



SWE Philadelphia Newsletter

Presidential Letter

The Philadelphia Section has been very busy over the past few months. The October member's meeting gave our members information on how city and state planning officials prepare for the snowy winters in Pennsylvania. New de-icing techniques using calcium chloride and other chemicals were discussed. Some of our members attended the Region E Leadership Workshops at Penn Towers, while others attended Drexel's Women in Engineering Symposium. A few of our members participated in determining the Engineer of the Year.

SWE-Philadelphia's December Scholarship Banquet is fast approaching. The Scholarship committee is making their final decision before the banquet. Join us in recognizing this year's recipients, Please call Lucia Chann with your reservation before December 9th.

Have you paid your dues? If not you will be dropped from the SWE roster and the SWE Philadelphia Newsletter as of the next Newsletter. Avoid reinstatement costs and mail in you dues today. We have 22 unpaid members as of October 31st. If you do not remember if you are paid up contact Barbara Faust.

The executive council will take a short recess in December. Our next council meeting will be 6 p.m., Tuesday, January 7th at the Bay Colony Office Plaza on Swedesford Road, Devon. At this meeting, we plan to discuss the activities for February through June. All members are welcome to attend and share their thoughts and ideas with us.

In February, we will be celebrating Engineer's Week. SWE Philadelphia's does not have a members meeting in February due to the many activities associated with Engineer's Week. This year Engineer's Week will be between February 17th and 21st. It is typically held during the week honoring President Washington's birthday, since Washington was the first engineer of the United States. The Future City's Competition held that week will need volunteers for judging. There will be two Banquets honoring the Delaware Valley Engineer of the Year and the Delaware Engineer of the Year. Check our calendar for dates and times.

Enjoy the holidays! Hope to see you at the Scholarship Banquet and again in January.

Vicki Land

SWE CALENDAR

DECEMBER	
11	6:00 p.m. "SCHOLARSHIP BANQUET", DUPONT COUNTRY CLUB MOUNTCHANIN ROOM 2 ND FLOOR; BUFFET MENU, COST \$25.00 MEMBERS, \$10.00 STUDENTS
12	NEWSLETTER DEADLINE
31	UNPAID MEMBERS DROPPED
JANUARY	
7	EXECUTIVE COUNCIL MEETING (SEE PRESIDENTIAL LETTER)
15	6:00 p.m. JANUARY DINNER MEETING "ENGINEERING PATENT LAWYERS", GSB BUILDING, WILLIAMSON'S, PHILADELPHIA
19	AWIS - PHL MENTORING - PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE SEE ARTICLE THIS ISSUE
FEBRUARY	
17 - 20	ENGINEERS WEEK
25	K'NEX TOUR
MARCH	
19	6:00 p.m. SAM ADAMS BREWERY TOUR WITH AICHe

APRIL	
7	DELAWARE VALLEY SCIENCE FAIR
25 - 27	REGION E CONFERENCE, ROCHESTER NY
4/?	"CRAYOLA, BEHIND THE SCENES" TOUR, HOSTED BY LEHIGH VALLEY SECTION
MAY	
4/30 - 5/2	SWE BOARD OF DIRECTORS MEETING, PHILADELPHIA

INSIDE	
2	Welcome New Members!
3	Scholarship Banquet! December 11
4	Employment Opportunities
6	Imagine...Region E Conference
8	Patent Lawyers -January Meeting



Welcome New Members!

- * Jenny Canepa - Boothyn, Pa.
- * Mary Gleason - Newark, De.
- * Monica Holtzmuller - Aston, Pa.

Are you a graduate from Swarthmore or Temple?

These two student sections need a SWE Counselor. This person should be a SWE Philadelphia member who would act as a liaison between the member section and the students. If you are interested please contact Jennifer Wetzel our Student Liaison Chair. Jennifer will refer you to the student section Presidents of Swarthmore and Temple.

FYI - To obtain a SWE alias, send an e-mail to: swemail-owner@swe.org. You will give your actual, long address, and receive a nice short alias such as Frann.Shore@swe.org. This service is free to all SWE members with an e-mail account.

High School Students Ask: "What Does and Engineer Do All Day?"

Several female students from Interboro High School (near Prospect Park) have expressed an interest in engineering to their guidance counselor, Bea Biester. Ms. Biester would like to know if any SWE members would be available for a student to visit the engineer on her job. She said the three senior girls are very motivated and qualified. If you can help please call Barbara Zubenko at 302 234-2050 or Bea Biester at 610 237- 6410.

