The Holiday season is upon us, and gives us the opportunity to reflect back on 2010, and start looking forward to 2011 with plans and goals for the upcoming year. SWE-SC had a great fall season. We had many interesting meetings, and we look forward to ending 2010 with our annual “Holidays Around the World” party on December 5th. We hope that you have been able to attend some of our events this past year, and hope that you make plans to join us for more in the spring. The executive council has worked hard to create a schedule that combines a balanced mix of outreach events (WOW! That’s Engineering in October and IG EW on February 12th), with technical speakers/tours (NOAA, SpaceX) and fun networking events (Kick off Taste of Italy, Book Club, Melting Pot Meet & Greet, etc). This will continue into the spring, and we hope you find events in our schedule that fit your interests.

This year our section is working hard to balance our budget with a shortfall of donations and grants that we have been fortunate in past years to receive. We hope to continue our legacy of awarding two or three high school seniors scholarship money towards their engineering and/or computer science majors, along with Science Fair awards and Camp KSC scholarships for younger girls, but this year we may need to reduce our giving. If you are interested in including SWE-SC in your holiday giving, we would be happy to accept your donation specifically for the program or scholarship of your choice.

We wish you and yours the happiest of holiday seasons, and look forward to seeing you at a future event!

Lori McPherson
SWE-SC President
Holiday’s Around the World Party
Sunday, December 5, 2010

Time: 2:00 pm

Location:
1925 S Tropical Trail, Merritt Island

Register at http://swe-sc.org/

Make plans to join us for our annual “Holiday’s Around the World” Party at 2 pm on Sunday December 5th at Lori McPherson’s Home, 1925 S Tropical Trail, Merritt Island. (Note: location change). Bring a dish to share that represents your cultural heritage and a donation for Toys for Tots. This annual event has proven to be a lot of fun, and we’re sure you won’t want to miss it! The party will begin following a book club meeting for Eat, Pray, Love at 1 pm.

December Book Club

Our next Book Club meeting will be on Sunday, December 5th at 1 pm at Lori’s House. Register at www.swe-sc.org

The SWE-SC Book Club met on Saturday October 16th at River Rocks to review the book Little Bee by Chris Cleave. This was a mesmerizing book that looked at broad issues of the plight of refugees and the differences between first and third world countries. This book continues to be on the bestseller list and utilizes an easy storytelling format.

We have opted to have a lighter book for our December meeting, and will be discussing Elizabeth Gilbert’s Eat, Pray, Love. Feel free to join the discussion whether you’ve read the book, seen the movie, or neither! The book club discussion will be held on December 5th at Lori McPherson’s house at 1 pm – just prior to the 2 pm “Holidays Around the World” party. We hope to see you there!

As always, Book Club is a great opportunity to spend the afternoon in interesting conversation with interesting women – even if you haven’t read the book! RSVP on our homepage if you are planning to attend!

You don’t have to read the book to come join the networking!

Save the Date! January Meeting: Woods Hole
Friday, January 11, 2011

On Friday, January 11th, 2011, Allison Heater from the Woods Hole Oceanographic Institute Ship Atlantis will be presenting on: Life and Science on board Atlantis: the World’s most Advanced Oceanographic Research Vessel. Location and details will be announced in the next couple of weeks. This is sure to be an interesting meeting - mark your calendar to save the date! Check the website for registration.
**Region D News**

We are excited to announce the 2011 Region D Conference to be held March 4-6, 2010, in Knoxville, TN. The conference is hosted by University of Tennessee, Knoxville Society of Women Engineers. The goal of this conference is to give women in engineering the tools to succeed at both the academic and professional level. Be sure to register and reserve your hotel room - don’t miss out. The conference website is [http://www.swe.org/regiond/regiondconference/](http://www.swe.org/regiond/regiondconference/).

The conference is seeking volunteers for the following:

- Outreach Coordinator
- A Finance Committee to assess Region finances
- A Fundraising Coordinator and 3 general members
- A Corporate Strategies Director
- A Programming Director for the Region D Conference Planning Committee

The Region D website has more details on each of these positions at [http://www.swe.org/regiond/Links/Leadership.html](http://www.swe.org/regiond/Links/Leadership.html).

