

Meet us in Austin for a girls event, check out a day in the life of aerospace engineers

swe **NEXT**



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Register for Invent it. Build it.



Get ready for SWE's signature [Invent it. Build it.](#) event for students in grades 6-12. There's also programming for parents and educators at Invent it. Build it. The event takes place on Saturday, October 28, 2017 at the Austin Convention Center. [Learn more and register today!](#)

Apply for SWENext Northrop Grumman Community Award

Did you know you can participate in [Invent it. Build it.](#) and be awarded for your creative problem solving? All high school SWENexters in the Austin area are invited to apply for a [SWENext Northrop Grumman Community Award](#). Submission requirements include a poster and a short video. Applications will be open through October 21, 2017.

[Learn more here »](#)

Profiles of Women in Aerospace Engineering

Anyone who has seen the movie "Hidden Figures" knows that women have been making contributions to the world of aerospace engineering for a long time. One such woman is Yvonne C. Brill. Brill studied math and chemistry but eventually entered into the world of engineering and put her knowledge to use in the design of rocket propulsion systems. It is



thanks to her that satellites are able to operate for as long as they are now. She is also a winner of the SWE Achievement Award. [You can learn more about Ms. Brill here.](#)

To this day women are continuing to advance the field of aerospace engineering. At NASA, women are working on projects from the [Mars Lander](#) to small [CubeSats](#). You can go to NASA's site to read [profiles](#) on a number of their women engineers and to hear [advice](#) they have for young women interested in becoming future engineers.



Naomi McMillin is an Aerospace Engineer with NASA. Find out how she got there, the type of projects she's working on, and how you can #BeThatEngineer on [SWE's All Together Blog.](#)

Congratulations to Downingtown STEM SWENext Club

Congrats to Downingtown STEM SWENext from Downingtown STEM Academy for winning the 2017 SWENext Club Challenge. [Check out their innovative submission!](#) We're excited to share that four club members are headed to the SWE annual conference later this month to demo their prototyped product to women engineers. Find out more about how to [start a SWENext Club.](#)



SWENext Social Media Challenge

The work that engineers do shapes the cities and towns that we live in. From the electricity that lights our homes to the roads and bridges we drive on, engineers have built amazing things and improved our quality of life. This month, we challenge you to take a picture of something engineers have worked on in your town or city! Submit your #SWENextSelfie by sharing it in our [SWENext Facebook Group.](#)



Cool Engineering Sightings

Erica is a chemical engineer from the United States working at Merck on assignment in Ireland. While sightseeing in Dublin, she couldn't help but marvel at the beautiful architecture in St. Patrick's Cathedral made possible by construction engineers!

Shout Out to Last Month's SWENext Social Media Challenge Winner

The lucky winner for September's #SWENextSelfie challenge is Kaitlyn S. Congratulations!!! Your fabulous SWENext freebie is on its way.



130 East Randolph Street, Suite 3500
Chicago, IL 60601
www.swe.org | #BeThatEngineer