



January 2019

SWE Phoenix Newsletter



Hello SWE-sters,

Happy New Year!

We ended the year on December 18th, with 15 members at Rudy's in Chandler. Members voted to honor Teen Lifeline with a donation of \$200. Teen Lifeline is a local organization which has been in operation for 32 years. Their mission: to end teen suicide, to provide a connection of hope to teens in crisis and to empower our youth to make healthy decisions.

We are starting 2019 with a full slate of events for SWE members at all stages of careers and life. See below for more details on each of these:

- Jan 9: Sign up quickly to see the movie, "On the Basis of Sex": we need 25 people to attend this exclusive screening at AMC Ahwatukee 24!
- Jan 10: Professional Development: We will host a live webinar with Melissa Marshall: you will view this from your computer, wherever you are, and this will be delivered live by Melissa, just for us. We are using a new event format, recognizing that after-work, on-weekend, and other typical event schedules don't provide the flexibility needed by SWE members. This is our premier event for the year, so please reserve your spot! This is a fantastic value for members.
- Jan 12: Social: Procrastinator's Potluck: a Phoenix SWE tradition!
- Jan 19: Future Cities Judging: Suzanna Olsen is again team lead.
- Jan 20: Book Club! See details below.
- Jan 26: Speed Mentoring: kicking off the college-to-career events with Diana Serban.

Looking ahead:

- February: more opportunities for judging EPICS team activities, volunteering at Eweek events, and professional development.
- WE Local: Baltimore, Tampa, St Louis, Denver, Bellevue... <https://welocal.swe.org/>
- WE'19, coming to Anaheim in November!

Section business:

- **Donations:** We were honored with a donation from the Mariucci Family Fund. This is the second donation this year that we have received through our association with the Arizona Community Foundation. Thank you also to Virginia Counts and to anonymous Boeing employees for your donations!
- **New Bylaws:** Our revisions have been accepted by SWE HQ. Thanks to everyone who took the time to vote!
- **Volunteer Hours:** Several companies have programs to match your volunteer hours to non-profits. SWE Phoenix is registered with some of these: look for us as "Society of Women Engineers Phoenix Section". Please remember to submit your hours! If your company has this program, and you don't find us listed, let me know.

Hope to see you soon!

Barbara Haney
SWE Phoenix President, FY18

haneey.barbara@gmail.com or president@swephoenix.com

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

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SWE PHOENIX ANNOUNCEMENTS:

- SWE-PHX Movie Screening "On the Basis of Sex", 1/9
- SWE-PHX Webinar "Creating Powerful Presentations", 1/10
- SWE-PHX Procrastinator's Potluck, 1/12
- SWE-PHX Book Club, 1/20
- SWE-PHX Future Cities Judging, 1/15 & 1/19
- SWE-PHX Speed Networking, 1/26
- SWE-PHX Scholarship Information (Due March 1)

OTHER ANNOUNCEMENTS:

- SWE-ERAU Announcement
 - SWE-PHX CafePress Shop and Amazon Smiles
 - Future Cities Looking for Sponsors
 - Westside Impact Science and Engineering Fair, 3/1 and 3/2
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SWE-PHX ANNOUNCEMENTS

1. SWE-PHX Movie Screening "On the Basis of Sex", 1/9

Event: Movie Screening, "On the Basis of Sex"

Date & Time: Wednesday, January 9, 2019, 7PM

Location: AMC Ahwatukee 24

Cost: \$11.29 per ticket

RSVP: <http://bit.ly/2EVhJFN>

Contact: Renee Defeo, eenermai@gmail.com

Description: Join us to see the new movie about the amazing Ruth Bader Ginsburg, "On The Basis of Sex".

This is a special screening requested by SWE Phoenix.

*Need to pre-purchase 25 tickets to ensure this screening will happen.

