



June 2019

SWE Phoenix Newsletter



Hello SWE-sters,

Happy Birthday SWE Phoenix! Did you know that SWE Phoenix was chartered in 1964?

The “section” included thirteen members, from Arizona, New Mexico, and northwest Texas. Two years later, the national conference was held in Phoenix at the Westward Ho. The theme was, “Pioneers for the Future”.

Through information available in the SWE Archives, located at Wayne State University, and through the Lucile Kaufman Papers in the ASU Library Archive, some of the history of the founders emerged. “Pioneers for the Future”, indeed:

- Faith Lee: Faith was the founding president. She started her career as an aircraft mechanic in WWII in the Hawaiian Islands, at age 19. She became the first woman to graduate with a BSEE degree from ASU in 1963. She joined Motorola, finished a MSEE, and left for a two-year assignment with Motorola in Italy in 1966 (resigning from section leadership at that point).
- Olive Salembier: Olive was a force field – and the driving force behind SWE Phoenix. She owned her own packaging engineering firm, relocated it from California to Phoenix, and started the work to begin this section.
- Bea Langmade: Bea worked in the lab at Air Research during WWII and during this time earned her pilot's license. After the war, she attended University of Colorado-Boulder, graduating in 1949 with a Structural Engineering degree.
- Lucile Kaufman: In 1938, Kaufman completed a Master's Degree at the University of Colorado. In 1942 she joined the Emerson Electric Co. of St. Louis, Missouri as an instructor for gun turret inspectors. In 1952 she became an Assistant Professor of Engineering at ASU and established the Design-Technology program.

Reading the old letters and newsletters, these themes were constant: develop friendships, create opportunities, and inspire young women to consider engineering careers.

Decades later, the same themes are still with us. Hope to see you this week at the year-end celebration!

Section happenings:

- New Members: We welcomed 15 new members in May, bringing the section to 293.
- Programs and Events for next year (FY20, in SWE-talk): Are you interested in helping with programs and events next year? Do you have ideas about programming that the section should offer? We want you to bring those ideas to the FY20 Planning Meeting! Just want to learn more about section happenings? You are welcome to attend. Watch for the notice of this event in the July newsletter. This event is a Phoenix SWE tradition, and is open to all members.
- WE'19: SWE's annual conference is coming to Anaheim in November! See the conference website for registration information: registration is open now, and hotel rooms are going fast. <https://we19.swe.org/>
- WE Local: In January 2020, San Diego will host a WE Local. Check out the WE Local website for more information.

Barbara Haney

SWE Phoenix President, FY18

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

SWE PHOENIX ANNOUNCEMENTS:

- SWE-PHX College to Career Panel, 7/18
- SWE-PHX 3rd Quarter Book Club, 7/21
- SWE-PHX Summer Bowling, 7/28

OTHER ANNOUNCEMENTS:

- SWE-PHX CafePress Shop and Amazon Smiles
- SWENext Club Starting in West Valley
- Volunteers Needed for National Underwater Robotics Challenge (NURC), 6/28-6/29

SWE-PHX ANNOUNCEMENTS

1. SWE-PHX COLLEGE TO CAREER PANEL, 7/18

Date & Time: July 18th at 6 PM

Location: Intel Ocotillo Campus, 4500 S Dobson Rd, Chandler, AZ 85248 (Room TBA)

Cost: Free

Contact: Diana.Serban@asu.edu

Description: Join us for a night of networking and conversations with professionals that will share their experience about the college to career jump! We will have 3 - 4 panelists from Intel and other companies discuss what the transition was like for them. Our panelists will share what tricks worked for them, how they built relationships with coworkers, and surprising tidbits they learned along the way. Dinner will be served with time for networking afterward. Hope to see you all there!

