



SWE Outlook

December 2002 - February 2003

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We will gladly include news items and activities from SWE Student Sections and nearby SWE Sections in *SWE Outlook*. Announcements for other organizations will be included as time and space permit. Please send inputs to Barbara.Faust@swe.org. Deadline for the next issue is Feb. 28, 2003.

Mini-Camp for High School Girls

Our fourth annual hands-on workshop program for high school girls and companion program for their parents will be held on Saturday, February 15th at Widener University in Chester. See page 3 for more details.

2003 Delaware Valley Engineers' Week Activities

Friday, February 14: **Proclamation Luncheon**

- Engineering Achievement Awards, Engineer of the Year
Union League, 140 South Broad Street, Philadelphia
Reception: 11:30 am; Lunch: 12:00 noon
Cost: \$30
Contact: Dick Mulford at the Engineers' Club
215-985-5701 or info@engrclub.org

Wednesday, February 19: **Young Engineer of the Year Dinner**

- Our own Jen Wetzel will receive a Finalist Award
Williamson's Restaurant, Belmont & City Avenues, Bala Cynwyd
Reception: 5:30 pm; Dinner: 6:15 pm
Cost: \$35
Contact: Dick Mulford at the Engineers' Club (see info above)

Wednesday, February 19: **Science and Math Teachers' Workshop**

- University of Pennsylvania
For more information, contact Kendall Barbee at 215-573-8369 or [kreb93@seas.upenn.edu](mailto:krb93@seas.upenn.edu).

Saturday, February 22: **Engineers Week Banquet**

- Recognize Engineer of the Year, Outstanding Engineering Achievements, Young Engineer of the Year, Outstanding Math and Science Teachers, Undergraduate Student Papers, Outstanding High School Students, Future City Competition Winners
The Inn at Penn, 3601 Walnut Street, Philadelphia
Reception: 6:00 pm, Regent St. Mark's Room
Dinner: 7:00 pm, Woodlands Room
Cost: \$50
Contact: Dick Mulford at the Engineers' Club (see info above)

Monday, February 24: **Seminar: "Critical Issues Facing Young Engineers"**

- 5:30 pm to 8:00 pm at Drexel University Living Arts Lounge
Contact: Carol Martsolf at 215-209-1235 or martsolf@pbworld.com

National Engineers Week February 16-22, 2003

This year, National Engineers Week is chaired by Lockheed Martin and the American Society of Heating, Refrigerating, and Air-Conditioning Engineers. Check out information for the **ZOOM into Engineering** and **Introduce a Girl to Engineering Day** programs <http://www.eweek.org> and for the *Future City Competition* on <http://www.futurecity.org>.

February Events

SWE-Widener Engineering

SWE Calendar - FY03

Date		Event	Location
Feb	14-22	Engineers' Week Activities	Various
	14	Proclamation Luncheon	Union League, Philadelphia
	15	SWE-Widener Engineering Mini-Camp	Widener University
	19	Young Engineer of the Year Award Dinner	Williamson's, Bala Cynwyd
	22	Display of Future City Models and Drexel U. K'Nex Bridges	Granite Run Mall, Media
	22	Engineers Week Banquet	The Inn at Penn, Philadelphia
	24	Seminar: Critical Issues Facing Young Engineers	Drexel Living Arts Lounge
Mar	6	New Castle County Science Expo	DelTech Stanton Campus
	22	Lehigh Valley Science Fair	Lehigh University
	26	Professional Development Seminar: Powertools for Women	Widener University
	28	AAUW Touch the Future: A Celebration of Women in Math & Sci	Pennfield MS, Hatfield
	28-30	Mid Atlantic Region (E) Meeting	Hampton, VA
Apr		Section Awards Banquet	TBD
May		Technical Tour	TBD
June		Sub-Section Meetings	Various
Oct	9-11	SWE National Conference	Birmingham, AL

