President’s Corner

Well, another year is wrapping up for SWE-SC. We’ve had a great year with very successful outreach for both younger (IGEW) and older (WOW!) girls. We had some great meetings with speakers from Woods Hole and a tour of NOAA. We also had a lot of fun at our social meetings and book clubs. We hope you had a chance to participate in many of our events this year, and look forward to more fun next year.

The Space Coast area continues to struggle with the end of the Shuttle Program, and SWE-SC is not immune from the effects. Our membership has decreased this last year, and many of our members have transferred to jobs out of the area, or are facing unemployment. For the last two years we have had to monitor our budget very closely, and have had to limit some of our scholarships and Science Fair Awards. Fortunately, we have not yet had to reduce our investment in our key outreach events, IGEW and WOW! That’s Engineering. We continue to look for corporate donations and grants to aid our overall financial outlook. We encourage all of our members to keep SWE-SC in mind when designating United Way Contributions, or to assist with getting corporate donations from their company towards our outreach programs.

We wish all of you a wonderful summer, and look forward to seeing you at future events!

Lori McPherson
SWE-SC President

Calendar of Events

<table>
<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 10, 2011</td>
<td>Get Fired Up Pottery</td>
<td>Melbourne, FL</td>
</tr>
<tr>
<td>June 26, 2011</td>
<td>June Book Club</td>
<td>Squid Lips</td>
</tr>
<tr>
<td>October 13-15, 2011</td>
<td>WE 11 Annual Conference</td>
<td>Chicago, IL</td>
</tr>
<tr>
<td>October 22, 2011</td>
<td>Making Strides Against Breast Cancer</td>
<td>The Avenues, Viera, FL</td>
</tr>
</tbody>
</table>
June Event: Get Fired Up
Friday, June 10, 2011

Join us on Friday June 10th at Get Fired Up Pottery in Melbourne for another fun night of pottery painting, Pizza, beer, and fun with SWE-SC! We had so much fun last year, we had to do it again – you won’t want to miss it! $15 for SWE members covers your Pizza and drinks. You’ll also need to purchase a piece of greenware to paint. Prices start at $6, with over 200 pieces available under $25. After painting, Get Fired Up will fire your piece for you to pick up later. Register at http://swe-sc.org/
Time: 6:00 PM
Location: Get Fired Up Pottery 536 E New Haven Ave, Melbourne, FL

June Book Club

Our next Book Club meeting will be on Sunday, June 26th at 2 pm at Squid Lips in Eau Gallie. Register at www.swe-sc.org

A large group from SWE-SC met on March 13th at Dixie Crossroads in Titusville to review the book The Girl with the Dragon Tattoo by Steig Larson. While most of the group lunched on Rock Shrimp, all enjoyed reviewing the first of the “Trio” of books featuring a highly intelligent, yet emotionally damaged heroine, Elizabeth Salander. The books have an underlying theme of female abuse, but features exceptionally strong women who find ways to deal with their abusers.

The SWE-SC Book Club also met on Saturday, May 14th at River Rocks to review Alice I Have Been by Melanie Benjamin. The book was a fictional account on the relationship between Lewis Carol and the “real” Alice in Wonderland, Alice Liddell. The Author drew on historical documents from the time to develop an intriguing examination of the relationship between the older man and the young child. There was very interesting discussion among delicious food (and unfortunately, too many lovebugs!) at River Rocks in Melbourne.

Our next book is Hotel on the Corner of Bitter and Sweet by Jamie Ford. We’ll meet Sunday June 26th, 2 pm at Squid Lips in Eau Gallie. This book centers around the Japanese internment during WWII, but is not a dark or heavy book. We’re sure you’ll enjoy it!

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!

Flan now to attend the 2011 Annual Conference – ‘WE 11 - October 13-16th in Chicago! WE ‘11 is THE event for ALL SWE members to attend top quality sessions for Professional Development, career guidance, Inspirational speakers, and more. The website for the event is up, and can be found at: http://we11.swe.org/

Attendees can qualify for significant registration discounts by volunteering for just a few hours at the event. These spaces are limited, so if you’re planning to attend and are interested in the volunteer discount, sign up asap at: http://we11.swe.org/volunteerrspeakers/volunteer-training

SWE-SC always has a great time at annual conference, and we’d love to have another large group attend WE ’11 in Chicago. If you are considering attending, please let us know so we can keep the group informed on meet points for events (Keynote breakfast, happy hour, Celebrate SWE banquet and more).
March Meeting in Review: Awards Banquet

The 2010 Women Engineering Awards Banquet was held on March 1st at Rockledge Country Club. A full house was on hand to congratulate the many nominees and honorees for the evening. The evening began with the presentation of two $1000 Scholarships to High School Students. The scholarship winners were Samantha Lee of Melbourne Central Catholic High School and Evelyn Maddox from Palm Bay High School. Samantha Lee will be attending Georgia Tech University for Engineering. Evelyn Maddox will be attending the Florida Institute of Technology for Electrical Engineering.

