARDS ELECTRICAL SYSTEMS ENGINEERING SERVICES CONTRACT

WASHINGTON -- NASA has awarded a sole-source interim contract for electrical systems engineering services to MEI Technologies in Houston.

This interim contract is a cost-plus-fixed-fee, indefinite-delivery, indefinite-quantity contract that will ensure program continuity and critical mission support. The contract will cover both existing and new requirements. It has a maximum ordering value of \$99 million with an ordering period of 18 months.

Under this contract, MEI Technologies will provide electrical engineering support services for the study, design, development, fabrication, integration, testing, verification and operations of hardware and software for space, air and ground systems. This will include development and validation of new technologies to enable future missions in support of the Applied Engineering and Technology Directorate at NASA's Goddard Space Flight Center in Greenbelt, Md.

Task orders issued under this contract will provide critical support to a wide range of NASA missions and projects, including the James Webb Space Telescope; Geostationary Operational Environmental Satellites; the Landsat Data Continuity Mission; Magnetospheric Multi-Scale Satellites; Global Precipitation Measurement; and others.

For information about NASA and agency programs, visit:  
<http://www.nasa.gov>



## Eat and Tweet: SWE-HA Annual Membership Extravaganza

The Society of Women Engineers - Houston Area invites you and friends to a night of Wine & Chocolate Soirée. If you enjoy gourmet chocolate or wine, come and join us on Wednesday evening August 18, 2010 for our annual event in Rice Village at The Chocolate Bar. Have fun networking while engineering chocolate bars or creatively designing chocolate pizzas.



### Event Contact

Vice President of Internal: Charu Jain  
e-mail: [vp\\_internal@swehouston.org](mailto:vp_internal@swehouston.org)

### Event Date & Time

Wednesday, August 18th, 2010  
6:30 pm to 8:30 pm

### Venue

The Chocolate Bar in Rice Village  
2521 University Blvd.  
Houston, TX 77005

### Event Cost

Students/Job Seekers: \$10.00  
Members Price: \$20.00  
Non Members Price: \$30.00

### Registration

Please RSVP for Member Extravaganza this event for best available seating selection.

e-mail RSVP: [vp\\_internal@swehouston.org](mailto:vp_internal@swehouston.org)

### Payment options:

1. Door Registration  
Check payable to: SWE HA  
Cash
2. PayPal (Link available at <http://www.swehouston.org>)

## E-mail Mentor

I am collecting bios from volunteers to be email mentors. I will distribute these to local science and math teachers for them to allow interested students to contact mentors of interest. If you are contacted by a student, you can work out specific communication guidelines as you'd like. Please answer the following questions in the bio. Inclusion of a picture of yourself is optional but please include some type of interesting photo/diagram related to your work.

- Where are you from?
- Relate your high school engineering related experiences (including interest in math/science).
- What inspired you to become an engineer (or whatever you are now)?
- Where you went to college and at least 1 interesting student experience.
- Synopsis of you career (be as elaborate as you want). Include student engineering experiences.
- What you do now (in detail).
- How you would like to be contacted (email, phone).

Please respond to:

[Sarah.j.hargrove@nasa.gov](mailto:Sarah.j.hargrove@nasa.gov)



**Have article ideas, articles to submit, industry tips, job postings, photos, or anything to share in the next SWE-TSC newsletter?**

Send them to Irene ([irene.chan@swe.org](mailto:irene.chan@swe.org)) by Friday, August 20, 2010.