For more details and trailer of the movie:

<http://focusfeatures.com/on-the-basis-of-se>

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2. SWE-PHX WEBINAR "CREATING POWERFUL PRESENTATIONS", 1/10

Event: Professional Development: Webinar "Creating Powerful Presentations"

Date & Time: Thursday, January 10, 2019, 8PM

Location: Online (live webinar)

Cost: \$10

RSVP: <https://www.eventbrite.com/e/creating-more-powerful-presentations-with-melissa-marshall-tickets-53120044483>

RSVP by January 6!

Contact: president@swephoenix.com

Description: If you missed Melissa Marshall's megasession at WE'18, don't fret! SWE Phoenix is sponsoring our very own live webinar on January 10, 2019, at 8PM. This event will be limited to 100 members, so that we have plenty of time for our questions. Melissa's topic will be "CREATING POWERFUL PRESENTATIONS".

Melissa is a world-class communications expert. See more about her

at <https://www.presentyourscience.com/> and via her TED talk, "Talk Nerdy to Me".

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3. SWE-PHX PROCRASTINATOR'S POTLUCK, 1/12

Event: Procrastinator's Desert Potluck

Date & Time: Saturday, January 12, 2PM

Location: Kadie Gavan's home (7627 N 4th Ave Phoenix, AZ 85021)

Cost: \$0

RSVP: <https://www.eventbrite.com/e/procrastinators-potluck-tickets-53123375446>

Contact: president@swephoenix.com

Description: Food and drinks will be provided. Please feel free to bring a favorite desert while enjoying the company of your fellow women engineers post holidays!

4. SWE-PHX BOOK CLUB, 1/20

Event: SWE-PHX 1st Quarter BOOK CLUB

Date: Sunday, January 20 2019 (Note the date change!)

Time: 3 PM – 5 PM

Location: TBD

Book: *How Women Rise* by Marshall Goldsmith

RSVP: Janelle Bakke, janellecole0@yahoo.com

5. SWE-PHX FUTURE CITIES JUDGING, 1/15 & 1/19

The 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 judge 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.

To learn more about Future Cities, you can visit the website: <https://www.azfuturecity.org>. You will also 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 inform Suzanna when you do so. Judge registration: <https://azfuturecity.org/Start/Welcome.aspx>

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

1) Semi-Finals: **6-8 pm Tuesday, January 15, 2019** at Phoenix Burrton Barr Library, second floor.

2) Finals: **7-11:30 am Saturday January 19, 2019** on Casteel High School – 24901 S. Power Road, Queen Creek, AZ 85142. There is a Judge's Room and announcements at 7:30 am. Parking is at the garage off of Apache (the one near the business school), or at any other metered or open lot.

To be part of the SWE Phoenix Judging team, please visit: <https://azfuturecity.org/Start/Welcome.aspx>, and then please email Suzanna at Suzanna.Cottrell@asu.edu. Thank you!

6. SWE-PHX SPEED NETWORKING, 1/26

Event: Speed Network for the Mentorship Program

Date and Time: January 26th ~ 4 PM to 7 PM

Venue: TBD

Are you a recent grad who is looking for a mentor that can share valuable tidbits of their journey? Or are you an experienced professional that has settled into the industry who would like to guide and encourage others as they start this new chapter of their life? If so, join us for our speed networking event which will serve to connect mentees with mentors! This is a great way to meet potential mentors and see who you are most compatible with. Please see the link below to sign up and contact Diana Serban at secretary@swephoenix.com if you have questions. RSVP is required for both parties due to the structure of the event.

<https://www.eventbrite.com/e/speed-network-to-match-mentees-w-mentor-tickets-53897780713>

7. SWE-PHX SCHOLARSHIP INFORMATION

Every year, SWE-PHX recognizes exceptional engineering students for their academic merit, contributions to the Society, and potential to succeed in the engineering profession. This year, our section will be awarding up to six \$1,000-1,500 direct scholarships for the 2019-20 school year.

Deadline: All application materials must be submitted by **March 1st, 2019**.

