Welcome to the National Girls Collaborative Project National Webinar

SWENext: The Society of Women Engineers Sparking Excitement About STEM and Fostering Community

February 8, 2018
Agenda

- NGCP Vision and Goals
- Society of Women Engineers present on SWENext
- Questions and Discussion
- Closing
Vision

The National Girls Collaborative Project brings together organizations committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM).
Goals

1. **Maximize access to** shared resources within organizations interested in engaging girls in STEM.

2. **Strengthen the capacity** of programs by sharing exemplary practice research and program models.

3. **Use the leverage of a network** to achieve gender equity in STEM.
National Network of Collaborative Teams
Society of Women Engineers
Speakers

Jinnel Choiniere
Student Programs Coordinator

Randy Freedman
Director of Student Programs
SWENext:  
Sparking excitement about STEM and fostering community

Jinnel Choiniere,  
Student Programs Coordinator

Randy Freedman,  
Director of Student Programs
Overview

- Society of Women Engineers
- SWE Membership (students & educators)
- In-person events: Invent it. Build it. and SWENext DesignLab
Background:
Society of Women Engineers &
The Outreach Committee
Society of Women Engineers (SWE)

• Founded 1950
• Mission: 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.
Outreach Committee Goal:

To play a key role in building STEM identity in girls and young women

• Develop students’ understanding of what Engineers do.
• Help students draw connections between their interests/passions and engineering.
• Build Students’ self-confidence and critical thinking skills as they relate to engineering.
• Enable Students to meet and network with role models.
• Help Students see that engineering is a viable career for women.
• Enable Students to identify the next steps to becoming an engineer.
SWE Outreach Serves Four Interrelated Audiences

SWE Members

SWENexters (18 years and younger)

Adult Advocates
(Families, Educators, Scout Leaders, etc.)

Alliance Partners
SWENext
Building STEM Identity in Girls
Giving Them a Sense of Community
SWENext – Just the Facts

- Launched March 2015
- **FREE membership** for students 18 years and younger
- **Currently 3871 members** (and ~1700 “alumni” who have already graduated from high school)

FY18 Target = 5000 Current SWENexters
SWENext – Benefits

K – 8 Students
- Monthly newsletter
- Monthly Hands-on Challenge with a monthly winner
- Invitations to STEM events in their area, including Invent It. Build It. and SWENext DesignLab
- Periodic contests (like the Constance & Nano “be in a comic book” contest)
- Special promotions (like the iDTech Camp scholarship opportunity)
SWENext – Benefits

High School Students
All the things K-8 Students get plus:

• Monthly **Social Media Challenge** with a monthly winner
• Monthly **SWEet Wisdom** column
• **Facebook Group** (closed group for SWENexters and “ambassadors” only – over 1000 members)
• **SWENext Awards program**
Help Us Promote SWENext

- Lots of resources on the SWENext page
- Get the word out with SWENext Promotional Resources
SWE Scholarships

SWE Scholarships support women pursuing ABET-accredited bachelor or graduate student programs in preparation for careers in engineering, engineering technology, and computer science in the United States. In 2017, SWE disbursed approximately 233 new and renewed scholarships valued at more than $1,15,000.

Applicants complete one application and are considered for all scholarships for which they are eligible.

+ read more

<table>
<thead>
<tr>
<th>Title</th>
<th>Video</th>
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<tbody>
<tr>
<td>Get notified when SWE scholarship applications are open.</td>
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<tr>
<td>Am I Eligible for a SWE Scholarship?</td>
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<tr>
<td>How to Apply for a SWE Scholarship – Part 1</td>
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<td>How to Apply for a SWE Scholarship – Part 2</td>
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Available Scholarships

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<tr>
<th>Scholarship Name</th>
<th>Class</th>
<th>Major(s)</th>
<th># Available</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Ada L. Pazzman Memorial Scholarship (Est. 2001)</td>
<td>Sophomore, Junior, Senior, Graduate</td>
<td>All Engineering</td>
<td>0</td>
<td>$6000</td>
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SWENext is for adult advocates too

- Go to: SWENext.swe.org
- Click on the “Adults – stay in the know” button
- Fill out the form

You will receive all SWENext emails that a SWENexter in your area would receive.
SWENext Clubs

societyofwomenengineers.swe.org/swenext-clubs

- Launched 2015
- What is a SWENext Club?
  - A group of SWENexters at a school, in a community, etc. who explore engineering together
  - Activities may include engineering competitions, exploring engineering careers, meeting with local SWE members, conducting outreach for younger girls, and more
  - Eligible to enter club challenges.
- Over 100 clubs registered
SWENextEd
Programs & Resources for K-12 Educators
K-12 Educator Membership

Benefits

SWE MEMBERSHIP

• K-12 outreach resources locally, nationally and internationally
• SWE’s blog, All Together
• The Award-winning SWE Magazine
• Continuing Education Units (CEUs)
• Program Development Grants
• Eligibility to be a SWENext Club Advisor
• SWENextEd Facebook Group
• SWENextEd Newsletter
• And more...

EASY STEPS TO JOIN

1. Visit swe.org/join.
2. Create a new customer account & login.
3. Select Professional Membership and on the next page K-12 Educator Membership.
4. Pay $20

Questions? Email membership@swe.org

Learn more about SWENext, a free program for students up to the age of 18. SWENext gives students the opportunity to attend engineering events, receive scholarships and more.

Visit swenext.swe.org for information.

JOIN SWE TODAY and join us in encouraging more women to become engineers!

Which future engineer will you inspire?

SWE.ORG
K-12 Educator Resources: SWENextEd

Monthly Newsletter

Closed Facebook Group
www.facebook.com/groups/SWENextED/
In-Person Events:
 Invent it. Build it. and SWENext DesignLab
SWENext In-Person Value Proposition

Exposure, Community, and Role Models

• Co-location with **SWE conferences**: professional and collegiate engineers
• **Diverse** areas of engineering represented
• **Girls** specifically targeted
• Relating to engineers as **real women**
• **SWENext continues the experience**
Invent It. Build It.
societyofwomenengineers.swe.org/invent-it-build-it

- Held each year at the SWE annual conference to help the local community learn about engineering and build an engineering identity

- On-site programs:
  - Elementary school (grades K-5)
  - Middle school (grades 6-8)
  - High school (grades 9-12)
  - Parents & Educators
  - EXPO

- 9th Annual IIBI: October 2018 Minneapolis, MN
SWENext DesignLab

welocal.swe.org/designlab/

- Launched 2017
- Help the local community learn about engineering and build an engineering identity
- Held at **WE Local conferences** around the US
- **On-site programs:**
  - Middle school (grades 6-8)
  - High school awards (grades 9-12)
  - Parents & Educators
SWENext DesignLab

Please spread the word!

welocal.swe.org/designlab/

➢ Tulsa, OK
   January 27

➢ Phoenix, AZ
   February 24

➢ Milwaukee, WI
   March 10

➢ Portland, OR
   April 7

➢ Providence, RI
   April 21
Questions?
Get Involved with NGCP

• Follow us on social media, @NGCProject
• Attend local events and national webinars
• Join your local Collaborative leadership
• Collaborate to serve more girls in STEM
Thank you for joining us today!