

Winter, 2008

Vol. 1 - Issue 3

SWE~Charlotte-Metrolina

Chronicle



Inside This Issue

Region D Conference 2008:
About the 2008 Region Conference
"Illuminations"
pg 1

President's Corner
E-Week Challenge
pg 2

Engineering Global Connections:
Charlotte-Metrolina submits bid for
2009 Region Conference
pg 3

Math counts volunteers needed!
Competition hosted by PENC
pg 4

Girl Scout Event
Upcoming Events:
Brief description of upcoming events
pg 5

SWE Region D Conference 2008

By: Amanda Nurse

The University of Miami Collegiate Section of the Society of Women Engineers (SWE) is excited to welcome you to the 2008 SWE Region D Conference in historic Coral Gables, Florida. The purpose of this conference is to provide an exciting opportunity for all attendees to explore the ways in which women in technical careers collaborate to create the future and challenge traditional perceptions of women. The theme we have chosen is Illuminations: Women Collaborating to Enlighten the World, which will be highlighted throughout the conference with a variety of networking events, workshops, and keynote speakers.

Highlights of the conference include a welcome reception at the Coral Gables Country Club, a variety of workshops, featuring several charismatic speakers, an extensive career fair, an awards ceremony hosted by President Donna Shalala at the Miami Museum of Science, and a forum between professional and collegiate members to discuss ways in which women in engineering will continue to enlighten and shape the world.

We look forward to seeing you this spring. Remember bring lots of resumes and business cards and most importantly don't forget your sunscreen!

Visit the conference website to get more information and register.



<http://www.swe.org/regiond/regiondconference/index.html>



President's Corner

By: Mandi Brigman

I can't believe it's already February. I hope everyone is sticking to their resolutions. This is the time of year that we begin

to lose our motivation and fall back into old patterns. If you feel like you're becoming complacent, try to focus on the benefits of achieving your goals.

In addition to the personal goals you set for yourself at the beginning of 2008, I'd like to propose another. Get involved with National Engineers Week during February 17-23, 2008. This week is dedicated to outreach and letting the world know why Engineers are important. Thursday, February 21, 2008 is Introduce a Girl to Engineering Day. Use this day to inspire girls to consider careers in Engineering and Technology through your personal experiences. Mentor girls and young women by visiting a local K-12 class or allow a student to shadow you on the job. If your schedule is full during the week, you can attend our section's Girl Scout Event on Saturday, February 23, 2008.

There are many ways you can participate in Engineers Week. Follow this link to find 50 Ways One Engineer Can Make a Difference. For more information on Engineers Week 2008, go to www.eweek.org. This site is filled with Engineering facts, scheduled activities around the country, hands-on experiments for making classroom presentations, and much more.

Tell us how you plan to celebrate Engineers Week and you could win a SWE dress shirt! Details can be found at swe-cm.org. Click on Feb 15 on our navigation bar Event Calendar to complete the submission form.

Good luck,
Mandi

Section Bylaws Update

By: Kerrie Goforth

With the revision of the SWE national bylaws in 2003 to modernize the language, remove procedural text, and embody the new SWE organizational structure, it became necessary to ensure that this new organization is reflected in the regions and sections.

A template has been written with proper parliamentary language and provides consistency in those areas that should not change (e.g. grades of membership, parliamentary authority, and dissolu-

tion). The template provides a process for changing section bylaws as a result of changes at the Society level.

Sections are expected to prepare a revision of their bylaws, by using the template and adjusting as appropriate for their section-specific issues within the guidelines of the template and submitting them for review. Our Section draft bylaws were submitted to the bylaws committee chair on February 1. Once our draft bylaws have been approved by the bylaws committee, they will be posted on our website for Section Member review and approval.

