



Society of Women Engineers

Region G

Spring 2005

Summer/Fall Calendar

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| May 31 | OSS/ONSS Competition report due |
| May 31 | May and June Graduates to Upgrade their Membership |
| June 1 | Career Guidance Awards, including: Audio/Visual, Student Scribe and Corning Incentive Grant |
| June 1 | Technical Presentation Competition (TPC) papers due |
| June 1 | Boeing Multi-Cultural Program Student Section Awards application due |
| June 1 | Team Tech final written report and Advisor final evaluation due |
| June 30 | End of the SWE fiscal year |
| June 30 | Annual Report due |
| June 30 | Financial Report due |
| July 1 | Start of SWE fiscal year |
| July 1 | Renew SWE Membership |
| July 1 | TPC Regional Finalist notified |
| August | Headquarters sends membership packages to student sections |
| Sept | First rebate check sent to student sections |
| Sept | Recommend Team Tech presentation to local student and professional sections |
| Sept 1 | Fall Section Quarterly report due |
| Sept 15 | Freshman scholarship winners notified |
| Oct | SWE National Conference Team Tech and TPC finals SME Bowl |
| Oct/Nov | Start formation of next years Team Tech |
| Dec 1 | Drop date for renewing members who didn't pay dues |
| Dec 1 | December Graduates to Upgrade their Membership |

Courtesy of www.swe.org

**Questions? Comments?
Articles? Contact Your Editor
Bethany at swe@cmr.wvu.edu.**

**Don't forget your 2005 Region G
Conference at U of Toledo!!!**

Ohio Northern Takes a Break!



The first event organized by the Ohio Northern University 2004-2005 officers was the recently held engineering ice cream design contest. At the event, teams of two

were given ice cream sundae supplies along with an assortment of other toppings and told to "be creative" in using their designated materials. While designing these creations, the teams had to work quickly and carefully as the sundaes were melting fast. The supplies each team was provided with included: 2 sugar cones, 2 waffle cones, 5 Oreo cookies, a handful of Reese's pieces, one banana, chocolate syrup, strawberry syrup, sprinkles, 1 cherry, and of course



ice cream. To ensure an unbiased judging, we invited two faculty members to attend and pick the winning team. The first place team of Stephanie Koch and Sarah McConnell built a bridge out of their confectionaries. Other teams' creations included an ice cream sundae tower, an ice cream sundae "garden gnome," and an ice cream sundae house. Each member of the winning team was given a \$10 Barnes and Noble gift card (also good at our university book store). However, the best part of this activity was eating our ice cream sundae creation at the end. This event allowed everyone to take a break from studying and enjoy working together and socializing. It was a perfect way to wrap up the academic year- we definitely suggest trying an engineering ice cream design contest of your own!

By: Megan Bessick – Co-President SWE
Ohio Northern University

A Jam Packed Semester for Penn State

Spring 2004 at Penn State was jam packed with SWE sponsored events. In January, Penn State SWE put on the "1st Annual Mr. Engineer Competition." Male Engineering students competed in the following events: engineering design, engineering wear, talent, and business wear for the title of Mr. Engineer and to help raise \$2,000 for Penn State's 48 hour dance marathon. February started off with SWE's 6th annual Engineering Career Fair where 30 companies and 1,000 students were in attendance. Also in February, two SWE members danced for 48 hours to raise money for kids with cancer in Penn State's Dance Marathon. February ended with our "Spring Stayover" where 120 high school girls got to find out what it was like being a woman in engineering at Penn State. March brought SWE's College of Engineering Semiformal which attracted ~200 students to the Las-Vegas themed night of dinner and dancing. Finally, in April was the annual SWE Banquet, where the most active members were recognized and presented with \$3,500 in scholarships.



By: Julie Martinet – President
Penn State University

University of Cincinnati Excels!

The University of Cincinnati SWE section is currently finishing up plans for the 19th Annual Spring Recognition Banquet on May 17th. The Annual SWE Spring Recognition Banquet is held to honor those women who have chosen to pursue engineering careers and to recognize the students, faculty, administration, and the corporations who support the U.C. SWE Student Chapter. We also recognize five outstanding incoming fresh-women with scholarships sponsored by DowChemical.

This year has been a great year for our section. We have greatly increased our active membership to about 50% of our National members. For Outreach, we visited Mother of Mercy High School (an all girls catholic school in Cincinnati) and spoke about engineering, invited girls to a women's basketball game, and had a successful Shadow Day for prospective high school students.

An activity that we found very beneficial was interacting with the Miami Student Section. We met for an Ice Cream Social in the fall and exchanged various ideas. Several of our members recently raised money for Relay for Life and the March of Dimes.

