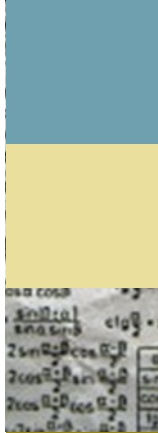


Summer, 2012

Vol. 6 – Issue 1



SWE~Charlotte-Metrolina

Chronicle

DESA 2012 Distinguished Engineering Service Award Recipient Named

June 15, 2012

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Section Anniversary Celebration

Meredith Allen from Rockwell Automation was presented the 2012 Distinguished Engineering Service Award by the Society of Women Engineers Charlotte-Metrolina Section for her efforts in creating the Charlotte Engineering Network (CEN, page 4). In addition to this effort, Meredith is an active member of the Professional Engineers of North Carolina (PENC) and has volunteered at SWE events such as the Girl Scout event. A small group of friends, family, and SWE-CM members joined on June 15, 2012 at Portofino's Restaurant to celebrate Meredith's accomplishments. As a part of the award, Meredith also received SWE membership dues for FY13.



Meredith Allen (l) receives the 2012 Distinguished Engineering Service Award from FY12 Section President Jennifer Wagoner (r).



President's Corner

By: David Causey

Why is engineering a male-dominated profession? How do we structure the SWE Charlotte-Metrolina Section to attract and retain more members? What do we need to be doing to validate our value in the engineering community so that more employers take notice?

These are a few of the questions that we face in SWE today. None of these are new, and similar professional sections are asking the same questions.

I am David Causey and I'm proud and honored to be the 2012-13 President of the CM Section. Serving as an officer in any SWE Section would be an honor and would offer many chances for professional development, networking, friendships, and leadership skills. But here in Charlotte, it's a slam dunk.

Charlotte's economy continues to become more and more technically oriented. The energy sector alone employs over 25,000. The Carolinas in general, and Charlotte in particular, are home to many of the engineers designing our planet's new power generation. And that workforce ranges from cutting edge researchers at UNC Charlotte's new EPIC campus; to the design engineering companies like AREVA, Shaw, URS, and Mitsubishi; to the component manufacturers like Siemens; on to the generation owners, like Duke Energy. And that's just one of several engineering segments located here.

Aspire, achieve, advance. Those three words say a lot about SWE's focus. There is no better engineering community today in which to live by those principles. This section will not only benefit from Charlotte-Metro's transition, we will contribute to and shape its success. Our section has a place for you to grow, expand, and contribute. Join us.

Renewal Time!

Calling all SWE-CM Members... renewals are due **September 30**. We are excited to finally say we have over 50 members so help us maintain that! The following link has information about Membership benefits and a link to join/renew. After September 30, you will need to 'reapply' and pay the \$20 processing fee.

http://societyofwomenengineers.swe.org/index.php/membership/benefits-a-discounts?layout=swe:typesbenefits#activePanels_

Annual Awards Banquet

June 15, 2012

Each year the Charlotte-Metrolina Section hosts an Awards Banquet to celebrate the year's accomplishments. We thank our outgoing officers and install the incoming. But, the highlight of the evening is recognizing our award recipients.

FY12 was yet again a successful year for SWE-Charlotte. We had a fun social night at artspace studio, donated much needed items to the Battered Women's Shelter Holiday Store via our holiday social, and enjoyed a dinner with the UNCC Collegiate Section. We participated in the UNCC COENGR Fall Picnic and the York High Career Fair, hosted a STEM Informational Meeting, and reached 76 girl scouts and well over 100 students in CMS with our outreach and EWeek events. We celebrated 12 years of reinstatement on May 12, 2012, and received several awards at the Regional and Society levels. This year the Section received the Region D Outreach MOU Award, the Region D Membership Retention Award, and the Society Membership Retention Award, each with a monetary prize as well.

The Section would not have accomplished all it has without its faithful and dedicated officers and volunteers. Most of the officers are returning to the same positions for FY13; Section Secretary Yurania Jimenez, Section Treasurer Kerrie Goforth, and Section Representative Rose Mary Seymour are all returning for another term in their respective offices. Section Vice President Angela Berry was planning to take a year off but was written-in as Alternate Section Rep for FY13 so she will be returning in a different role. Section President Jennifer Wagoner led the charge but is relocating so we thank her for her service to the Section and wish her the best in her transition. While we are saddened by the eventual loss of Jennifer, we are excited and very proud to announce that the Presidency is being

filled by the Section's first male officer, David Causey. If you wish to 'meet' our officers, Officer bios and pics are on our web-



Incoming Officers (l-r) Yurania Jimenez, David Causey, Angela Berry

Executive Council Meeting —August 12, 2012

The Section's Executive Council (EC) met at Panera Bread near UNCC on Sunday, August 12 to plan the upcoming meetings and activities as well as discuss a website and newsletter redesign. The EC conducted a brief internal audit by reviewing the FY12 Financial Report to the Society, developed the calendar of events (page 4), and approved the FY13 budget. In addition to these standard business items, the EC also met with the original web designer, Fern Blair, and acquired her services to redesign the website and newsletter. Ms. Blair will present the new design to the EC on October 27 and our hopes are to have the new site live shortly thereafter. A corporate sponsorship program is also being developed as well as a major networking and professional development-type event in March.