Criteria/Eligibility: Must be a current full-time undergraduate engineering student at one of the following accredited universities: Arizona State University, Northern Arizona University, or Embry Riddle Aeronautical University. Must be returning as a full-time undergraduate engineering student for Fall of 2019.

Application Materials/Instructions:

The following materials must be emailed to awards@swephoenix.com by March 1st, 2019.

1. Brief essay on "What does SWE mean to you?" *totaling 300-500 words
Questions to consider when answering this prompt include: What have you contributed to your SWE chapter? What insight have you gained regarding the engineering profession? What transferrable skills have you developed that have impacted your personal/professional growth in engineering?
2. Resume (1-page max.)
Be sure to include your major(s), GPA, and expected graduation date
If you are a registered SWE member, please include your membership ID in the header of your resume
3. Transcript from the most recent term that shows cumulative GPA
4. Proof of registration for the 2019-20 school year (or course plan highlighting the next year's courses)

*It is important to note that you may not be able to access all of the materials required until next Semester; but please start organizing your application early!

Thanks for your time and support. Please let me know if you have any questions/concerns! There is an upcoming **information session** on **January 22**; please see the flyer (below) for more on the information session at this link: <https://drive.google.com/file/d/0B3-RYbZMuhapWEFDUGJtclISVGNscVBIS1p4VmNBNm16eHVZ/view?usp=sharing>

Amanda Levenson
Facilities Engineer
Intel CSAZ | TCM BCD
480.415.9946

Join SWE PHX in an interactive workshop focused on preparing personal statements and short answers that sell your skills/experiences for various scholarship applications!



SCHOLARSHIP APP WRITING

Tuesday, January 22nd, 2019 from 6-7:30pm

At Arizona State University (room TBD)

Live streaming will be available for ERAU/NAU students

Questions? Contact awards@swephoenix.com

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OTHER ANNOUNCEMENTS

8. SWE CHAPTER AT EMBRY-RIDDLE AERONAUTICAL UNIVERSITY (ERAU)

SWE ERAU is looking for speakers to present at their meetings! School is back in session and I'm currently looking for speakers and volunteers for this semester (Jan-May). See the potential topics/dates below. Please email maira.garcia@honeywell.com if you are interested! Their meetings are Mondays at 7pm in Prescott and Maira usually attends so carpooling is an option. Past speakers have given talks on Graduate School, their work, their research, co-ops/internships, etc but the students are open to anything that might be interesting!

2/18

3/25

4/1

4/8

Maira Garcia
SWE Phoenix - ERAU Collegiate Counselor

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9. SWE-PHX CAFÉ PRESS STORE AND AMAZON SMILES

Want a tee shirt that says SWE-PHX on it? Looking for other SWE-PHX swag? Then please take a look at our Café Press store! A small amount of the sale goes to supporting our section. Thanks!

<https://www.cafepress.com/societyofwomenengineersphoenix>

And if you are doing any shopping on Amazon this holiday season, please use the Amazon Smiles website, setting Society of Women Engineers Phoenix as your charity. Happy holidays!

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10. FUTURE CITIES LOOKING FOR SPONSORS

Help us keep the program thriving!!! We **NEED** as much help as possible in competition sponsorship. Please help us reach out to your companies for support. Contact the Future Cities Leadership for questions and information here: <https://futurecity.org/arizona/contact>

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11. WESTSIDE IMPACT SCIENCE AND ENGINEERING FAIR, 3/1 and 3/2

Members have been invited to participate as judges in the 2019 Westside Impact Science & Engineering Fair! There will be posters, projects, and videos and you will be given a rubric to judge. The projects are created by students in grades K-8th grade.

Judges will be given a light dinner. Judging will occur on Friday March 1st from 5-8pm. If you are interested in participating, please email: ksehr@tesd.k12.az.us.