Diversity Round Table

By: Kerrie Goforth

On January 15, 2008, a diversity round table dinner meeting was held at Illume-Mediterranean Bistro in the Omni Charlotte Hotel. Seven people were in attendance, including five members and two non-members. Before dinner, a discussion of the three delusions of inclusion, taken from www.inclusion.com/inclusion.html, took place. The three delusions discussed were: Delusion 1 "Inclusion means that everybody must love everybody else or 'We must all be one big, happy family!'" Delusion 2 "Inclusion means everyone must always be happy and satisfied or 'Inclusion cures all ills,'" and Delusion 3 "Inclusion is the same as friendship or 'We are really all the same.'" During the dialogue about the delusions, other inclusion-related topics from individuals' work scenarios were also discussed. After dinner, we had a round of introductions when each attendee was given the opportunity to briefly talk about their background and work focus. The meeting concluded, at the request of Section President Mandi Brigman, with a discussion/brainstorm of ideas for Duke Energy to use to market their newest outreach endeavor to reach middle and high school students about engineering.

SWE Web Seminars

The Web Seminars listed below are free for SWE members; \$49 for non-members. To view a description of each seminar or to register for one, you may visit the Professional Development (PD) page on our website (<http://swe-cm.org>). If you are unavailable for a live seminar, registration allows you to replay it whenever your schedule permits. Check our PD webpage often for new opportunities that become available.

What You Should Know About Interacting with Executives
February 5, 2008, 5 p.m. (EST)
Speaker: Rachel S. Hutter, Director of Facilities Systems & Processes for Walt Disney Parks & Resorts

Emerging Strategies for Leveraging a Global Workforce
February 12, 2008, 5 p.m. (EST)
Speaker: Tana Utley, Chief Technology Officer and Vice President, Caterpillar Inc.

From College to Cubicle: What to Expect During Your First Year on the Job
February 20, 2008, 5 p.m. (EST)
Speaker: Connie Shoemake, Vice President of Sales, IBM Corporation

"Engineering Global Connections"

SWE~CM Submits Bid for 2009 Region D Conference

In October 2007, the Section was approached about submitting a proposal to host the 2009 Region D Conference. A group met on November 11 to discuss the opportunity and prepare a bid. Jennifer Braganza and Chris Cathcart wrote the proposal and Chris submitted it to the Region D Governor, Harmony Myers, on November 30. Harmony called a teleconference for the Region D Council of Representatives (COR) to hear proposals from SWE-CM and the Georgia Institute of Technology Collegiate Section. Chris Cathcart prepared the bid presentation and presented the bid for our Section at the teleconference. Online voting will be open to COR members until February 8. SWE-CM Section Members were asked to give their input by February 7. An announcement will be sent after results are released.

Carowinds Education Days

April 3, 11:00AM-4:00PM

May 16, 9:00AM-12:00PM

By: Mandi Brigman

Jean Matthews from Carowinds would like SWE to provide at least 10 volunteers to lead ride talks on Friday, May 16th from 9am – 12pm. The volunteers are strongly encouraged to attend a half day training session on Thursday, April 3rd (approximately 11am – 4pm) at Carowinds but are not required to attend since we are engineers. During the training session, the park will be closed and the volunteers will receive an in depth park tour (they'll cover everything



Cheryl Kinchen (right) speaks with Waldhorn Restaurant entertainer after a performance for our tables during the December 2007 Social.

from biology to landscaping to pumping systems and even cycle the rides). After the tour, volunteers will be split in groups to obtain extensive knowledge about one ride.

Carowinds will provide Education Day T-shirts to all volunteers and will advertise the Society of Women Engineers on their website. The talking points will be developed by NC/SC College Faculty; all we have to do is learn them.

The coordinator for this event is Mandi Brigman, Mandi.Brigman @ swe.org. RSVP to Mandi or our webmaster as soon as possible, no later than March 3, if you want to volunteer on May 16. Please include in your RSVP if you will be attending the April 3 training session.