Contact the Region D Governor at governor-d@swe.org

Check out the Region D blog at [http://regiond.wordpress.com/](http://regiond.wordpress.com/)

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On Saturday, February 12, 2011, SWE-SC will once again host a one-day workshop designed to introduce girls to the many opportunities available in engineering. "Introducing Girls to Engineering Workshop", a.k.a. IG EW, will demonstrate to 3rd through 6th grade girls that engineering can be a fun and exciting career choice. The day, which begins at 8 a.m. and ends at 3:30 p.m., will also include adult activities for parents and teachers who are interested in staying to learn more about engineering and the futures that are available to girls.

The girls will explore engineering through a variety of hands-on activities at Merritt Island High School. The workshop classes will be led by women engineers who are living and breathing the field of engineering every day. The day will focus on workshops that the girls will choose. Each of the workshops that the girls choose they will produce a product that will relate to an engineering career that the girls can take home and continue to explore.

Parents and Teachers will have the opportunity to learn how they can help their daughter or students in such areas as motivation, keeping on track for college, and exploring career opportunities. Guest speakers will be on hand to answer questions.

**Location:** Merritt Island High School  
**Date:** Saturday, February 12, 2011  
**Registration will open December 1st.**

For more information, please contact Amanda Gayle at (321) 298-6270 or MDGonly@aol.com or visit [www.swe-sc.org/IGEW/](http://www.swe-sc.org/IGEW/).

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**Introducing Girls to Engineering Workshop**

*Saturday, February 12th, 2011*

*Presented by: The Society of Women Engineers, Space Coast Section*
WOW! That’s Engineering Workshop Review

As always, we had a wonderful turnout for WOW! That’s Engineering workshop. We had 246 girls from all over Central Florida, and 80 adult and high school volunteers. We are extremely grateful to the schools and the Girl Scout’s Citrus Council for supporting the girls and helping them get to this event. We had 12 different workshops for the girls to choose from; some old favorites such as Making Cosmetics and Cryogenic Magic and a couple of new workshops – Design a Lunar Lander and Making a Pop Fly.

During lunch the girls participated in a Q&A session, this provided them the opportunity to ask four engineering students from our Florida Tech SWE student section a variety of questions like “What made you want to be an engineer?”

Many people are amazed by the amount of supplies that we use for this event alone, so here are a few stats: 89 pizzas, 384 bottles of water, 896 ounces of liquid nitrogen, 100 pieces of electronic equipment, 20 cans of icing and 25 pounds of pasta.

Thank you to all of you who volunteered, we could not do it without you!!!

October Meeting Review: Space X

The October meeting was located at the Courtyard Marriott in scenic Cocoa Beach. Jennifer Saito was the featured speaker from Space X. Some of the topics covered were details about their various products, plants, and engineering processes. The speaker shared anecdotes about working with CEO, Elon Musk, who appears to have the charisma of a rock star. We also learned about Space X operations here in Brevard County. We were fortunate enough to have significant representation from our student chapters. The Space X team stayed late to answer questions from professional and student members.
Making Strides Against Breast Cancer Review

This year a few of the SWE Space Coast section members signed up to walk in the American Cancer Society Making Strides Against Breast Cancer on the Space Walkers team. The walk was a non-competitive 5k at The Avenue in Viera held on October 23, 2010. The team raised a little over $3,400 and had 15 team members. Thank you to all of you who supported us with a donation. If you are still interested in making a tax deductible donation, please visit: [http://main.acsevents.org/poto/space_walkers](http://main.acsevents.org/poto/space_walkers)

We know that there are a lot of cancer events out there, but Making Strides speaks to us because funds raised enable the American Cancer Society to help people stay well and get well from breast cancer, find cures, and empower people to fight back today. With your help, we can save lives.