Perhaps the most exciting event that has influenced our local section was winning the bid for the 2006 Regional Conference. Two energetic freshmen, Nicole Jones and Rachel Marker, took on the task of beginning the plans.

New officers for next year were elected:

Returning officers

President: Kristen Kesse (c/o 2007)
Vice President: Emily Martini (c/o 2007)
Treasurer: Nicole Reinert (c/o 2007)

New Officers

Secretary: Nicole Jones (c/o 2008)
Events Coordinator: Rachel Marker (c/o 2008)
Webmaster: Rob Shields (c/o 2007)
E-Week Chair: Stephanie Lee (c/o 2006)
Banquet Co-Chairs: Emily Hamburg and Colleen Pater (c/o 2008)

As you can tell, we are a young group!

One member who has made a world of difference in our group this year has been our Graduate Advisor - Rhonda Myers. She has provided a ton of support for us even through our daily mumblings of "Help me, Rhonda" (a little "Beach Boys" humor). We could not have been so successful this year without her.

Due to all of our successes, we were elected as Student Group of the Year at the University of Cincinnati.

We plan to continue to increase our membership next year and keep our section motivated to be active. We would also like to increase awareness of SWE at our campus next year.

We would like to thank everyone this year for motivating our section through their support.

By: Kristen E. Kesse - President
University of Cincinnati

Girl Scout Day at Miami University!

Every year Miami University's SWE section organizes what we call "Girl Scout Day." It is a day where approximately 200 girl scouts and their troop leaders from the Cincinnati area are able to join us at our campus in Oxford, Ohio to explore Math, Science, Technology and Engineering. This year the event was held on Saturday, March 27, 2004.



Opening

The day begins bright and early for all of our members and volunteers; some of which are not too enthused about waking up early on a Saturday morning... However, at the end of the day, we all realize how rewarding the program is for us as well as for all of the girl scouts!

The day gives us the opportunity to share some of our knowledge and interests with younger girls, and grants them the chance to perhaps seek a deeper interest in the fields of Math, Science and Engineering. In order to do this, our section along with many volunteers organized several workshops and set up booths with different activities.



Making

This year, we set up workshops which among others included paper making and chocolate mold casting. For the booths, we also sought help from other

organizations on campus including the Societies of Paper Science students, Manufacturing students, Math Education students, and many others. We were also glad to have the participation of a service fraternity, Engineering students from our department, and the help from the SWE professional section. With the collaboration of all these societies, we were able to offer the girl scouts a Saturday full of fun activities ranging from making no-bake cookies (or "Asphalt Cookies," as we'd like to call them), to making Gak, to inspecting M&M's, to discovering the advantages of inclined planes, to playing with real robots, among many, many others.



Robots

Throughout the day, the girls were able to hop from one booth to another and learn hands-on about what we, as future engineers, are most interested in; the sciences, mathematics, technology, and engineering. By the end of the day, the girls expressed how much they had learned and how some will now consider a future career in engineering.

The efforts of many student chapters of engineering organizations were coordinated by the SWE Leadership Team of Jennifer Anderson, Meghan Kelly, Sarah Schilling, Ana Correa, Sarah Crush, Kristen Sylvester, Alicia Morris, Andrea VanHouten and Lindsay Barker.

Girl Scout Day is a gratifying experience that reaches out to those young members of our community and also brings great joy to the SWE section of Miami University. We are certain that this activity will continue for years to come and will serve as an opportunity for us to motivate other girls to seek professions such as ours!

By: Ana M. Correa – President
Miami University

OU SWE Alumni Connections

Before last year, the Ohio University SWE Section had no connections or listings of who had been involved in SWE in previous years. To begin to end this problem, the section began what is called "Alumni Connections." Alumni Connections is a database of SWE alumni and friends. The database has created a networking forum for both the current SWE members and the alumni.

The Alumni Connections is much more than being a name on a database. Each quarter, the members receive an electronic newsletter from the OU SWE Section. The newsletter includes updates from what is going on with the student section and at least one story about an alumna. The eventual goal of the Alumni Connections is to have enough members to hold a SWE Alumni reunion on campus.

In the first year, the goal was to enroll the graduating seniors and to attempt to contact previous members off of an old roster. Fourteen Alumni Connection members were originally enrolled. Currently, OU SWE is in the process of recruiting this year's graduating seniors.

The latest copy of the Alumni Connections Newsletter is available at the OU SWE website, <http://www.ent.ohiou.edu/~swe/>. Also on that site is a form available for anyone who would like to join the Alumni Connections network.

By: Elizabeth Cellar – President
Ohio University

OSU Spring Activities

To celebrate spring OSU SWE sponsored a trip to the Columbus Zoo. We were really lucky because on the morning we went a baby monkey was born! And lucky for us he was out with his mother for the public to see and he was so cute!



