Society of Women Engineers
Grants, Scholarships, Collaboration & Community
Workshop Objectives

- Learn who SWE is... how to:
  - ... connect and partner with SWE members and sections
  - ... access outreach funding
  - ... become a member
  - ... access scholarships
- Understand the value of SWE role models
- Understand the value of outreach assessment
- Experience a fun, easy hands-on activity

HAVE FUN!
The Society of Women Engineers: An Overview

- Founded in 1950, the driving force behind engineering as a highly desirable career aspiration for women.
- Empowering women to
  - Succeed and advance
  - Receive recognition and credit for contributions and achievements
- 20,000+ members
  - 300+ collegiate sections
  - 100+ professional sections
The Impact of SWE Role Models

- 20,000 members globally
- Following SWE events, girls are:
  - Twice as likely to have an interest in becoming an engineer
  - Interested in speaking to an engineer based on their event experience (60%)
The Impact of SWE Role Models

Video
Connecting with SWE Locally

www.swe.org

Stay abreast of the latest SWE-sponsored and other industry events. Note important dates for region conferences, scheduled webinars and local section events submitted by SWE members around the country.

Calendar

Select: All | None

Add To My Calendar | Other Event Actions...
How To Make a Better Bristlebot
Partnering with SWE
Our Outreach Universe

- SWE Members
- Programs
- Volunteer Management
- Program Development
- Grants
- Training
- Alliance Partners & Partner Programs
Partnering with SWE: SWE Programs

- **Wow! That’s Engineering!** One-day hands on event
  - Middle school girls
  - Parents and educators
- **TEEMS** *(Together Exploring Engineering Math and Science)*
  - Multi-day after school hands on events
    - Collaboration with Girls Inc.
    - Underserved girls 8-14
- **Invent It. Build It.** One-day hands on event
  - Held annually at SWE Conference (Fall)
  - Collaboration between SWE, WGBH, Girl Scouts and The ExxonMobil Foundation.
- **Parent Educator Program (PEP)**
  - Introduction to Engineering for Adults
- **PCI (Pre-College Initiative)**
  - High School Level SWE Clubs, Service Learning (STEP-UP), School Partnerships
Partnering with SWE: Training

www.swe.org/aspire/training

All volunteers doing girl-focused engineering outreach should be armed with the following:

1. Consistent messages
2. Clarity about what sets engineering apart from other professions
3. An understanding of why engineering matters
4. A reference for public communications
5. Tips and techniques for successful outreach
6. Program specific training
Partnering with SWE: Advantage Funding

Program Development Grants (PDG)

• Available through generous funding from:
  • ExxonMobil Foundation
  • The Ford Motor Company Foundation

• Available to support SWE members pursuing:
  • Alliance Partner Programs
  • SWE Programs
  • Grassroots Programs

• Applications are reviewed monthly

• Learn more at www.swe.org/aspire
  (click on “engineers”, then “Get Funding”)
Partnering with SWE
Numbers, please…

Web-based tool tracks engineering outreach impact by connecting SWE members to:

- Volunteer opportunities
  - Local, national, virtual based on profile
  - Created by sections and partners
- Programs
- Partners
- Funding
- Recognition

- Visibly showcase collaboration to increase efficacy
- Demonstrate positive impact through SWE role-models
- Assure funding through measured impact results
- Single source program and event assessment tool
Partnering with SWE: K-12 Outreach Alliance

Shared Goals

Networking

Tools

Engaged Contributor
Partnering with SWE
Interdependence

- Members
  ✓ Role Models, SME
- Programs
  ✓ Wow!, TEEMS, PEP
  ✓ Pre-College
  ✓ Alliances
- Training
- Calendar

- Funding

NOTE: SWE must apply for the funding and must be substantially involved in the programming

SWE

SWEEter Futures

Program Development Grants

Alliance Partners

- Outreach Volunteer Communications
- Program promotion
- Outreach Calendar
- Outreach Metrics

- Access to SWE PDG
- Event Promotion via SWEEter Futures

- Alignment with SWE Outreach Goals
- Access to SWEEter Futures Volunteer Database
Partnering with SWE
How To…

Our Online Application into the SWE K-12 Outreach Alliance
How to Become a SWE Member

www.swe.org/membership

NOT A MEMBER? JOIN SWE >>
Connect with a network nearly 20,000 women strong and gain a diverse offering of resources for collegiate and professional advancement.

Discover the Many Benefits of SWE Membership

EXPERIENCE SWE FIRST-HAND >>
More than 400 sections and a network of members at large means there’s a local SWE community near you.

Find Your Local SWE Section

CONNECT VIA FACEBOOK >>
Connect with SWE and more than 10,000 people on SWE's Facebook page.

Like Us Today

$20 K-12 educator dual membership
SWE Scholarships

www.swe.org/scholarships

- Annual, freshmen through graduate students
- Range from $1,000 to $10,000 each
- 2010 SWE Society awards approximately $500,000
- Professional SWE sections offer additional scholarships
Welcome to Aspire
SWE’s K-12 Outreach Website

aspire.swe.org or www.swe.org

Our Aspiration

Engineering is innovation... it's invention... it's one of the most exciting and essential fields there is. In order to help engineering thrive and remain diverse, we need to share the excitement with girls in grades K-12. Education and awareness must start now, well before college. The future is in our hands. Help us place it in theirs.
Aspire Serves Four Audiences

- SWE Scholarships & Awards
- Do Engineering
- Engineering Schools & Careers

- Scholarships and Awards
- Introduce Your Daughter to Engineering
- Colleges and Careers

- Start Here
- Get Involved
- Apply to Host a SWE Sponsored Wow! That's Engineering Event
- Activities Tool Kit
- Measure Your Success
- Advising Girls

www.swe.org/aspire
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<tr>
<th>Who</th>
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