Announcements

- For information on national **Engineers Week activities**, visit www.eweek.org and www.futurecity.org.
- **ISA Philadelphia Section** meeting on Wednesday, February 19 at Siemens Offices, 1015 Virginia Drive, Fort Washington, PA. Social at 6:00 pm; Presentation by G. Raymond Peacock, President of Temperatures.com, on "What's New in IR Thermometry and Imaging" at 7:00 pm; Cost: \$10 per person. For reservations, contact Lynn Swan of Advanced Controls at 215-674-4777 or acelafpl@aol.com
- **PSPE Delaware County Chapter** meeting on Thursday, February 20 at the Towne House Restaurant, Baltimore Pike and Veterans Square, Media, PA. Social at 6:00 pm; Dinner at 7:00 pm; Presentation of Engineer of the Year Award to Pasquale A. Dougherty, P.E. of Urban Engineers, Inc. at 8:00 pm. For reservations, contact Terry Messina at 215-922-8081, Ext. 1131 by February 14th.
- **ASPE Philadelphia Chapter #61** Spring Estimating Seminar on Friday, February 28 and Saturday, March 1 from 9:00 am to 4:00 pm at the Montgomery County Fire Academy, 1175 Conshohocken Road, Conshohocken, PA. For seminar fees and other information, contact Kelly Sigman at 610-497-4450.
- The national **SWE on-line directory** has been updated. Your member ID and password will allow you access to the directory. In conjunction with the update, **all members have been issued a randomly-generated new ID**. Your new ID number is on the dues bill and member update form sent to you from headquarters. If you've misplaced or forgotten your password (or don't know your new member ID), please e-mail the member services center at hq@swe.org.
- **Changes** have been made to the **SWE membership application form**. Visit <http://www.swe.org> to download the updated form to be used for new member application or to request a membership upgrade.
- **FORWARD TO Professorship Workshop** - Focus on Reaching Women for Academics, Research and Development (FORWARD) in Science, Engineering and Mathematics is a joint program of the George Washington and Gallaudet Universities funded by a National Science Foundation ADVANCE leadership award. This workshop is provided for women and minorities who may be considering, or are currently in, a tenure track position in science, engineering or mathematics. The 2 1/2 day workshop to be held May 20 to 22 in Washington, DC will focus on skills, strategies and "insider information" necessary to obtain a tenure-track position, to succeed in one and advance to other positions of leadership. This workshop is also an opportunity to network and meet peers. Visit www.seas.gwu.edu/~forward/advance for details.
- Judges are needed for **PA Junior Academy of Sciences** Region III Competition on Saturday, February 22 at Easton Area High School. For more information, contact Kathy Kinsey, SWE Lehigh Valley, at pakinsey@cs.com.

Section News

SWE-Widener Engineering Mini-Camp

Saturday, February 15, 2003 at Widener University, Chester, PA

by Vicki Brown

Our fourth annual SWE-Widener Engineering Mini-Camp for high school girls will be held from 9 am to 4 pm on Saturday, February 15th at Widener University. The camp provides an opportunity for high school girls in the Philadelphia metropolitan area to experience engineering workshops in an all-female setting while their parents have the option of attending companion workshops on "Sending Your Daughter to Engineering School." This joint effort of the Philadelphia, DelMar Peninsula, and Widener Student Sections is hosted by Widener University's School of Engineering and staffed by SWE volunteers, Widener alumni and support staff from the Admissions, Financial Aid, and Freshmen Programs offices at the university.

Volunteers are needed for nine different laboratory activities for the girls and for the morning session of the Parents Program. If you're not available all day, you may volunteer for either the morning or the afternoon sessions.

