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### Women's History Month

Did you know that March is Women's History Month? It's a time to learn about and recognize the great contributions that women have made to our world. That includes women engineers!

Learn about famous women engineers at the [EngineerGirl website](#) and take [SWE's Women Inventors Quiz](#).



And the next time you need to write an essay about a famous person, consider writing one about a woman engineer!

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### Scholarships

Even if you are only a freshman in high school, it is never too early to start thinking of ways to boost your college applications and your chance for college scholarships. With the rising cost of higher education, it's important to you and your parents.

In addition to scholarships offered by universities, there are many private foundations and organizations that offer scholarships, like the Society of Women Engineers (SWE). Anyone offering scholarships will be looking for students to demonstrate commitment, not only to education, but also to other activities and responsibilities.

Some things to emphasize in a college application or a scholarship application are:

- Taking challenging classes (Honors, AP, IB)
- Commitment to community service and other volunteer opportunities in your community
- Membership in clubs especially if you've held a leadership position in any of them
- Any awards you've won at school or any competitions you've competed in
- If you've worked part time during the school year or during the summers

These are great ways to make yourself a great candidate for scholarships as you get ready for college.

High School Seniors: Last year, SWE awarded over 230 scholarships valued at more than \$700,000. If you will be an incoming college freshman in the fall, with a 3.5 or higher unweighted GPA in high school, and are enrolling in an ABET accredited engineering program, then you are eligible to apply for a SWE scholarship.

The application process is now open!

[Register here >>](#)

Get tips for filling out the application by watching these videos:

- [Am I eligible? YouTube Video](#)
- [How to Apply - Part 1 YouTube Video](#)
- [How to Apply - Part 2 YouTube Video](#)
- [Tips for Applying from SWE Judges - exclusively for SWENexters](#)

FYI, the application process ends on May 1, 2018. Good luck!

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**Day in the life of a Chemical Engineer**



Meet Ana Solorio, a Chemical Engineer for DuPont. Find out how she got there, the types of projects she's working on, and how you can #BeThatEngineer on SWE's [All Together](#) Blog.

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### SWENext Global Innovator Award Recipient

Congratulations to Janet Wang, one of the 2017 recipients of the Global Innovator Award! Not only is Janet passionate about helping other girls succeed in STEM fields, she's dedicated a lot of her time to community service through the Key Club and her robotics team, "Girls of Steel." Janet is especially interested in the connection between engineering and biomedical applications and has conducted research at the University of Pittsburgh.



Meet Janet and learn more about her by watching her [submission video](#)!

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### Awards, Awards, Awards!



We love recognizing young ladies who are up and coming engineers! Here are our recent SWENext award winners.

Congratulations to the SWENext Northrop Grumman High School Community Award winners who were honored in Tulsa Oklahoma on January 28:

- Aurora Gray, Lansing High School in Lansing, KS
- Diana Balderas, Golden Valley High School in Bakersfield, CA

They created posters that addressed this local issue: Every year Americans produce about 126 billion pounds of food waste while currently more than 15% of Oklahomans do not have consistent access to adequate nutrition. How can Oklahoma, and other communities, use science, technology, engineering, and mathematics to reduce food waste while helping others gain reliable access to proper nutrition?



Congratulations, also, to the Tulsa Local Innovator Award winner, Karena Young from Cascia Hall Preparatory School in Bixby, OK. She answered four essay questions and [created this video](#).

Congratulations to the SWENext Northrop Grumman High School Community Award winners who were honored in Phoenix on February 25:

Alexandra Rolfness, Paradise Valley High School in Cave Creek, AZ

Carelys Rivera Aponte, Colegio Nuestra Señora del Carmen in Canóvanas, PR

Kylie Struth, Home Schooled in Goodyear, AZ

Joanna Liu, BASIS Chandler in Chandler, AZ



They created posters that addressed this local issue: Arizona has been experiencing a long-term drought for the last 21 years. Up to 20% of the Colorado River (one of Arizona's main water sources) is predicted to dry up by 2050. In addition, a 2012 study by the US Department of the Interior predicted a 3.2 million acre-foot shortfall of water in Arizona by 2060 (about five times the amount of water used in the city of Los Angeles per year). Using science, technology, or engineering, they proposed a solution to help alleviate Arizona's predicted water shortage. They considered new ways to conserve water or produce the water required to support Arizona's population,

agriculture, and industry. They also designed a poster to describe the proposed solution.

Congratulations, also, to the Phoenix Local Innovator Award winner, Serena Geroe, Canyon Crest Academy in Carlsbad, CA. She answered four essay questions and [created this video](#).

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**SWENext Award open applications**

[Apply for the SWENext Northrop Grumman](#)



**Community Award in Providence before  
March 31**

Design a poster to describe a proposed solution to the prompt below:



Newport's Easton's Beach is plagued by red seaweed. It washes ashore, rots and smells terrible. It also makes swimming unappealing. Even though the beach is packed in the summer, it would be great if the red seaweed was minimized or gone. Newport did purchase a custom designed seaweed harvester in 2010 that scooped up the seaweed in the shallow water. It often had problems and underwent costly repairs in 2014 and was last used during the summer of 2016. The Newport City Manager would love to hear ideas on how they can get rid of the seaweed.

**Apply for the SWENext Local Innovator Award >>**

**SWENext Social Media Challenge with a chance to win a t-shirt!**

College campus visits help high school juniors and seniors choose the college that is best for them. And younger high school students have the chance to visit for tours as well, or even participate in camps or STEM outreach days on campuses.



SWE's annual High School Day introduces girls to technical careers through hands-on lab exercises. Senior ECE and EPP student Emily Lauffer (far left), who coordinated lessons on circuit design, attended the program when she was in high school. She said it exposed her to different engineering fields and gave her a chance to see Carnegie Mellon in action.

This month, we're challenging you to share a picture of a visit you took at a college campus for a tour, a camp, or anything else and tell us what inspired you about the visit or activity!

Share it with us in our [closed SWENext Facebook Group](#).

**Submit your #SWENext #CampusVisit by March 30.** The winning SWENexter will receive a "Watch me change the world" t-shirt!

Example:

Carnegie Mellon University SWE hosts a high school outreach day every fall. Pictured above are Electrical Engineering students teaching girls about circuit design.





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[www.swe.org](http://www.swe.org) | #BeThatEngineer

The purpose of this email is to publicize a program or activity sponsored by the Society of Women Engineers (SWE). You are receiving this email because you are either a SWE member or have an affiliation with SWE. [Unsubscribe](#)