December 2007 Holiday Social

By: Erin Day

The Society of Women Engineers – Toys for Tots – Holiday Social was held on December 7, 2007 at Waldhorn Restaurant, Pineville, North Carolina. Twenty people were in attendance, including 8 members and 12 non-members. The Charlotte-Metrolina members and supporters came together to donate approximately 25 toys for the Marine Toys for Tots Foundation. Each person who gave a toy was entered into a raffle. Numerous prizes were given in the raffle including gift cards, Avon products, and SWE items.

MATHCOUNTS VOLUNTEERS NEEDED!!

The South Piedmont Chapter-PENC MATHCOUNTS Competition will be held Tuesday, February 19, 2008 at the UNC-Charlotte Cone Center.

The South Piedmont Chapter-PENC MATHCOUNTS Competition will be held Tuesday, February 19, 2008 at the UNC-Charlotte Cone Center. We are in need of volunteers to assist us in the following areas:

- o Proctors – (Need 6-7) Distribute tests, pencils, scratch paper, etc.; read testing instructions; monitor the students during the testing to be sure no one is talking or revealing answers; collecting the tests and taking them to the scoring room; etc.
- o Scoring – (Need 20+) Grade each round (3 rounds total), tabulate results, and provide results to the individual running the scoring program.
- o Registration – (Need 4) Make sure each school participating signs in and updates any changes to their rosters prior to the competition, gets the updated registration list to the scoring room to revise the scoring program as needed, and handout tee-shirts to each student participating.
- o Countdown Round – (Need 3) Reading the questions to the students for each

round, judges to determine if the answers are correct (all judges will have an answer sheet.

- o Refreshments – (Need 2) Oversee to break area to ensure students don't take too much and prevent others from getting any refreshments.

- o Clean-up – (Need all who can help) Helping clean the rooms following testing, refreshment breaks, grading, etc.

None of these jobs is very difficult. Anyone grading or judging will be given answer sheets. The proctors basically monitor the testing room just like someone does during the SAT's or any other timed test. The instructions are straight forward, and we will provide stop watches, scratch paper, and pencils.

We will start registering schools at 1:00 PM Tuesday, February 19th.

All volunteers (except graders) will need to report to UNCC's Cone Center by 12:00 PM Tuesday the 19th to get

their assignments and start preparing their specific areas. Those scoring/grading the tests will need to report by 1:30 PM to get to their assigned room and get the scoring information needed prior to the start of the testing. They are dismissed after all tests are graded and scores are entered into the scoring system. The competition begins at 2:00 PM with 3 rounds of tests plus the final Countdown Round. We anticipate completing everything by 7 PM+/-.

Parking will be available in the Cone Deck adjacent to the Cone Center. However, because it is a weekday, there will be a cost to park in the Cone Deck. Anyone volunteering will need to contact Tommy Sherard to get a token to allow them to park free.

To volunteer, please contact:
Tommy Sherard

Email: tasherard @ dukeenergy.com
Office: 704-382-7740 Cell: 704-965-0738

Introducing swe-cm.org

By: Kerrie Goforth

On January 24, 2008, the section's new website was unveiled to our contacts. The new site and domain were made possible by the Section's online marketing intern, Fern Blair. In July and August 2007, the Executive Council approved an online marketing internship and offered it to Fern who is the daughter of

Cheryl Kinchen, Section Secretary. The EC also decided to pay for a web hosting service and register a domain for the Section. In addition to designing the new website, Fern designed this newsletter template and the SWE-CM logo that appears in the footer of our meeting flyers and other correspondence. Although the design credit goes to Fern, the website is still maintained by Kerrie Goforth, currently the Section Representative and List Serv Administrator. If you ever have questions concerning the site, please send an email to webmaster@swe-cm.org.

Visit our new site at
swe-cm.org!