As it seems to work best with two women in each activity, at least 20 volunteers are needed. Keep in mind that helping the girls complete the lab activity is only part of the objective. The idea is to talk with the girls about what you do as an engineer. If the lab you help with can be tied into your work, you can discuss what you do as an engineer in context with what the girls are doing in the lab activity. The lab doesn't have to be an exact match to your job, but there should be some connection. The morning session for parents needs volunteers to talk about engineering as a career choice. Your help is needed to ensure that we have another successful program this year. Please do what you can. If unable to participate in person, consider making a program donation to help defray some of the recurring costs like expendable lab supplies, student lunches, and postage. Contact Vicki Brown at Vickiprof@aol.com as soon as possible to let her know of your availability and which activity you would like.

Volunteer Opportunities for 2003 SWE-Widener Engineering Mini-Camp for High School Girls

- **Parents Program** - morning only. Talk to parents about your career for about 5 to 10 minutes and then take questions from the audience. Two women are needed, one a couple of years out of school, the other with about 10 years or so experience.
- **Roller Coaster** - Girls build roller coaster tracks with loops and curves out of pipe insulation. Marbles serve as the roller coaster cars. Needs two volunteers - best fits are mechanical engineers or civil engineers who design equipment, highway curves, etc.
- **Tower Building** - Girls build towers from drinking straws and tape, using play dough for foundations. Towers are load tested with eggs (it adds some excitement when the eggs break) for gravity load and a fan to provide wind loading. Needs two volunteers, best fits are civil engineers or others with structures or construction experience.
- **Water Treatment** - Girls clarify murky water using different chemical treatments. Needs two volunteers, civil, chemical, or environmental engineers are likely to be best fits.
- **Lego cars** - Girls build model cars from Lego parts and power them with small capacitors (if time permits, car races are held in the hallway). Needs two volunteers, best fits are probably mechanical or electrical engineering backgrounds.
- **Reaction Kinetics** - Girls study chemical reactions. Prof. Jerry Maffia of Widener will set up the experiments; needs one or two volunteers, preferably with chemical engineering experience.
- **Electric Circuits** - Prof. Yun Gong of Widener will set up this lab; needs one or two volunteers with electrical engineering experience.
- **Programmable Robots** - Girls use Lego Mindstorms software to program Lego robots to navigate a maze. Needs two or three volunteers, best fits are electrical, mechanical, computer, or software engineers.
- **Aerodynamics and Flight** - Girls make and fly paper airplanes of various shapes. Needs one or two volunteers with applicable mechanical, electrical, or aeronautical engineering experience.
- **Bridge Design Software** - This new lab activity for the camp uses a really neat software package called West Point Bridge Designer that is available from the US Military Academy. This graphical and very intuitive program allows the students to design and load-test their own highway bridge design. If they're interested, they can download the software at home and use it to compete for college scholarships. If you'd like to check it out, visit <http://bridgecontest.usma.edu>. This new activity needs two volunteers with experience in the structures, highways, or construction fields.

More Section News

January Meeting Cancelled

Due to scheduling and other conflicts, the professional development seminar originally scheduled to be held at Villanova University had to be postponed. A new date will be announced when it becomes available.

March Meeting - Professional Development Seminar at Widener

The SWE Student Section at Widener University has invited the Philadelphia and DelMar Peninsula Sections to hold a joint meeting on the Widener campus in West Chester on Wednesday, March 26, 2003. The meeting will include a workshop by Joni Daniels, who will give a presentation on "Powertools for Women," techniques for developing successful management skills. The workshop and a networking session will be held before dinner. More details will be provided in the next newsletter.

FYI: Susan Hougendoubler represented our Section to vote in the Delaware Valley Engineer of the Year Election. Susan Best also took part as a member of the Engineers Week Council.

Annual Scholarship and Engineering Mini-Camp Fund-Raising

by Susan Sciaratta, Fund Development Chair

Last year at our Annual Scholarship Awards Banquet on April 24, 2002, the Philadelphia Section was pleased to award scholarships in the amount of \$1000 each to *nine* university students, plus one scholarship to a high school senior, continuing an eight-year tradition of providing financial assistance to area women pursuing engineering or computer science as a course of study.