Following dinner, Speaker Paula Stenzler from Universal Studios presented the Keynote address, talking about the many people in her life that supported her and encouraged her towards the Engineering Profession. The program then continued with the three Award Categories, presenting at first all of the Nominees, and finally announcing the Award Recipient. The three categories are: Distinguished New Woman Engineer, Woman Technical Achievement Award, and Outstanding Woman Engineer. We had many incredible nominees this year for the awards, and choosing a winner from the Nominees was a difficult task. Hearing the great accomplishments for all of the Nominees was a great inspiration to all in attendance.

Region D Conference in Review

This year the region conference was held in Knoxville, TN hosted by University of Tennessee and Smoky Mountain professional section. The conference was held on March 4-6 and focused on sustainability of engineering, professional life and personal life. This year we had about 200 people attend the conference from across the region. During the conference everyone was able to attend various workshops as well as have speakers during breakfast/lunch. The workshops that were held ranged from handling money, interviewing and work life balance. We were able to grow in a professional, career and sections levels. There was also a career fair held with companies from around the region looking for internships and full time employees. At the end of the conference we had an awards dinner where we recognized people from around the region in various areas.

Everyone that attended had a great time and was able to meet more people from around the region. The conference was a great way to get the word out about different events going on throughout the region. All the sections are doing a lot of great activities and are working hard. All the sections that attended had great ideas to share about communication and membership that work well for them. This was a great conference and you should plan to attend next year’s conference in Charleston, SC hosted by Low Country.
Member News

Meet & Greet

Name: Yashica Hunt
Occupation: Quality Engineer at Harris Corporation
Years at occupation: 6 years
Where did you graduate from?
Tennessee State University, Nashville, TN (Bachelors of Science Electrical Engineering and Masters of Engineering – Manufacturing Engineering)
What do you like best about being an engineer?
My interest in engineering is driven from technology innovation and its effects of lifelong learning.
Why did you join SWE?
SWE has always been an organization that has guided women engineers to succeed throughout their educational and professional careers. It provides a forum to learn and share experiences from other women engineers. In addition, SWE gives back to the community by hosting and sponsoring events to spark interest in engineering and science at an early age.

How long have been involved with SWE?
I was an active member in college for 5 years, where I held officer positions during that time. I have been SWE Space Coast member approx. 1 year.

Anything about your life you’d like to share?
I am also an active member of National Society of Black Engineers and American Society of Quality. I am also involved with numerous community service activities.

Members in the Community

The Space Walkers Team is at it again with Susie Allen-Sierpinski as our team (for the 4th year) leader to raise money the 2011 American Cancer Society Making Strides Against Breast Cancer Event. The walk is a non-competitive 5k at The Avenue in Viera held on Saturday, October 22, 2011.

Last year we had about 15 team members signed up to walk on the team, about five of them were members of the SWE Space Coast section. We also had your help with donations and the team was able to raise a little over $3,400. We hope this year you will be able to help us out again. If you are interested in making a tax deductible donation or joining our team, contact Susie Allen-Sierpinski susie.allen@gmail.com or Adia Griffin adia.griffin@gmail.com, who are currently registered to walk.

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.
Volunteers Wanted...

SWE-SC Outreach Committee
Looking for 2012 Science Fair Chair
Responsibilities include coordinating with local county schools and filing paperwork, judging, and awarding Scholarship awards to exemplary projects completed at the Junior and Senior levels. The fairs generally take place on Saturday mornings/early afternoon ranging from the end of January to early March.