RSVP is required at <https://www.eventbrite.com/e/intel-college-to-career-panel-tickets-62891122039>

2. SWE-PHX 3rd QUARTER BOOK CLUB, 7/21

Date & Time: Sunday, July 21, 2019 3:00p-5:00p

Location: JoJo Coffee House, 3712 N. Scottsdale Rd. Ste. 110 Scottsdale AZ 85251

Book: Moment of Lift by Melinda Gates

Contact: Janelle Bakke, janellicole0@yahoo.com

3. SWE-PHX SUMMER BOWLING, 7/28

Want to get out for a fun family event? At an inside venue? For a great, low price? Mark your calendar and join us for our annual SWE Family Bowling event! All are invited - bring your kids, your whole family, and friends! All lanes can have bumpers and/or ramps for the kids (or for you, too!)

Date: Sunday, July 28

Time: 1:00p-3:00p

Where: BRUNSWICK ZONE MESA LANES – 1754 W. Southern Ave, Mesa, AZ 85202 (Between Dobson & Alma School, on the north side of Southern Ave.)

Cost: \$8 per person (Thanks to SWE for subsidizing most of the cost!). Price will include 2 hours of bowling, shoe rental, 2 slices of pizza, and unlimited soda.

RSVP: Deadline to register online is Wed, 7/24, by 11:00pm. (We need registrations on or before July 24th because a final count & payment is due to the bowling alley on the 25th, to ensure we request enough lanes.)

Payment: Please sign up and pre-pay at this Eventbrite website:

<https://www.eventbrite.com/e/swe-phx-summer-bowling-tickets-62865568608>

Questions to Lisa Mesias at: 602-769-7664 (cell) or lisa_mesias@yahoo.com

Special Lane Requests: If you have a group that would like to bowl on the same lane, please text or email Lisa Mesias to make that request.

OTHER ANNOUNCEMENTS

4. 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!

5. SWENext Club Starting in West Valley

COMING SOON: SWENext West Valley. This club's goal is to foster girls' interest in STEM by providing a community-based collaborative environment to network with female role models and expand STEM in the West Valley. Part of our objective is to provide a place for girls to connect with other girls in their wider STEM community. As most girls are limited to connecting girls with just those other girls that are at the same school or social club, this club will strive to bring girls from a wider area together to foster a deeper connection to the overarching STEM community and facilitate a feeling of belonging for these girls.

This club will be unique in that we are focusing on developing relationships and not focusing on a single STEM program or activity. Most SWENext clubs tend to focus on a specific activity such as FIRST, VEX, or Future City. By having this club focused on supporting each other, we hope to encourage girls to pursue those STEM interests that most appeal to them

and to empower them to not just pursue that interest but to fulfill that interest and share that activity with others. We hope to facilitate broader awareness of the vast opportunities available to girls interested in STEM. We hope to create an environment for girls to be supported while developing additional clubs which may focus on more specific activities like FIRST, VEX, Future City, or whatever their interest may be.

The long-term objective is to facilitate growth and support of STEM for girls in the west valley and enable girls to not be afraid to pursue an interest even if their school or community is not offering that activity. In addition to providing support to our members, we will also share STEM with the community through outreach at locations such as libraries, schools, summer programs, and more. Outreach activities may include engineering challenges, science experiments, community science fairs, robotics camps, and other activities that our club members are willing to organize and run. We will be holding monthly meetings with our first being on **June 12th in the Waterfall Room at the White Tank Branch Library.**

Email: Kylie Struth at kylie1234@cox.net

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6. VOLUNTEERS NEEDED FOR NATIONAL UNDERWATER ROBOTICS CHALLENGE, 6/28-6/29

Date & Time: Friday 6/28, 8 AM to 6 PM, Saturday 6/29, 9 AM to 8 PM

Location: Arizona State University Polytechnic Campus, Mesa, AZ

Contact: Please contact Fredi Lajvardi (coachfredi@hotmail.com) to sign up or for more information.

Description: The Si Se Puede Foundation (SSPF) is looking for volunteers to help with the annual NURC competition. Positions include tech inspectors, field reset (scuba certification required), battery charging supervisor, work area supervisor, and judges for the field, posters, websites. Volunteers can sign up to help one or more days.