The Philadelphia Section scholarship program provides tuition assistance to deserving female applicants who are full-time college students in an engineering, engineering technology, or computer science program at schools located within the Section boundaries. The criteria for selection are science/math/engineering activities, teamwork, leadership, scholarship, and an essay on the student's personal motivations for pursuing engineering.

Funding for these scholarships is provided by corporate and Section member donations. Donors have the option of having their donation distributed at this time or placed in the Dorothy Hoffman Memorial Endowment Fund for future awards. All money donated for scholarships goes to the recipients; administrative costs

Touch the Future: A Celebration of Women in Math and Science

The eleventh annual Touch the Future (TTF) program sponsored by the American Association of University Women (AAUW) for middle school students will be held at Pennfield Middle School in Hatfield on Saturday, March 29, 2003. Each student has the opportunity to participate in up to five 30-minute workshops that represent a wide range of scientific and engineering activities. **Volunteer presenters are needed for the workshops** that will run from about 9:30 am to 2:00 pm. Workshop topics and activities are very flexible, but the activity should be carried out within a classroom, rather than laboratory, setting. Many of the SWE Career Guidance activities can be used. Our Engineering Mini-Camp activities such as Roller Coasters and Tower Building can readily be adapted for use with the middle school students. If you are willing to participate in the TTF Program, please contact Lee Wolfe, AAUW Touch the Future Workshop Chair (610-337-0274 or lee_wolfe@urscorp.com), or Barbara Faust, SWE-Philadelphia Career Guidance Chair (215-257-6463 or Barbara.Faust@swe.org).

are paid by the Section and all staff is volunteer. Named scholarship awards are made for donations of \$1,000 or multiples thereof.

Financial support is also solicited for our fourth annual SWE-Widener University Engineering Mini-Camp to be held on February 15, 2003. This one-day program provides an opportunity for approximately 100 high-school girls to interact with engineering professors, students and SWE members and to participate in hands-on engineering laboratories. In addition, many parents participate in the successful Parents Program that was introduced two years ago. The program has received accolades from the parents and students. Typically, 80-90% of the participants state an increased interest in engineering as a career option as a result of the Mini-Camp.

All donations are deductible under U.S. Internal Revenue Code Section 501(c)(3). A contribution form is included in this newsletter. If your company has a matching gifts program for which SWE is eligible, please include the appropriate form with your donation. Thank you for your consideration and support.

More Section News

Philadelphia Regional Future City Competition

by Jennifer Wetzel

The seventh Annual Philadelphia Regional Future City Competition, which is sponsored by the Delaware Valley Engineers Week Council, was held on January 25, 2003 at Widener University. This year, 41 schools signed up for the competition in which teams of 7th and 8th graders work with teachers and engineer mentors to:

- Design a city of the future using *Maxis SimCity 3000* software
- Build a working model of a portion of their city using recycled products
- Write an essay about city planning and design issues
- Verbally present their city to a panel of judges from the engineering, planning, and architectural communities.

This year the Philadelphia Region also conducted a pilot **Special Design Award** program sponsored by Bentley Systems. Schools that signed up for this program as a separate project had their students trained in the use of Bentley System's *Microstation* application.

SWE members participating in this year's Philadelphia Regional Future City Competition included Jen Wetzel (Volunteer Coordinator), Susan Best (Judging Coordinator), Maggie Schwartz (Essay Judge), Nicole Johnson (SWE Special Award Evaluation), and Laura King (Preliminary Judge) from the Philadelphia Section, Margaret Lyons (Mentor) from the NJ Section, and Drexel University Student Section members Diana Fernie, Michelle Fuller, Stephanie Hurd, Chong McLaren, Jennifer Vondran, and Shanna Pendleton who served as general volunteers. SWE-Philadelphia provides a Special Award for the project that best addresses quality of life features in the design of the city. This year's finalists and the SWE-Philadelphia Special Award winner are listed below. Historically, winners of the Philadelphia Regional Competition have done well when they advanced to the national level. For the complete list of registered schools and Competition results, visit www.futurecityphilly.org.

