



It's November and the things are still looking SWE-ET!

The WE17 Conference in Austin was an awesome experience and hope each of you had a chance to enjoy many of the highlights. As we continue our efforts about the future of girls and women in STEM, let's also recognize ourselves for being a part of this expansive growth for the next generation. Thank You for your commitment to helping women and girls achieve their full potential in school, and their careers as engineers and leaders.

Yes, we are gearing up for WE Local Phoenix 2018 with subcommittees working hard to bring it all together. What an exciting time for our section to be hosting such an event. Please check out all the social media outlets for updates and where you can volunteer and get involved.

Don't Forget:

- Adopt the Family (December)

Always keep your membership up to date and enjoy **all these SWE-ET events!**

To get more involved with the section contact syronnabrown@gmail.com for more details.

Syronna L. Brown

SWE Phoenix President, FY18

syronnabrown@gmail.com or 623.826.1626

Check out our website at www.swephoenix.com, and find us on Facebook too!

SWE PHOENIX EVENTS:

1. Future City Judges
 2. WE Local Call For Participation - Extended
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November 2017 SWE Phoenix Newsletter

1. FUTURE CITY JUDGES NEEDED, 01/27/18

The **21st** Annual Future City Competition is approaching! SWE Phoenix is the sponsor and judge for the 'Society of Women Engineers Most Innovative Design', and needs your help to fill 5-8 spots on our judging team. Come witness the tremendous creativity of middle school kids/future engineers and encourage their ability to dream up and plan the city of the future.

You will need to register at this website so that the FCC has you counted as a judge; you will choose to be a society judge, and use SWE as your society/organization. Please email Suzanna when you do so. Judge registration: <https://www.azfuturecity.org/Start/Welcome.aspx> Note: Even if you registered last year, you will need to re-register this year.

Involvement is in two steps (participation in both preferred but not required):

1) Review essays for our SWE award, "Most Innovative Design." This year, students will be applying directly for our SWE award through an essay process; they will be answering 3 questions relating to innovating design for their models. This part (reviewing essays) will all be done electronically, and after reviewing the essays, you will send Suzanna your inputs/scores on the essays. We will review essays either through email/zip files or Google drive. Time commitment depends on how many essays there are.

2) Finals are the **morning of Saturday January 27, 2018** at a location TBD.

To be part of the SWE Phoenix Judging team, please visit:

<https://www.azfuturecity.org/Start/Welcome.aspx>, and then please email Suzanna at Suzanna.Cottrell@asu.edu. If you are only able to participate in part 1 or 2, please indicate in your email (you will still need to register). Thank you!

To learn more about Future Cities, you can visit the website: <https://www.azfuturecity.org>.

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2. WE LOCAL CALL FOR PARTICIPATION - EXTENDED

In 2018, there will be five smaller SWE conferences across the US. There are also collegiate competitions, like poster presentations, at each WE Local conference. The calls for participation are currently open for three of the WE Local conferences and the others will be opening soon. More information about all WE Local conferences can be found at <https://welocal.swe.org>. The locations, dates, and call for participation for WE Local Phoenix is listed below.

- WE Local Phoenix is February 23-25, 2018
 - Proposals can be submitted at <https://welocal.swe.org/phoenix/>

If you have any questions about the WE Locals, need session ideas, or the call for participation, please contact [Sara Christopherson](#).

JENNIFER REICH RECEIVES PRESTIGIOUS SWE NATIONAL AWARD

Congratulations to one of our own! **Jennifer Reich** has been an active SWE Phoenix participant for many years. It is a pleasure to see her acknowledged for her accomplishments!

"Two Honeywell (NYSE: HON) employees who have helped shape the way the world flies — and how we explore beyond this world — are being honored by their peers. The Arizona women, Terri Taylor, senior engineering manager, and **Jennifer Reich**, principal engineer, are being recognized by the Society of Women Engineers (SWE) this week for their individual contributions to the aerospace industry, STEM (Science, Technology, Engineering and Mathematics education), and their communities.