Celebrate Women's History Month by Getting Healthy

March 11, 2008, 6:30PM

The Section's March Event will be a dinner meeting with Shira Capellini as the guest speaker. Ms. Capellini is the Director of Business and Program Development for the Wellness Coalition America. The primary mission of Wellness Coalition America is to educate people of all ages about the importance of exercise, proper nutrition and lifestyle management for achieving total body wellness; and to motivate them to take action. The event coordinator is Crystal Freeburg. Please RSVP by Friday, March 7 to Crystal.Freeburg@swe.org.





ENGINEERS WEEK® 2008

February 17-23

National Engineers Week Foundation

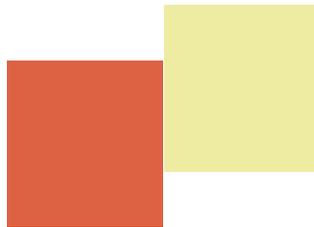
The National Engineers Week Foundation, a formal coalition of more than 75 professional societies, major corporations and government agencies, is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers among young students and by promoting pre-college literacy in math and science. Engineers Week also raises public understanding and appreciation of engineers' contributions to society. Founded in 1951 by the National Society of Professional Engineers, it is among the oldest of America's professional outreach efforts. Co-chairs for 2008 are IBM and the Chinese Institute of Engineers-USA.



Get Ready, Get Set, Stamp

April 13, 2008, 2:30PM

Come join us for some fun on Sunday, April 13 at 2:30pm while we learn how to stamp with Kim Cagle. Kim is an Independent Demonstrator with Stampin' Up and will teach the basics of stamping while demonstrating three make-n-take projects (2 cards and 1 non-card project). There is a \$5 fee which covers the materials for all three projects and is payable to Kim via PayPal when you RSVP. We will be stamping at Kim's home. The address and directions will be sent to those who RSVP. The PayPal link for RSVP's will be sent as the date draws nearer. The coordinator for this event is Kerrie Goforth, Kerrie.Goforth @ swe.org.



Girl Scout Event

February 23, 8:00AM-2:30PM

Our annual Girl Scout Event will be held on February 23, 2008 from 8:00AM-2:30PM at the Hornet's Nest Girl Scout Council Complex at 7007 Idlewild Road, Charlotte, NC 28212. Girl Scouts will participate in hands-on activities while the engineering behind them is explained. Potential sessions include Bridge Building, Chocolate Asphalt, Electrical Circuits, Paper Airplanes, Slime, and Tie-dye. A planning meeting is scheduled for Monday, February 11 at 6:00PM and will be held at the home of Chris Cathcart. If you wish to volunteer, contact the Section at Charlotte.Metrolina @ swe.org or our webmaster. If you plan to participate in the planning session, please RSVP by February 8.

Upcoming Events

Feb 5 – SWE Web Seminar: *What You Should Know About Interacting with Executives*; 5:00PM

Feb 12 – SWE Web Seminar: *Emerging Strategies for Leveraging a Global Workforce*; 5:00PM

Feb 17-23 – Engineers Week (E-Week)

Feb 19 – MATHCOUNTS Competition hosted by PENC South Piedmont Chapter; 12:00PM

Feb 20 – SWE Web Seminar: *From College to Cubicle: What to Expect During Your First Year on the Job*; 5:00PM

Feb 23 – Girl Scout Event; 8:00AM-2:30PM

Feb 29-Mar 2 – Region D Conference 2008 in Miami, FL

Mar 11 – Women's Wellness; 6:30PM

Apr 3 – Carowinds Education Day training; 11:00AM-4:00PM

Apr 13 – Get Ready, Get Set, Stamp (Stamping 101); 2:30PM

Apr 15 – Officer Nominations due and slate announced

May 1 – ½ Day Professional Development Seminar

May 1-25 – Officer Elections

May 16 – Carowinds Education Day; 9:00AM-12:00PM

Jun 12 – Annual Awards and Recognition Banquet

Details of our events can be found on our website under the Calendar of Events.

Our new mailing address:
PO Box 37784
Rock Hill, SC 29732