First Place:	Drexel Hill Middle School, Drexel Hill, PA
Second Place:	Our Lady Help of Christians School, Abington, PA
Third Place:	St John the Evangelist School, Morrisville, PA
Honorable Mention:	Strath Haven School, Wallingford, PA; Carl Sandberg Middle School, Levittown, PA; and Kutztown Area Middle School, Kutztown, PA.

SWE Philadelphia Section "Quality of Life" Special Award: Carl Sandburg Middle School

News for Students

Purdue NSF-REU Opportunity: The Department of Biomedical Engineering at Purdue University will be hiring 10 undergraduate students for the Summer of 2003 for the National Science Foundation-funded Research Experiences for Undergraduates (REU) program. Each student will receive \$3000 in salary, \$1000 towards airfare to and from the Purdue campus, \$1000 towards room, and \$1000 towards board for the 10 weeks of research. The students will work on biomedical engineering research projects of their choosing at Purdue University, and will also be involved in site visits to local hospitals and industries. In addition, students will participate in seminars and panel discussions focused on the ethical, clinical, industrial, and research aspects of Biomedical Engineering. Within this program, we aim to recruit a diverse group of the most highly qualified students in terms of gender, race, academic background, etc. Women, minorities, and students with non-traditional BME backgrounds are encouraged to apply. For more information and to apply, please visit: <http://www.ecn.purdue.edu/BME/REU/>. **Applications are due February 17, 2003.** Qualifications: Applicants must be US citizens or permanent residents, and must have completed at least 4 undergraduate semesters by the program start date. Contact Information: Karen M. Haberstroh, Phone: 765-494-2995, Fax: 765-494-1193, email: khaberst@ecn.purdue.edu

The **SWE MISSION** is to:

- stimulate women to achieve full potential in careers as engineers and leaders;
- expand the image of the engineering profession as a positive force in improving the quality of life; and
- demonstrate the value of diversity

Around the Region

Nominations Sought for Region Officers

from Michelle Tortolani, Region E Director

Each Region currently has four officers:

Region Director - 2 year term

Deputy Region Director - 1 year term

Treasurer - 1 year term

Secretary - 1 year term

The Region Director is elected as part of the national ballot. Deputy Director, treasurer, and secretary are elected at the region council meeting occurring this year on March 30, 2003.

Michelle Tortolani, our current Region Director, is a candidate for a Society Vice President position and will not be seeking re-election as Region Director. We urgently need to identify candidates for Region Director because candidate statements for the national ballot are due by February 20th.

Presently, the Region Director sits on the SWE Board of Directors (BOD). If the proposed bylaws are approved in October 2003, the Region Director elected this year will sit on the BOD in FY04 and will not sit on the BOD in FY05. Beginning in FY05, there would be a VP of Regions who would sit on the BOD and represent the interests of the regions. Region Directors would then focus primarily on section vitality, i.e. care and feeding of the sections, and not have their responsibilities split between national and region duties.

Region Director Eligibility:

- 1) Must be a voting member of the region.
- 2) Must have served at least one year as Section President or Representative.
- 3) Cannot be elected from the same section for more than

2 consecutive terms unless approved by a two-thirds vote of the region council.

Region Director Responsibilities:

- 1) Region - Oversee region activities, oversee budget; oversee region conference; organize and lead region council meetings; champion/lead section vitality efforts (which is really a primary focus of the region directors); communicate with the sections and function as a link with SWE HQ and national leadership on issues and activities; respond to the needs of region members.
- 2) BOD - Represent the region at and attend BOD meetings (4) in FY04 (Assuming the bylaws are approved, in FY05, attend/participate in meetings (2?)/conferences calls that VP of Regions may hold); prepare and submit reports of region activities to the BOD; participate in BOD conference calls; support committees and task forces as requested by the President.
- 3) Region Directors Working Group - Participate in meetings as part of the BOD meetings; participate in conference calls; identify goals and develop implementation plans; identify strategies and implementation plans to improve the health and success of sections.