NASA Education Office is Seeking Volunteers
Upcoming Activities:
- Bus Escorts for Launch Viewing
- NASA Saturday Academy at the Educator Resource Center (located at the KSC Visitor Complex)
  Days: April 16, May 21, June 18
  Times: 10am-12pm each day
- Summary: Volunteers will assist the Educator Resource Center in teaching underserved/underrepresented students using hands-on activities.
  Contact: Priscilla Moore, Priscilla.M.Moore@nasa.gov
- NASA Family Education Nights at the Astronaut Hall of Fame
  Day: June 4th
  Time: TBD
- Summary: Volunteers will assist the KSC Education Office with hands-on student activities. This event is currently in the planning stages and more information will be available soon.
  Contact: Jessica Paglialonga, Jessica.R.Paglialonga@nasa.gov or Liz Wise, Liz.Wise-1@nasa.gov

Community/Special Requests
Boy Scout Engineering Badge
Boy Scouts request an engineer to come speak with and work through requirements for the boy’s badge in engineering. Help either a small group or individual understand requirements and develop projects to satisfy learning skills. Time could be at once or over the course of a few weeks/months.

STEM Education Events in Vero Beach area
If any companies or other organizations are planning Outreach Activities please let us know and we will promote or pass information along to students interested in events for the ‘Treasure Coast.’

Junior and Senior High School Girls seeking mentors in the Engineering Field
Several Older girls interested in majoring in Engineering in college and would like to speak with a Woman Engineer. Email or phone availability requested. Possible information/questions include current industry standards, how to plan, different career fields, how to market yourself, is male/female ratio an issue, etc.

Research Opportunities or Partners for School Projects
Ranging from 8th through 12th grade, students looking for Research Projects to be involved for School-based projects and/or outside of classroom Science lessons
If you are interested in or have information on any of the above opportunities, please contact Kristin Lucas @ outreach@swe-sc.org or 703-901-7433 or contact listed above. I look forward to hearing from you!! Thanks for your continued time & support!!

Something Fun

Celebrate 30 Years of the Shuttle Program with this Word Search.

STS-135 is the last launch for the program as well as for orbiter Endeavour. Hope you will get to enjoy this spectacular event targeted for July 8th at about 11:40 am. Keep up to date with the mission status with www.SpaceFlightNow.com!

| ASTRONAUT | DISCOVERY | LAUNCH |
| ATLANTIS  | EIGHTY-ONE | MISSION |
| BOOSTER   | ENDEAVOUR | SHUTTLE |
| CHALLENGER| ENGINE    | SPACE  |
| COLUMBIA  | FLIGHT    | TANK   |

E W S Y W C D M P O C Y A E G F Z F
R N R P Q G I S K K R O T Q X Z J H
S U O E A S K W U E R A L O T M D C
X W Z Y S C M S V G U R A U D S O N
F O Q I T G E O P X O F N G M W P U
Y P O M L H C U J M V M T L E B U A
Q N J P H S G E T U A Z I R X R I L
O E N G I E I E R T S O O B T A
F X O D U V G E E B D D G R M D N H
T O I D E T Z G A X N X H O O G Q R
A U C R H Y E U J A E X U Z N R D H
N S T G Y T N I X A L Y I H W P J
K M I L R W E D M X W A T C J P R E
K L V A D W Y R N C O G Q T C J G O
F Z U C F F Y I S K F C Y M U D B Z
T J S K L R W X G Q F M A E G H R W
P K G I T L R E G N E L L A H C S Y
A M C A S T R O N A U T Q G I A M D
Section Contacts

President:
Lori McPherson
LMcPherson@Walchem.com

Vice President:
Nancy Szpara
nancy.r.szpara@boeing.ksc.nasa.gov

Secretary:
Andrea Wesser
andrea.wesser@yahoo.com

Treasurer:
Kathy Whitcomb
kathy.whitcomb@swe.org

Publicity Chair:
Judy Kersey
judy.kersey@swe.org

Webmaster:
Elizabeth Weis
webmaster@swe-sc.org

Outreach Chair:
Kristin Lucas
kristin.n.lucas@boeing.ksc.nasa.gov

Scholarship:
Amanda James Disney
adisney@harris.com

Professional Development Chair:
Suzanne Plantec
plantecs@gmail.com

Membership Chair:
Angela Montez
angela.montez@gmail.com

Science Fair:
Mindy Ritz
mindyleeritz@yahoo.com

Engineering Awards Selection Chair:
DeAnn Sperber
desperber@harris.com

Engineering Awards Banquet:
DeAnn Sperber

Book Club:
Lori McPherson

Intro Girls to Engineering WS:
Amanda Gayle
mdgonly@aol.com

WOW That’s Engineering:
Susie Allen-Sierpinski
susie.allen@gmail.com

Student Sections
FIT Student Counselor:
DeAnn Sperber

Embry Riddle Counselor:
Kristin Lucas

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.