We’10 Annual Conference Review

Orlando was the home for this year’s SWE annual convention from November 4 – 8th. Nearly 6000 women from around the world attended this inspiring event. There were hundreds of sessions with speakers on topics varying from motivational, organizational, career planning, technical, work-life balance and more. Behind the scenes tour were offered for SeaWorld, Universal Studios, Disney and many of Orlando’s local industries.

Our Space Coast section had almost twenty members who were able to attend some or all of the days. Together many of us enjoyed the Keynote Breakfast/speaker on Thursday morning, a pizza dinner with students from FIT and Embry Riddle on Friday night, and the Celebrate SWE Awards banquet on Saturday night.

Space Coast was proud to win two awards, the Motorola Multicultural award, and the Outreach MOU Partnership Award. The Multicultural award recognizes our efforts towards diversity, while the Outreach MOU (Memorandum of Understanding) Partnership recognizes our efforts with FIRST (Lego League).

Our next conference will be our Region D Conference from March 4-6th in Knoxville, TN. Regional conferences offer a more affordable program in a collegiate setting. Contact one of our officers if you’re interested in attending!

Happy hour at the Copper Canyon Grill

Friday night student dinner at Pizzeria Valdiano

Awards banquet on Saturday night.
ERAU-SWE Update

The ERAU Section had a great time attending We’10 Annual Conference this year with 10-16 members in attendance on various days. The Career Fair was especially successful with several students getting interviews and/or making contacts.

The student section IGEW event on Saturday, November 13th went well with 11 students in attendance (23 registered). The girls were able to enjoy hands-on sessions about the solar system, electrical engineering, structural/mechanical engineering, and chemical reactions. They were also able to tour the Embry-Riddle Campus and ask the students what inspired them to pursue engineering and or science. Big thanks to the approximately 20 volunteers and 7 parents who helped out! The morning event provided a great communication base with a local elementary school for future events and they are hoping to expand to other schools or grade levels in the country next year.

Looking forward, the section is planning a Thanksgiving potluck, gathering gifts to donate for Christmas, and a Holiday end-of-semester Night Out!! Hope everyone has a safe and wonderful holiday season!

Kristin Lucas
ERAU Counselor ’09-’10,’10-’11

Holiday Recipe: **Ooey Gooey Pumpkin Cake**

Pre heat oven to 350°

Part 1:
1 box of Betty Croker Yellow Cake (or Spice Cake Mix for a twist)
1 Stick of butter
1 Egg

Combine and spread into an ungreased 9”x13” pan.

Part 2:
1 stick of butter
1 8oz container/block cream cheese

Mix together (with electric mixer if possible).

Then add:
1 16oz can pumpkin
1 tsp cinnamon
½ tsp nutmeg
1 box (16 oz) powder sugar

Mix well and poor over cake mix.

Bake for 40 min 2nd rack up.

Cool and serve as is or serve chilled for an even more delectable experience.

Volunteer opportunities...

Judges/Mentors are always wanted for various other events within the Brevard/Volusia/Indian River counties for more info contact Outreach Coordinator Kristin Lucas at Kristin.N.Lucas@boeing.ksc.nasa.gov or (703)901-7433

IGEW Volunteers Wanted –February 2011
http://www.swe-sc.org/IGEW/

Info Wanted...

Awards Banquet chairperson is looking for company contact information to send letters to solicit award nominations. Please help by e-mailing any information to dsperber01@gmail.com
Mission Statement
Our mission is to inform the community of opportunities open to women in engineering and to encourage women to enter and grow in engineering and the sciences.

Section Objectives
- **Continuing Development**
  Conduct programs that provide leadership and management skills to enhance professional, personal and SWE growth.
- **Network Support System**
  Provide a network to support professional, personal and family needs.
- **Promote Engineering/Science**
  Conduct programs to encourage and sustain increased female and minority participation in engineering and the sciences.
- **Visibility**
  Increase visibility in order to boost membership and increase members with more opportunities to serve their communities.

Aspire. Advance. Achieve

Society of Women Engineers
Space Coast Section
P.O. Box 1297
Cape Canaveral, FL 32920

spacecoast@swe-sc.org
www.swe-sc.org