Make a Difference in January -- Another Kind of Mentoring

If you can spend one Saturday morning on a team interviewing high school science students, you may be helping to tilt the balance of female and male winners of the annual Delaware Valley Science Council (DVSC) awards. Each year, AWIS-PHL funds an award to an outstanding female high school student in the local area. This award is one of fifty administered by DVSC. Applicants must pass two science exams in October, and each student who passes the first hurdle is interviewed in January by two teams of career scientists. Although equal numbers of male and female students begin the screening process each year the percentage of female winners is usually around 10%. By participating in the interviewing process AWIS- PHL hopes to increase the number of female winners. There are many potential sources of gender bias in this competition, but AWIS- PHL may have an impact upon one of them by providing women scientists as interviewers. Interviews are the morning of Jan. 19, 1997 at the Philadelphia College of Pharmacy and Science, readily accessible from major arteries in the area. Don't worry -- the interviews will be postponed in the event of snow. Thirty to forty interviewers are needed -- AWIS - PHL would like to contribute ten or more. Please set aside Jan. 19th for this worthy effort.

AWIS has stated that SWE assistance would be welcome.

Contact Edyth Malin to volunteer and get further details at: emalin@arserrc.gov (email), 215 233-6444 (work) or 610 688-4630 (home).

Need a Holiday gift idea? SWE Cooler Packs are available for \$10.00, as well as SWE business card holders for \$12.50 - Contact Vicki Land

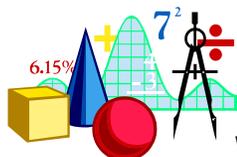


1997 REGION E CONFERENCE ROCHESTER NY APRIL 25 - 27

At this conference we will have a follow-up discussion about Region E's mission statement and goals for the Region. Region E is comprised of 25% of all SWE members, making us the largest region in SWE.



**THIS NEWSLETTER'S POSTAGE
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Women in Engineering; Drexel Women Engineers - past...present...future

On November 15th Drexel was the site of a Celebration Luncheon, Women in Engineering Symposium, and Networking Reception. There was an impressive agenda. In addition to the Keynote Speaker, Anne Stevens '80, speaking about "*Nine Key Strategies for Fitting in and Getting Ahead*", speakers were: Pat Eng, Technical Assistant to the Director of Spent Fuel Project of the Nuclear Regulatory Commission, Deborah P. Evans, Program Manager Mercedes-Benz D2B Program, Motorola, Inc.; Dr. Elsa Garmire, Dean, Thayer School of Engineering, Dartmouth College; Deborah Grubbe, Professional Engineer, Director of Engineering, DuPont; and Amy

Slaton, Assistant Professor Department of History and Politics, Drexel University. All the speakers shared their insights, strategies and experiences in engineering.

We wish to thank the coordinators of this event and the participants for making this an educational and inspiring experience.

1996 SWE LEADERSHIP WORKSHOPS AND REGION COUNCIL MEETING

Held in Conjunction with the 1996 Region E Student Conference

**November 9 and 10 Penn Towers Hotel
Philadelphia, Pa.**

This set of activities turned out to be as advertised. Our congratulations to all the people who made it happen.

Twenty-five members of Region E attended the workshops. Alma Martinez held an interactive workshop that tried to develop the Region's mission statement, goals and objectives. Follow-up discussions will continue and the statement will be finalized at the April Rochester Region E Conference.

Another topic of discussion was the benefits of being a SWE member and how to encourage other women to join SWE.

Scholarship Banquet

Don't forget - December 11th at the DuPont Country Club, Mouchanin Room, on the second floor at 6p.m., \$25.00 Member and \$10.00 Students - call Lucia Chan at (215) 580 - 7188. Selection of winners is underway! With our Scholarship Fund continuing to grow there should be much to celebrate!



We Want Your Add -

Business Card or 3 X 5 is \$35.00 Full Page
or 8 X 10 is \$125.00

Half Page or 8 X 5 is \$70.00

Material should either be camera ready or PC ready

Contact Maggie Schwartz (Newsletter Editor)

Employment Opportunities

SWE Resume Database - SWE offers this service free to members. You may submit a resume (Janet Anderson has the forms) which will be combined with other SWE members and offered to those looking for people with technical / engineering backgrounds, You may elect to block your resume from your own company.

Recruiter - Seeking Sr. Manager for Strategic Operations (consulting firm in Northeast seeking person to analyze and recommend solutions to highly complex business issues with P&L impact) 3 to 10 yrs. post-MBA exp., 100-150K plus bonus. Manager/Director of Strategic Planning & Mergers (identify global business opportunities, recommend solutions to complex issues) MBA, 2-5 yrs. consulting, 75-100K plus bonus. MBA must be from "top" MBA school. FAX Jennifer Martin, Latham International (Scottsdale, AZ) @ 602 905 0200.