If you are interested in running for Region Director and/or have any questions, please contact Michelle Tortolani, FY03 SWE Region E Director, by e-mail to michelle.tortolani@swe.org or phone 202-380-4156 (work) as soon as possible.

New Jersey Section

The third annual SWE-NJ Corporate Event will be held on Wednesday, February 26, 2003 from 6:00 to 9:00 pm at the Jane Voorhes Zimmerli Art Museum located on the campus of Rutgers University in New Brunswick, NJ. This event provides a setting for SWE Members, NJ Businesses and Corporations, and Community Partners to explore opportunities and mutual interests. This year's event will feature a speaker from Lockheed Martin who demonstrates the mutual success of SWE-NJ and business. The cost is \$15 for Members; the NJ Section will host corporate guests. Please RSVP by Monday, February 17, 2003 to Kristina Hani at 973-663-0003 or kmhani@yahoo.com. For more information about the museum (and directions), call 732-932-7237 or visit www.zimmerlimuseum.rutgers.edu.

The **SWE OBJECTIVES** are:

- to inform young women, their parents, counselors, and the general public of the qualifications and achievements of women engineers and opportunities open to them;
- to assist women engineers in readying themselves for a return to active work after temporary retirement;
- to serve as a center of information on women in engineering; and
- to encourage women engineers to attain high levels of educational and professional achievement.

Mid-Atlantic Region Conference

The first annual combined professional and student member conference for the SWE Middle Atlantic Region (Region E) will be hosted by the Hampton Roads Section and the Student Sections at Hampton University and Old Dominion University on March 28-30, 2003 at the McGrew Towers Conference Center of Hampton University in Hampton, VA. The conference theme, "Pressing Forward While Reaching Back," was chosen to highlight women attaining success while reaching back to help engineering students and new engineers. This conference will provide a forum that aligns with the Society's mission to promote and support the vitality and professional growth of both professional and student members. For more information, visit <http://www.swe.org/SWE/RegionE/Conf01.htm>.

Schedule of Events

Friday, March 28

- 1:00 - 6:00 pm Registration / JOB FAIR
- 7:00 - 9:00 pm Career Fashion Show

Saturday, March 29

- 7:45 - 8:30 am Registration and Continental Breakfast
- 8:45 - 10:00 am Kick-Off Panel Discussion
- 10:30 am - 4:30 pm JOB FAIR
- 10:30 am - 11:30 am Conference Workshops
- 12:30 - 1:30 pm LUNCH
Keynote Speaker: Ms. Suzanne Jenniches, Former SWE National President
- 2:00 - 3:00 pm Conference Workshops (four workshops will run concurrently)
- 3:30 - 4:30 pm Conference Workshops (four workshops will run concurrently)
- 6:00 - 8:00 pm DINNER
Keynote Speaker: to be announced

Sunday, March 30

- 8:30 - 9:45 am Breakfast
- 10:00 - 11:30 am Region Business Meetings (Professional and Student Sections meet separately)
- 12:00 - 1:30 pm Brunch (Optional)
Keynote Speaker: Ms. Alma Martinez Fallon, SWE FY03 President-Elect

Registration Deadline is February 28, 2003. Hotel reservations must also be made by this date to ensure getting the special SWE rate. No refunds will be granted after this date. Late registration will OPEN on March 1st and CLOSE on March 14th.

Conference Fees:

Before (After) the February 28 Deadline

Student \$60 (\$70) Professional \$90 (\$100) Guests \$100 (\$110)

Optional Brunch on March 30th \$10

Send your payment, Name, Address, Section Name, Phone Number, and E-Mail Address to
SWE - Hampton Roads
% Laurie Russell, 614 Sea Oats Way, Virginia Beach, VA 23451

A workshop selection sheet will be mailed to you upon receipt of conference payment.