Engineers Are Epic! Event Helps Quantify Outreach Effort

SWE Charlotte-Metrolina holds semi-annual "Introduce a Girl to Engineering" Junior Girl Scout badge events titled "Engineers Are Epic!" This year's events are scheduled for October 20, 2012 8:00am to 2:30pm and Saturday, February 23, 2012 8:00am to 2:30pm.

The event is limited to 50 Junior Girl Scouts (4th and 5th Grade) and we almost always have a wait list! Our volunteers conduct five sessions around various fields of engineering including mechanical, structural, civil, electrical, and chemical engineering. A single volunteer generally leads each session and is assisted by other volunteers so that the Girl Scouts are provided with a lot of attention. The Junior Girl Scouts earn their SWE patch. Lunch is provided for the volunteers.

As part of a SWE's nationwide outreach efforts, SWE National is implementing a system to capture and quantify all volunteer hours spent on outreach efforts. As part of this implementation SWE Charlotte-Metrolina is announcing and managing our semi-annual Girl Scout Event through the new system. Please register as a volunteer in the system at <http://sweeterfutures.swe.org/>. You may then sign up for the October 20, 2012 Girl Scout Event via your Dashboard and record your volunteer hours following the event. Also, **note that you do not need to be a SWE member to register as a volunteer.** Once we register 10 volunteers through this system we will receive 10 Agilent kits for our use valued at \$220! These are fantastic kits we can use with the Girl Scouts and other outreach efforts.

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<http://swe-cm.org> | Charlotte.Metrolina @ swe.org | PO Box 38714 | Charlotte, NC 28278

FY13 Leadership Team

President:

David Causey
AREVA
franklin.causey @ areva.com

Vice President:

Mutsa Kemp
Siemens Energy
mchinodakemp @ hotmail.com

Secretary:

Yurania Jimenez
Yurania.Jimenez @ swe.org

Treasurer:

Kerrie Goforth
Goforth Residence
Kerrie.Goforth @ swe.org

Section Representative:

Rose Mary Seymour
CPCC
rosemary.seymour @ cpcc.edu

Alternate Section Rep:

Angela Berry
City of Charlotte—DOT
Angela.Berry @ swe.org

Membership Committee Chair:

Yurania Jimenez
Yurania.Jimenez @ swe.org

Newsletter Editor:

Kerrie Goforth (temp)
Goforth Residence
Kerrie.Goforth @ swe.org

Nominating Committee Chair:

TBD

Outreach Committee Chair:

Angela Berry (temp)
City of Charlotte - DOT
Angela.Berry @ swe.org

Website Coordinator:

Kerrie Goforth
webmaster@swe-cm.org

Upcoming Events

All plans are currently tentative. Email announcements with event details will be made for each event. To join our emailing list, contact webmaster@swe-cm.org.

SEP 21, 2012; 6:30PM

Speaker meeting (joint w/ SWE-UNCC) - potential topic: Social Media/Networking
Location and topic TBD

OCT 12, 2012

UNCC COENGR Fall Picnic

OCT 20, 2012; 8:00AM—2:30PM

"Engineers are Epic!" Junior Girl Scout Outreach Event
Hornet's Next Complex, 7007 Idlewild Rd, Charlotte, NC

OCT 27, 2012; 4:00PM

Executive Council Meeting
Lake Norman

NOV 8-10, 2012

Society of Women Engineers Conference (WE12.swe.org)
Houston, TX

NOV 16, 2012; 6:30PM

Dinner Meeting
Location and Topic TBD

DEC 7, 2012; 6:30PM

Holiday Social
Waldhorn, Pineville (tentative)

JAN 11, 2013; 6:30PM

EWeek Presentation
Location TBD

FEB 17-23, 2013; various days/times

EWeek Outreach in various CMS schools

CEN

Charlotte Engineering Network

by Angela Berry

Meredith Allen, along with Greg Hudson, have spearheaded an effort during the 2011 calendar year to bring the various engineering societies throughout Charlotte together in an effort to increase communication and collaboration. This was no easy task to begin.