Accepting Resumes

Karen Rodebaugh of Management Recruiters of Lancaster will accept unsolicited resumes. Contact her at 717 397-6444 (fax 717 37 6662)

Recruiter - Staffing a projects group, looking for MEs for Project Leadership, 5 -10+ yrs. exp. Midwest. Exp. 10+yrs ME/EE W advanced degree, Philly or upstate NY. Application Engineer for prod/mfg. of printed circuit board for graphics arts division, 50K Contact Dave Mainwaring at 508 473 6955

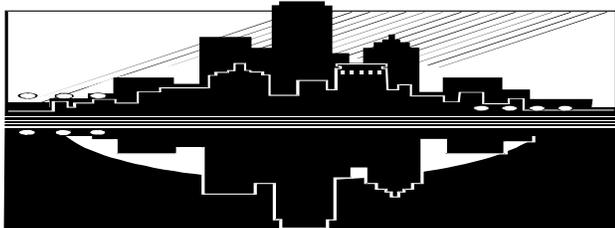
**Manager, Environmental Programs
(Job Share)**

SmithKline /Beecham, an international innovator in pharmaceuticals and consumer healthcare products, is now seeking a Manager, Environmental Programs to join our Corporate Environmental Services Group in a job share position (21 hours per week).

In this highly visible position, you will manage programs driven by state, federal and international regulations, as well as corporate standards. Responsibilities will include developing performance assessments, developing guidance materials designing/delivering training programs, representing SmithKline /Beecham's interests to the regulatory community, and communicating requirements to affected business sectors and facilities.

An Engineering or related degree is expected of all candidates, as is at least eight years of proven experience in environmental compliance/engineering. Experience must include familiarity with a variety of environmental media (i.e. air, hazardous waste, SARA), strong knowledge of federal/state regulations, and proven ability to communicate effectively with all levels of internal personnel, Approximately 10 - 15% travel, some international, will be required, Knowledge of Word and Excel (or similar applications) is also a must.

SmithKline /Beecham offers a highly competitive compensation package as well as a stimulating work environment. For confidential consideration, please send resume and salary requirements to: SmithKline /Beecham, Central Employment, Job Code 0088TB96, 200 North 16th Street, Philadelphia, PA 19101. We are an equal opportunity employer, M/F/D/V.



Designing Our Future Cities

Last year, the Delaware Valley Engineers Week Council, in conjunction with PECO Energy sponsored the first annual Philadelphia Future City Competition. We were one of only seven cities in the country selected to run the competition for 7th and 8th grade students. This program matches practicing engineers with students and teachers from middle schools in the Delaware Valley to:

- Design a city of the future using the SimCity computer program
- Write a 500 word essay about one aspect of their city
- build a model of a portion of their city with at least one moving part
- Deliver a seven minute presentation on the features of their city to teams of judges at the regional competition
- Answer questions posed by the judges about the development of their city

In January 1996, seventeen teams participated in the all day competition at the Franklin Institute. The Philadelphia regional winner John Carusi Middle School of Cherry Hill, NJ went on to win second place at the National Competition in Washington DC.

This year we anticipate more schools to enter the regional competition, so engineers are needed to:

- Mentor a Future Cities Team
- Assist in organizing and running the competition
- Help raise funds for the competition
- Participate in the development and dissemination of publicity information

This is an opportunity to be part of an exciting and rewarding Engineers Week activity. Every one who participated last year thoroughly enjoyed themselves.

For more information contact:

John E. Kampmeyer, PE
Regional Coordinator
Maida Engineering, Inc.
710 East Third Street
Essington, Pa. 19029

Phone: 610 521-5850
Fax: 610 521 5893

AN INVITATION TO PUBLISH

The Engineers' Club of Philadelphia has extended an invitation to publish in their newsletter "The Bulletin". Articles and items related to engineering and technology, anecdotal and serious, historical and current are all welcome.

Memorabilia of the Engineers' Club past is sought. Even a single photograph with your caption can be an issue's focus point.

Send your article to Editor, Walter Neal at the Engineers Club (Philadelphia).

Gender Bias in the Classroom Joint AWIS Meeting

Many thanks to Michelle Glickstein for her eye opening presentation concerning Gender Bias.

Michelle pointed out how students can be unintentionally subjected to gender bias by their instructors and role models. She cited many studies and examples which show that Gender Bias is far from extinct in today's world and challenged the audience to consider tomorrow. The Gender Communications Quiz (to help men and woman understand each others communication patterns) was completed and discussed.

We're waiting for part 2!
Thanks, again.



Mark your calendar for January 15 at 6:00 p.m.



JANUARY DINNER MEETING

“ENGINEERING PATENT LAWYERS”,

WILLIAMSON’S, GSB BUILDING, CITY LINE AVE. , PHILADELPHIA

RSVP Lucia Chann at 215 580 3666 for menu choices and reservations.

SWE Philadelphia Section

C/O Engineers Club

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