We also attended a Columbus Crew game, the professional outdoor soccer team for Columbus. We started the evening with a dinner at Don Pablo's Mexican restaurant and then it was off to Crew Stadium. It was an exciting game against Dallas. The game ended in a tie and was a lot of fun to watch.

We are also sponsoring a team for Race For the Cure, a street race here in Columbus to raise funds for breast cancer research. We have 11 girls and one guy on our team. The race will be held Saturday May 15th.

Also on Saturday on May 15th we are sponsoring an event for high schools girls called Junk Yard Battles. We bring in girls from local high schools and give them a brief physics lesson and then set them free to create their own catapults from junk. Once the catapults are built the girls test their catapults with water balloons in a friendly competition.

We would also like to take this time to announce our outstanding member: Bethany Frew. Bethany is a freshman here at OSU currently undecided engineering but leaning towards chemical or agricultural engineering. She has been very active this year and is helping chair and run Junk Yard Battles. Thanks for all your hard work Bethany!

By: Kendra Schimes – President
Ohio State University

Letter From the Editor

Thanks to everyone who has been submitting articles to me for the newsletter. It means so much when the sections take the time to get involved and share what they have been doing.

In the next issue the goal is of course to be bigger and better! My ultimate goal is to have every school in the region represented at least once during the next year.

With your help this is all possible. If you need anything please let me know. Any questions, comments, and articles can be sent to swe@cemr.wvu.edu. Thanks!

Bethany Wilson – Region G Editor
West Virginia University

Check Out the Websites!

To get all the sections more interactive a list of all section websites is being compiled. So far, I have gathered the following:

Carnegie Mellon University
www.cmu.edu/swe

Ohio State University
www.osu.edu/studnets/swe

Ohio University
<http://www.ent.ohiou.edu/~swe>

Penn State University
www.engr.psu.edu/swe

Stark State University
www.starkstate.edu/swe

University of Akron
www.engineering.uakron.edu/~swe

University of Cincinnati
www.swe.uc.edu

West Virginia University
www.cemr.wvu.edu/~swe

If your school is not listed here, please send the link to swe@cemr.wvu.edu and it will be added to the next issue.

WVU Starts New 8th Grade Program

At WVU we decided younger students needed to get more familiar with engineering and what it actually is. Yearly, we held a “Girl Scout Day”, but we wanted something more. So, we began “8th Grade Engineering Day.” Students in junior highs across our region were invited to participate in a day of fun and learning. Total there were six counties and thirteen schools in attendance. We had many hands on activities and demonstrations for them to do. For our first year, it was a huge success and we can’t wait to do it again next year!

By: Bethany Wilson – President
West Virginia University

Student Section Leadership Training

Are you planning a new/old officer retreat? Ready to begin your strategic and tactical planning for the 2004-2005 school year? Do you want to win the next Outstanding Student Section Award? If the answer to any of these questions is “yes”, then you can benefit from Student Section Leadership Training. Leadership training is a FREE SWE program that provides assistance to student sections to ensure continued vitality and growth within the sections. The purpose of the training is to provide leadership and management training for all students. The training is focused on the skills necessary to have a vital and productive student section – recruitment and retention, managing section finances, obtaining corporate sponsorship, strategic and tactical planning, holding effective meetings, etc. For a full listing of the areas that are covered, visit the Student Section Vitality Website at <http://www.societyofwomenengineers.org/studentsectionvitality/>. Training modules will not be made available to students on the website – the only way to get access to this valuable training is to invite your Region G Leadership Coach to visit your school!

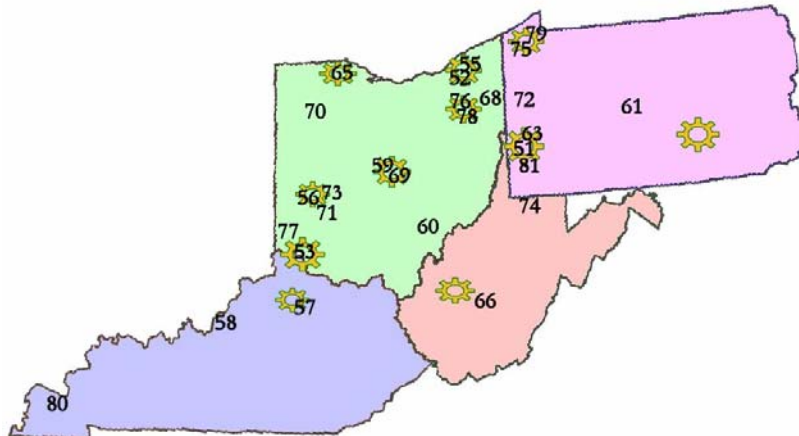
All student sections – small, medium, and large – can benefit from this FREE service. If you are interested in having the Region G Leadership Coach, Michelle Bryant, come to your school, please send an email to Bryant.193@osu.edu or call 614-406-6978.