Location: University of Phoenix West Valley Learning Center located at 9520 W Palm Lane, Phoenix, AZ 85037

More information can be found on the flyer link(flyer below): <https://drive.google.com/file/d/0B3-RYbZMuhapX3NnSGNGSEJoNVhmMWxITnFxR1FxbFJTNTJj/view?usp=sharing>



2019 Westside Impact Science & Engineering Fair



General Information

- March 1st and 2nd
Location: University of Phoenix West Valley Learning Center located at 9520 W Palm Lane, Phoenix, AZ 85037
- Levels: Showcase or Competition
- Categories: Traditional Science Research or Engineering
- Projects can be completed individually or in teams of no more than 3 students
- Viewing of projects will be Saturday, March 2nd from 10:00am – 12:00pm

Judging

Teachers, district personnel, and members of the community are invited to judge. Judging is a great professional development and networking opportunity. Judging will occur from 5:00pm – 8:00pm on Friday, March 1st. A light dinner will be provided for all judges. Please send names of interested judges to ksehr@tesd.k12.az.us.

Project Drop Off & Pick Up

- Friday, March 1st between 12:00pm – 4:30pm, call or email Kara to arrange an earlier drop off time
- Projects must have scientific review committee (SRC) approval before experiment begins when experiments involve animals, human subjects, microbes or other hazardous/dangerous materials (link to form [http://azscience.org/assets/SRC_Elementary_JR_Divisions_\(1\).pdf](http://azscience.org/assets/SRC_Elementary_JR_Divisions_(1).pdf))
- Projects must be sturdy and able to stand on their own
- Projects must include the information sheet completely filled out and attached securely to the project
- Projects must be picked up between 12:00pm – 1:00pm on Saturday, March 2nd, 2019
- Projects will be signed in and out by the district representative dropping off and picking up the projects.
- All competition and showcase projects must be registered using the link or QR code below by Friday, February 22nd
- Registration Link: https://forms.office.com/Pages/ResponsePage.aspx?id=TUxxSjWqbkGdzo-ocbN2zhhbTT1fHosNNhp7KTO_VuDpUMDI1VUE2VVJNR1A0T0xVR0EzVTBJOTIaVy4u



- Registration QR Code:

Video Files

- Competition level projects must also have a video. Videos should be uploaded to youtube and a QR code should be visible on the front of the project so judges can access the video. Directions for creating a private YouTube video can be found below.

Westside Impact 2019

Science & Engineering Fair

Students can choose from two categories:

Science Fair Project -or- Engineering Project

Districts can submit projects in **two** different levels:

Competition Level

-or-

Showcase Level

- The grade spans are **K-2, 3-4, 5-6 and 7-8**
- Projects may be completed **individually or in groups of up to 3** people
- Districts may enter up to **6 exemplary projects**
- Projects will be judged based on the science or engineering rubrics, which includes the oral presentation rubric
- Each project must include a video presentation **no longer than 5 minutes**. All team members must participate equally in the video.
Videos must be uploaded to YouTube and QR codes must be affixed to the front of each display board.

- No limit to the number of members in a project group
- Up to **10 projects per school**
- **Projects will not be judged**, but will be displayed to recognize additional top projects from each school and district

Each district must submit a full list of competition and showcase projects to Kara Sehr at ksehr@tesd.k12.az.us by February 22, 2019.

Video Requirement for Competition Level Projects

1. Sign in to YouTube.
2. At the top of the page, click Upload.
3. Select **Upload video**.
4. Before you start uploading the video, you can choose the [video privacy settings](#).
5. Select the video you'd like to upload from your computer. You can also import a video from Google Photos.
6. Set the video privacy setting to Private or Unlisted, just click Done to finish the upload or click Share to privately share your video.
7. If you haven't clicked **Publish**, your video won't be viewable by other people. You can always publish your video at a later time in your Video Manager.
8. You can then use an online QR code generator to create a QR code using the YouTube Video link.
9. Print the QR code out and display it on the front of your project display board.