

More About SWE.....

The national SWE organization is composed of women and men interested in the advancement of women in engineering. SWE has an international membership that numbers over 17,000, with about 90 local and 300 collegiate sections. SWE also has Corporate memberships for organizations that employ engineers and are interested in supporting the goals of the Society.

SWE-Philadelphia is part of the Mid-Atlantic Region, which encompasses the geographic area included in the western half of New York state, eastern Pennsylvania, and all of New Jersey, Delaware, Maryland, and Virginia. The Philadelphia Section includes all of southeastern Pennsylvania east of the Susquehanna River. Because several of our members work and/or live in neighboring areas in the Lehigh Valley, southern New Jersey, Delaware, and Maryland, the sphere of influence for the section greatly exceeds our geographic boundaries.

SWE-Philadelphia Section has over 100 members that represent the broad technical diversity in the area. Our members include: local college students not affiliated with a SWE student section; recent graduates; full-time, part-time, unemployed, and retired engineers; SWE Achievement Award winners; employees of small companies and Fortune 500 companies; government employees; business owners and corporate executives; educators; and people with Associate, Bachelors, Masters, and PhD degrees in a range of technical and business disciplines.

For more information about the national SWE organization and programs, contact

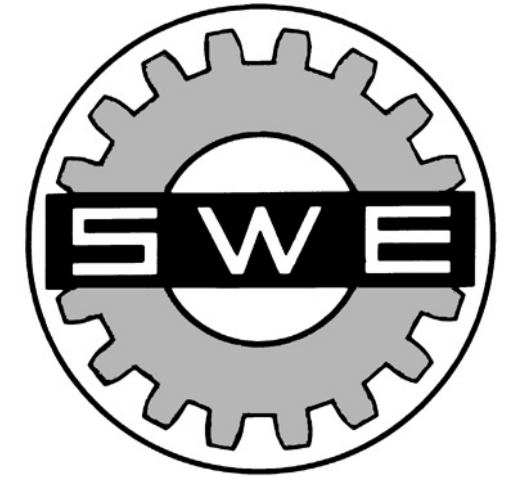
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Society of Women Engineers

Philadelphia Section 2006 - 2007



ASPIRE • ADVANCE • ACHIEVE

The Society of Women Engineers (SWE) is a not-for-profit educational and service organization that was founded in 1950. The Philadelphia Section is one of the charter sections of the national organization.

SWE is the driving force that establishes engineering as a highly desirable career aspiration for women. SWE empowers women to succeed and advance those aspirations and be recognized for their life-changing contributions and achievements as women engineers and leaders.

Web Site: <http://www.philaswe.org>

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SWE-Philadelphia Programs FY06 Highlights

Over 40% of our members participated in one or more activities at the local, regional and/or national level during the past fiscal year. The SWE programs and events provided many opportunities for members to develop their leadership and professional skills.

Meetings

Regular section meetings during FY06 included networking meetings to provide opportunities for members and guests to learn more about SWE, the Philadelphia Section, and each other; dinner meetings with a speaker; a joint dinner meeting with another professional society; and planning meetings for the 2006 SWE Mid Atlantic Region Conference hosted jointly by the Philadelphia and the Drexel University Collegiate Sections.

Section members served on the Region and National Bylaws Committees. Several members represented the Section at the SWE National Conference held in November 2005 at Anaheim, CA. Over 25% of our members participated in the Region Conference in Philadelphia.

Student Outreach Programs

On-going efforts to encourage girls to study math and science courses in middle and high school and young women to pursue advanced study in scientific and technical fields included:

- Providing a Special Award for the city that best incorporates "Quality of Life" design features in the **Philadelphia Regional Future City Competition** held at Villanova University in January 2006; we also served as administrative coordinators and judges for the teams of 7th and 8th graders from 36 schools that participated in the competition.

- Providing hands-on engineering workshops at the **AAUW Touch the Future Program** held at Pennndale Middle School in March 2006.

Student Outreach Programs, continued

- Conducting our seventh annual joint Widener-SWE **Engineering Mini-Camp** for high school girls and their parents. We had the largest turnout ever when 105 girls and 75 parents showed up in spite of threatening weather for this event held at Widener University on February 11, 2006. Each girl could experience four of 15 different hands-on workshops while the parents attended sessions on what to expect should their daughter decide to study engineering. SWE members from the Philadelphia, DeIMar Peninsula, and Widener Collegiate Sections led the workshops and discussed their engineering experience with the girls and their parents.

- Participating in the national SWE **Certificate of Merit Program** to recognize high school girls who have demonstrated three years of excellence in their math and science courses and who are active in their school, church, or community. In FY06, we awarded personalized certificates to 212 girls from 74 secondary schools within our geographic area.

- Serving as **Science Fair** judges and providing SWE-Special Awards for the local Bucks County and regional Delaware Valley Science Fairs (DVSF) competitions for 6th through 12th grade students. The SWE awards are provided for the best engineering or engineering-related projects by girls in each grade level

- Serving on the **Container Design Project** Review Board to evaluate product designs developed by teams of calculus students at Archbishop Ryan High School (May 2006).

- Serving as **SWE Counselors** for local SWE Collegiate Sections and subsidizing student dinner costs for Philadelphia Section meetings. The SWE Collegiate Sections in our geographical area are:

- | | |
|---------------------------------------|------------------|
| - DeVry University of Fort Washington | Open |
| - Drexel University | Diana Fernie |
| - Swarthmore College | Jennifer Garner |
| - Temple University | Aina Zahari |
| - Villanova University | Alisha Trocciola |
| - University of Pennsylvania | Alexis Wallen |
| - Widener University | MaryAnn Skeehan |

Student Outreach Programs, continued

- Providing **Scholarship Awards** of \$1000 each to full-time college students currently enrolled in engineering or computer science programs at schools within our area. In FY06, corporate and member sponsors funded four scholarship awards.

Other Programs

We co-hosted the **2006 SWE Mid-Atlantic Region (Region E) Conference** with the SWE-Drexel University Collegiate Section. This event, which was held in Philadelphia on March 31 to April 2, 2006 at Drexel and the Sheraton University City Hotel, included workshops and panel discussions on career preparation, professional development, personal growth, and SWE Section best practices. Participants included over 220 professional and student registrants representing at least eight professional and 24 collegiate sections in the region, 22 Corporate and University Sponsors for the career fair and exhibits, and several local high school girls who attended workshops provided by the national SWE organization as part of the Develop, Design, Discover: Women Innovating with Technology (3D WIT) Program.

The Section maintained a **Job Bank** to announce employment opportunities available to members.

We raised over \$1200 for the October 2005 **Making Strides Against Breast Cancer Walk**.

We maintained an updated web site and published *SWE Outlook*, the Philadelphia Section newsletter.

FY07 Programs

Activities planned for FY07 include: networking events; dinner meetings with a speaker; joint meetings with other organizations; a technical tour; on-going programs and community events; and a new initiative to participate in an area alliance of professional organizations, universities and community colleges to consolidate some of our individual career development programs to provide sustained guidance for students from grade school through college.