In June of 2011, twenty-six different professional engineering society representatives met for the first time at a dinner organized by Meredith and Greg. This was a great opportunity for many of the representatives to meet new individuals as well as network with current colleagues. Many of us knew of each other's organizations but had never actually met with each other to discuss and review our goals as organizations to identify commonalities and areas for collaboration.

Forty people representing 25 of the 26 different professional societies attended the dinner meeting in June 2011. In preparation for the meeting, Meredith and Greg compiled a package of information for everyone including meeting objectives, agenda, list of attendees who had sent RSVPs, examples of possible collaboration areas, contact information for each society and summary descriptions for each society.

Following the meeting, Meredith and Greg provided a compilation of all of the possible areas where collaboration was possible as well as a short list of areas to begin the group's initial focus. The group also decided to give ourselves a name, the Charlotte Engineering Network. Over the summer communication among the organizations continued and a follow up meeting was held in August 2011 with over 30 individuals from the 26 different professional societies in attendance. The effort to bring us all together

again was organized by Meredith and Greg with a detailed agenda outlining our focus areas and volunteers as well as supper. These focus areas included communication, education, and professional advancement.

Each focus area has a scope and an initial objective due to the facilitative efforts of Meredith and Greg. The communication scope was to establish communication channels allowing us to cost-effectively network with each other with minimal maintenance. The education scope was to coordinate existing engineering education outreach programs within all of our societies (e.g., Engineering Week, Math-Counts, STEM programs, etc.) and introduce new programs so we more effectively support education as a combined engineering network. The professional advancement initial objective was to establish awareness of the Charlotte Engineering Network, setting the stage for ongoing efforts to increase the engineering profession's visibility and contribution to improving the Region's economic vitality and quality of life.

The group met again October 2011 to share their progress on the various initial objectives. Many positive things have occurred as a result of Meredith's and Greg's efforts to spearhead the creation of the Charlotte Engineering Network, a collaboration of the Region's engineering and engineering-related professional societies. These positive steps include better coordination of E-week activities as well as an opportunity to meet with local political candidates from all parties to discuss the vitality of engineering to our region. I look forward to their continued leadership.

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AWARDS continued from p. 2

site under the "About Us" page. We look forward to the coming year and everything that we can accomplish.

The highlight of the banquet is recognizing our two award recipients. In addition to the Distinguished Engineering Service Award (page 1), the Section presented the 2012 Service to SWE Award to former Section President Chris Cathcart. Chris has been a faithful and dedicated officer and volunteer for the Section, the Region, and the Society. She has served in many of the Section offices, most recently 3 terms as Section President for FY09-FY11. She has served in many capacities for the Region and Society including Region D Treasurer, Region D Senator, and on several Society committees. She is currently serving as a Leadership Coach for Region D. We congratulate Chris and Meredith (DESA recipient, page 1) on their accomplishments and thank them for their dedication and hard work to promote the field of engineering.

With the close of FY12, the Section looks forward to a fantastic FY13.



Chris Cathcart (r) receives the 2012 Service to SWE Award from FY12 Section President Jennifer Wagoner.

GIRL SCOUTS continued from p. 3

Please let Angela Berry (Angela.Berry@swe.org) know if you have any feedback on the use of this volunteer registration system. Also, SWE National has assured us that no personal information submitted will be released. Thank you as always for volunteering for this event. We couldn't hold it without you.

Please register as a volunteer in the system at <http://sweeterfutures.swe.org/>, then use this link to register for the specific Event <<https://swe.angelpointsevs.com/handlers/event/detail.aph?tstamp=1344284188781&eventCID=4153989-5f7cdc219eed475ad1f1db61a4650c0b>>.

Section Anniversary Celebration

May 12, 2012

Eleven members and acquaintances joined at Zapata's in Ballantyne on May 12, 2012 to celebration the 12th anniversary of the Charlotte-Metrolina Section's reinstatement. They had a wonderful time of socializing over a delicious meal and a decorated big cookie for dessert while discussing the Section's recent history and progress from a small section of 12 to a medium section of 52 members.

Pictured right is a portion of the group relaxing after the big cookie dessert.



EVENTS continued from p. 4

FEB 23, 2013; 8:00AM—2:30PM

"Engineers are Epic!" Junior Girl Scout Outreach Event

Hornet's Nest Complex, 7007 Idlewild Rd, Charlotte, NC

FEB 28—MAR 3, 2013

SWE Region D Conference, Orlando, FL
(www.sweregiond.org/Conference)

MAR 14, 2013; 6:30PM

Dinner/Speaker Meeting with Professional and Corporate Networking
Location and Topic TBD

APR TBD, 2013

Joint Social with SWE-UNCC

MAY 11, 2013; 6:30PM

Section Anniversary Celebration
Zapata's—Ballantyne

JUN TBD, 2013

Annual Awards Banquet