NASA Webcast

A NASA Webcast, "Women Working on Mars: Engineering on the Red Planet," will take place on Wednesday, February 19th, at 6:00 pm PST (9:00 pm EST) in support of National Engineer's Week. This webcast, which is geared toward K-12 outreach, has resulted from a partnership between the Mars Exploration Program and NASA's Robotics Education Project. The 40-minute presentation will highlight Jet Propulsion Laboratory (JPL) engineers who design, build, and test robots destined for Mars! Through videos of the engineers in their work environment and a live discussion led by audience questions, the engineers will share the excitement of Mars exploration and illustrate that a career in engineering is possible for any creative young man or woman with interest and ability in science and math.

Schools, museums and the general public are invited to participate by submitting e-mail questions about Mars, robotics, or engineering to marsoutreach@jpl.nasa.gov. Please title the subject line "webcast." Questions may be sent in real-time or in advance. Visit <http://mars.jpl.nasa.gov/mer/gallery/video/webcast20030>

[119.html](#) on Wednesday, February 19th to learn more about Mars, robotics, and what a career in engineering really looks like! For more information, please contact Stephenie H. Lievense, Outreach Specialist, JPL Education and Public Outreach, at 818-393-6729, stephenie.h.lievense@jpl.nasa.gov, or Cassie Bowman at cbowman@mail.arc.nasa.gov, <http://robotics.nasa.gov>, <http://mars.jpl.nasa.gov/mer>, 617-547-3482.

Call for Papers - 2003 National Conference

Have you been looking for the perfect forum to present an idea or innovation you have developed? The 2003 SWE National Conference is sending out a Call for Papers on Education, Enterprise and Environment. Topics can be anything from "Homeland Security" to "Engineering Curriculum Freshman Programs" to the "Business of Biotechnology". This Call for Papers is open to ALL attendees, including members, students, exhibitors and sponsors. Write a brief Abstract in accordance with instructions at <http://www.swe2003.org/technical.html>. Abstracts must be submitted by March 1, 2003.

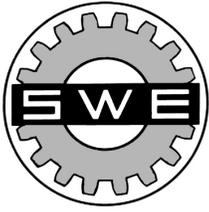
SWE Slate of Officers and Trustees for FY04

Members of the FY03 Nominating Committee have completed their evaluation of recommended candidates for the FY04 elections and have selected the slate of candidates shown below. In making these selections, the committee reviewed recommendations from the Board of Directors, Board of Trustees, National Committee Chairs, Sections, MALs, and Nominating Committee members.

Members of the FY03 Nominating Committee are: Coleen Davis, Chair; Felicita Saiez, Santa Clara Valley(A); Alexis Swobada, Central New Mexico (B); Georgette Michko, Houston Area(C); Kam Kersey, Space Coast (D); Naomi McAfee, Mid-Atlantic (E); KC Norris, New England (F); Ruthann Omer, Ohio Valley (G); Laurie Ramsay, Detroit (H); Kristy Schloss, Square Root-1 (I); Suzanne Hakam, Pacific Northwest (J).

PRESIDENT-ELECT:	Vi Brown, Sonora (B), Phoenix, Prophecy Consulting Group Ronna Robertson Frazier, Mid-Atlantic (E), DelMar Peninsula, DuPont
SECRETARY:	Jude Garzolini, Northwest Star (J), Southwest Idaho, Hewlett-Packard
TREASURER:	Marcia Lampela, Heartland (H), Chicago Regional, Borg Warner
VICE PRESIDENT:	Elizabeth (Libby) Allman, Square Root -1(I), Kansas City, Hallmark Stacey Culver, Gulf Coast Region (C), Greater New Orleans, McDormott, Inc. Joan Graf, Square Root -1 (I), Rocky Mountain ,Honeywell Michelle Tortolani, Mid-Atlantic (E), Baltimore/Washington, XM Satellite Radio, Inc.
TRUSTEES:	Dorothy (Dottie) Morris, Mid-Atlantic (E), New Jersey, Retired Judith Simmons, Ohio Valley (G), South Ohio, Retired Martha Sloan, Heartland (H), Member-at-Large, Michigan Technological

