

Winners will attend a SWENext event where they will meet and network with women engineers and engineering students, learn about how to get the most from your SWENext membership and about bias literacy, and receive a certificate of achievement and a commemorative shirt.

[Learn more and apply here.](#) Deadlines for submitting your application:  
Baltimore: Application due January 19, 2019  
St. Louis: Application due: February 9, 2019  
Denver: Application due: February 23, 2019  
Bellevue Washington: Application due: March 16, 2019

We can't wait to read about all the great things you are doing!

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#### Last Chance to Rank the Collegiate Videos!

SWE asked our collegiate sections to make a video for SWENexters about their college, their engineering department, and what makes their school great. These will be compiled into a library for SWENexters to help you choose a college. We need your help to decide which of the top three submissions is best!

This short survey will give you an opportunity to view the three submissions SWE members liked most and to rank them, with #1 being the best.

[Rank the videos by clicking this link.](#)

It will only take about 10 minutes. Help us help you! The deadline for ranking the videos is January 17. Thanks!

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#### Help SWE Conduct Important Research!

SWE researchers are collaborating with researchers from The University of Texas at Austin to conduct research on young women's interest in engineering through a study supported by the National Science Foundation.

They are looking for SWENexters who are in high school and would be willing to participate in their study. The purpose of the study is to learn more about young women's opinions and experiences with engineering and other STEM fields, and help the researchers understand how to better support their interests. The study involves an online survey and a phone interview. All participants who complete the survey will be entered in a drawing for a tablet. Participants who complete a phone interview will receive a \$25 gift card from Amazon.

To participate in the study, [click this link](#). Participants will be asked to provide parent contact information, and researchers will contact parents to gain consent for inclusion in this study.

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#### 2019 EngineerGirl Writing Contest

Do you like writing creative stories? If so, you'd be perfect for this contest!

For the first time ever, EngineerGirl is running a writing contest for creative fiction. To enter the contest, write an original, fictional story in which the main character is a female who uses engineering skills to solve a problem.

There are three basic rules:

1. Your main character must be female.
2. Your main character must use engineering design principles to solve a problem. (She cannot use or rely on magic or supernatural powers.)
3. Your story must be under the word limit for your grade level.

Middle School (grades 6-8): 1100 words.  
High School (grades 9-12): 1500 words.

[Learn more here.](#)

We would love it if a SWENext like you won! Submit your essay via the [Online Submission Form](#) by February 1, 2019 at 11:59pm EST.

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#### Are You an EngineerGirl Ambassador?

An EngineerGirl Ambassador designs, develops, and implements a project in her local community that will encourage younger girls – particularly those with little access to engineering role models – to think about engineering and engineering careers and give them practical experience in engineering design.

An EngineerGirl Ambassador is a female, U.S. high school student who is actively involved in promoting engineering to younger students in her community. She has participated in engineering-related lessons or activities and is confident about explaining engineering principles to younger students. Ambassadors receive training and support from the National Academy of Engineering (NAE) in collaboration with the Society of Women Engineers (SWE) through the EngineerGirl website.

Potential EngineerGirl Ambassadors submit [detailed information about their proposed project](#) along with [supporting documents](#). Ambassadors are selected by the EngineerGirl steering committee based on the feasibility, potential impact, and evidence of support for their proposal.

The submission deadline is March 1, 2019. [Learn more here.](#)

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#### SWENext Clubs Corner

In Clubs Corner, we feature a new SWENext Club every month. This month we are featuring the [Girls Prep SWENext Club](#).



The students at the Girls Preparatory School in Chattanooga, Tennessee, sure know a thing or two about empowering their fellow classmates to pursue STEM! The SWENext Club at Girls Prep was founded three years ago as a way to cultivate interest in Science, Technology, Engineering, and Math (STEM) among the 9th to 12th graders.

About 30 members meet once a week to work on projects, listen to guest speakers, or prepare for national competitions.

One of the most exciting competitions that the students take part in is the Tests of Engineering Aptitude, Mathematics and Science (TEAM+S) that they compete in at the Georgia Institute of Technology. They also often have alumni return to their club to talk about what they are majoring in in college and talk about their STEM path. Another project they recently worked on was learning about the construction of their school's boathouse which an alumna is overseeing.

[Check out an explosive experiment that the club showed off to their school here!](#)

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#### Meet a SWENext Club Officer

Meet the next great [Zaha Hadid](#). Kelsey L. from the Pitt Pirates Robotics SWENext Club! She is currently in 12th grade and the President of her SWENext Club. She was inspired to join the club after a mentor encouraged her to join, and she is so happy she did!



Last year, her club started the first annual Girl Scout Innovation Day. They hosted 10 troops who learned how to program Ev3 Mindstorms and WeDo 2.0 robots. During the event, they also built pasta bots, and learned how to drive cardboard Sumobots. "My favorite part [about working with kids is] when I can see a spark grow in the minds of students who find a new passion."

Not only does Kelsey love robotics, [Architecture](#), and [Civil Engineering](#), she loves reading, doing outreach with younger students, and being creative. She also is a dedicated volunteer with the Regional Cabinet for Youth Work where she helps plan retreats for high school students, and volunteers with other organizations across North Carolina.

She says her favorite part about being in SWENext is that, "SWENext has really boosted my confidence in STEM. I feel comfortable enough to explore different fields of study without having to fear any sort of repercussions." We can't wait to see what buildings, bridges, parks, or even cities that Kelsey helps engineer in her future!

Interested in having your SWENext Club or Club Officer highlighted in the monthly SWENext Newsletter? Email Haley, the SWENext Clubs Reporter, at [hla37@cornell.edu](mailto:hla37@cornell.edu)!

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#### SWENext Social Media Challenge with a Chance to Win a \$25 Amazon Gift Card!

Lots of people like to make "New Year's Resolutions" in January to try and achieve a goal or learn something new in their personal or professional life. This month, we're challenging you to set and share a resolution to learn something, or improve something you already do, related to science and engineering.

Examples of New Year's Resolutions are to start tutoring younger students in math or even to procrastinate on your Chemistry homework!  
Share your resolution with us. Post it by February 4th on our closed [High School SWENext Facebook group page](#). #BeThatEngineer

The winning SWENext will be selected by random from all entries and will win a \$25 Amazon gift card.

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#### Did you know? SWENext is on YouTube!

Subscribe at [SWENext YouTube Channel](#) to make sure you don't miss any new upcoming videos.



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