By: Michelle Bryant - Region G Leadership Coach
Ohio State University



At WVU this spring, middle school students do activities during “8th Grade Engineering Day.”

Notes From Rachel (Region G Student Coordinator)



Map of Region G
(estimated locations)

After reviewing the map and the location of the professional sections I have decided to try something a little different this year. Rather than teams lets try groups. This way we can base each group on the location of the professional sections you would fall under.

Here are your groups:

Group 1:

Professional Section – G001 (Central Ohio/Columbus)

Student Sections – G059, G069, G060, G070, G065

** If Toledo starts a professional section G070 and G065 will be covered by Toledo. **

Group 2:

Professional Section – G002 (Kentuckiana/Louisville)

Student Sections – 58 and 80

Group 3:

Professional Section – G003 (Northeastern Ohio/Cleveland)

Student Sections – G055, G052, G075, G079, G076, G078, G068

** If Akron starts a professional section G076, G078, and G068 will be covered by Akron. **

Group 4:

Professional Section – G004 (Pittsburgh)

Student Sections – G063, G051, G081, G061, G074, G072

Group 5:

Professional Section – G005 (Southern Ohio/Cincinnati-Dayton)

Student Sections – G077, G053, G056, G073, G071

Group 6:

Professional Section – G006 (Bluegrass/Lexington)

Student Sections – G057, G066

Group 7:

Professional Section – G007 (Kentuckiana/Louisville)

Student Sections – G058, G080

I will be sending out contact information as soon as I can get all of my records updated and compiled – it will be sent to both the professional sections and student sections. Please utilize the attached map to see what schools are closest to you and try to team up to plan activities, hold fundraising events, share ideas, etc.

Region G Student Coordinator

Are you graduating? Know someone in your section that's graduating? If you or a member of your section is graduating, will be staying in Region G, and has SWE Leadership, please let me know! I am currently trying to prepare to take on new roles in SWE the next couple of years, but won't be able to move on as long as I'm the RSC. This is a big responsibility that can't be abandoned. Most of you are aware of what the position would entail, but for those of you who don't here's a brief description:

The RSC serves on the Student Activities Committee (SAC). S/He participates in monthly/bi-monthly conference calls, attends conferences, helps run student meetings at conferences, collects reports and awards, helps judge competitions, assist RSR and Newsletter Editor to disseminate information from HQ to the student sections. The RSC also helps to find counselors for student sections, and helps student sections to remain in good standing with SWE. If anyone has more specific questions please contact me. I am looking to have this role filled by new shoes when the fiscal year begins on July 1st.

Fundraising

Due to popular demand I am going to add to the responsibility of the RSC for Region G to assist in raising funds for the region for sole use by the RSC, RSR, Newsletter Editor, and Student Sections. Here's how we'll do it. I need every student section who wants to help to send me at least one if not two corporate contacts that you have. From there I will compile a database with company names and contact information. I will work with the RSR and RSN to develop a standard letter. I will then need Student Sections who can afford paper and stamps to volunteer to print and mail letters. In a few months I will need a few sections to volunteer to follow up with e-mails, and a few

months after that we'll need to follow up with phone calls. I also need sections to submit other ideas on fundraising events we could have or items we could sell on behalf of the Region. For example, if student sections that have SWE logo items could donate 1 or 2 items to the Region we could put them up for sale on our website and put the proceeds into the Region account for the students. Maybe at the next Region G conference you all could come up with a big fundraising event to have there? These are just ideas I'm tossing out there to help get you all thinking. PLEASE – contact me ASAP if your section is interested in helping out and how your section would be able to help. Priority for money from the Region Student funds will go to student sections that have helped to raise the funds. Once we get enough funds coming in to start using them I will put together a special request form for the student sections to use to request these funds.

Deadlines

Don't forget there are a lot of deadlines quickly approaching! Please go to:

<http://www.societyofwomenengineers.org/SWE/StudentServices/SAC/> for all the latest deadlines and the updated Student Section Manual and updated forms. (Note – everything has been updated as of Jan.2004!)

Notably: OSS is due May 31th and Financial and Annual Reports are due June 30th.

IF YOU WANT YOUR REBATE CHECKS YOU BETTER GET YOUR FINANCIAL AND ANNUAL REPORTS TURNED IN – THIS YEAR 9 CHECKS ARE STILL BEING WITHHELD DUE TO NON-COMPLIANCE BY STUDENT SECTIONS. * YOUR PRESIDENT AND TREASURER MUST ALSO BE PAID MEMBERS FOR YOU TO RECEIVE YOUR REBATE! *

That's all the news and updates I have right now.

Have a great summer!

By: Rachel Lewis
Region G RSC