Article XII, Section 2.c of the Bylaws allows for the nomination of additional candidates by petition of 2% of the voting members (96 voting members). Petitions for additional candidates must be submitted to the Secretary by February 20, 2002. Address any petitions to: Secretary, c/o Society of Women Engineers, 230 East Ohio Street, Ste 400, Chicago, IL 60611-3265. Please contact the Secretary if additional information is needed for a petition candidate. The Secretary will issue the final slate to each voting member by March 1, 2003.



SWE Philadelphia Section
The Engineers' Club of Philadelphia
215 South 16th Street, Suite 36
Philadelphia, PA 19102

Address Correction Requested

Visit our Web Site: <http://www.libertynet.org/sweps>
Contact Us by E-mail: phila_info@swe.org

**SWE Philadelphia Section Newsletter
December 2002 - February 2003**

Celebrate 2003 Engineers Week February 16-22, 2003

**SWE-Widener Engineering Mini-Camp for High School Girls
Saturday, February 15, 2003 from 9 am to 3 pm
Widener University, West Chester**

Contact Vicki Brown for Volunteer opportunities

Newsletter copying and distribution is underwritten by a grant from
Lockheed Martin Management and Data Systems.
Thank you!

*The Society of Women Engineers is a non-profit, educational service organization
dedicated to making known the need for women engineers and
encouraging young women to consider an engineering education.*

**SWE 2003 SCHOLARSHIP and ENGINEERING MINI-CAMP PROGRAMS
SECTION MEMBER SPONSORSHIP**

The Philadelphia Section of the Society of Women Engineers (SWE) invites you to be a member of our Scholarship Fund and/or Engineering Mini-Camp Fund. All contributions are tax deductible under 501(c)(3) Internal Revenue Code.

All scholarship donations go to the recipients; administrative costs are paid by the Section. For both programs, all staff is volunteer. Scholarship awards are \$1,000. Donors of \$1,000 or multiples thereof will have the scholarships named for them (if designated for immediate distribution), unless requested otherwise.

SCHOLARSHIP SPONSORSHIPS

___ Gold Sponsor (\$300 and above) _____
___ Silver Sponsor (\$100 - \$299) _____
___ Bronze Sponsor (\$50 - \$99) _____
___ Contributor (under \$50) _____

Please check here if you would prefer that your donation be placed in the Dorothy Hoffman Memorial Endowment Fund rather than be distributed at this time.

ENGINEERING MINI-CAMP SPONSORSHIPS

___ Gold Sponsor (\$300 and above) _____
___ Silver Sponsor (\$100 - \$299) _____
___ Bronze Sponsor (\$50 - \$99) _____
___ Contributor (under \$50) _____

All contributions will be acknowledged at the Scholarship Awards Banquet (April 2003) and/or Engineering Mini-Camp (February 15, 2003), as appropriate. Further details about these programs will be provided in the upcoming Section newsletters and website.

Name _____

Address _____

Phone No. _____ Fax No. _____ Email: _____

Return this form, with check made payable to **SWE Philadelphia Section**, to **Susan Sciaratta, 271 Yorkshire Drive, Newtown, PA 18940-1637**. Please enclose a matching gift form from your company, if available.

To be part of the 2003 Mini-Camp Fund, we request your donation by **February 8, 2002**. To be a part of the 2003 Scholarship Fund, we request your donation by **March 1, 2002**. Donations received after that will be used for the 2004 Programs. If you have any questions, please contact Susan at 215-579-1377 (h), 215-814-5733 (w), or at kevinbsusan@msn.com.