Terri Taylor is being honored with the Resnik Challenger Medal, named for Dr. Judith Resnik, an electrical engineer and longtime SWE member who was a mission specialist on the tragic 1986 Space Shuttle Challenger mission. This award acknowledges Taylor's achievement of expanding space exploration through her invention of the application of spin-bearing technology for attitude control systems that steer, stabilize and point a spacecraft. Her contributions to the technology over the past 27 years have provided reliable, longer-life spacecraft. From the Space Station to imagery satellite to weather satellites, along with undisclosed missions of national importance, Taylor's impact cannot be overstated. Her passion has helped shape the way space is explored, and Taylor is just as passionate about helping to encourage and mentor young female engineers.

Jennifer Reich is being honored with the Emerging Leader Award, which recognizes female engineers who have "demonstrated outstanding technical excellence resulting in significant accomplishments." Reich is an expert and leader in aerodynamic analysis using computational fluid dynamics tools to solve complex problems in the design and development of commercial and military aerospace products. She is an inventor on multiple patents related to aircraft cabin pressurization and engines. Reich is also a published technical author.

Reich is committed to advancing women in engineering, in part through her work mentoring young girls aspiring to grow a STEM field career. She has been an SWE leader for years and is a founding leader of the Women at Honeywell Engineering Network, or WHEN, which creates networking and professional development opportunities for women engineers at Honeywell.

"The men and women recognized this year have made significant contributions to the engineering community," said Jonna Gerken, president of SWE. "They are leaders, inspiring the current and future generation of STEM professionals, and paving the way to empowerment for women engineers everywhere."

Taylor and Reich will be recognized at the SWE annual conference in Austin, Texas, Oct. 26–28, 2017. Billed as the "world's largest conference for women engineers," the event annually draws more than 11,000 industry leaders."

See more at: <https://www.honeywell.com/newsroom/pressreleases/2017/10/women-engineers-at-honeywell-win-two-prestigious-industry-awards>





SCITECH JEDI MENTOR PROGRAM IS SEEKING VOLUNTEERS

The Chief Science Officer SciTech Jedi Mentor Program is seeking volunteers! Honeywell has sponsored several events for the **Chief Science Officer program in the past, and many SWE** members have supported these event. Their mission is to increase student voice in school and community STEM discussions. This will result in an increase of student interest and career awareness in STEM. By engaging with schools and business professionals, CSOs can better serve their student body and can gain exposure to many career opportunities.

The program is seeking business professionals to mentor Chief Science Officers. Please review the attached document to learn more about the various opportunity. Bob Witwer (rjwitwer24@gmail.com), who recently retired from his role as the Vice President of advanced Technology, is active in this program and would be happy to answer any questions you might have.

This is a great opportunity to serve as role models for these young men and women.

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SWE CHAPTER AT EMBRY-RIDDLE AERONAUTICAL UNIVERSITY (ERAU)

The SWE ERAU chapter will be having their last meeting of the semester on Monday 12/4 at 7pm and they have invited us to join them! They will be doing a holiday sock exchange (white elephant style) as well as a gingerbread house competition.

I'll be joining and leaving Honeywell on 34th st and washington at 4:30pm. I have room for 4 people in my car, let me know if you'd like to join. Email maira.garcia@honeywell.com

Thank you to Dave Dwyer, Honeywell Engineering Director for coming and speaking to the SWE ERAU group about how to approach recruiters at career fairs and for the valuable career advice.

Thank you to Alex Quast, Honeywell Project Engineer for coming and speaking to the SWE ERAU group on lessons learned at the SWE Conference and for the helpful tips!

SWE ERAU will have their last meeting of the semester and it will be a holiday party/graduation party for the seniors with a recap of their semester on Monday December 4th at 7pm. If you would like to join, please let Maira know to figure out carpooling.

At this point, we are done with our speaker series for this semester but stay tuned for an announcement calling for speakers for next semester. If you are interested in giving a talk on anything related to career, career advice, technical projects, etc., please email Maira at maira.garcia@honeywell.com.

Thanks!
Maira Garcia



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Note: Insert your e-mail address where it states 'email_address'