A Message from the President

Breanna Connolly, PE, M.ASCE,
ASCE AZ

This time of year gives us a chance to reflect on the previous year, all the good and bad times, and think about how much we have grown and changed and accomplished. This is also the time when we think about where we want to be in the future and make resolutions that will get us there. Pause for a moment and ask yourself if what you are doing today will get you closer to where you want to be tomorrow. Do you want to be more kind, more forgiving, more healthy, more passionate, more patient, more confident, more present, more honest, more successful, living in a different place, have more meaningful connections?

Once we have clarity on our vision for tomorrow, to keep focus, it may help to think of these “resolutions” as “goals” and follow the 5 factors of making “SMART” goals:

- Specific
- Measurable
- Attainable
- Relevant
- Time-bound
Specific  
Measurable  
Achievable  
Relevant  
Time-Based  

While we laugh about how quickly many fall off course, it's important to remember even if we lose sight for a day, week or month, it's never too late. The important part is how we challenge ourselves to be better than we were yesterday. Whatever it is that you want to achieve, “carpe diem, quam minimum credula postero,” (Seize the day, put very little trust in tomorrow).

Our Section Treasurer, Karl Rockwell, PE, ENV SP, proves it's never too late by sharing with us his recent achievement of hiking into the Grand Canyon to the Kaibab Bridge. The bridge was dedicated by ASCE as a National Historic Engineering Landmark in February 2019. The original dedication hike was to be held in conjunction with the dedication ceremony, but was called off due to inclement weather.

Karl along with ASCE member Yugantha Yasanayake, P.E., completed their hike on December 5, 2019. Karl remarks, “There is no substitute for visiting this historic monument in person to truly appreciate the design and construction ingenuity, as well as human toil and sacrifices that went into this world class civil engineering project.”

Section Treasurer, Karl Rockwell hiked into the Grand Canyon to the Kaibab Bridge

For more information visit the Calendar.
Recap of November Luncheon

At the November 20 joint ASCE-APWA AZ luncheon, Tony Belleau, City Tempe Streetcar Project Manager, and Luis Mota, PE, Streetcar Project Manager for Valley Metro, provided an overview of the $201 million three-mile project, including the vision, drivers, funding, project delivery method, relationship to Valley Metro Rail, economic development, and lessons learned. One hundred and twenty-one were in attendance.

Holiday Party Review

On December 12, twenty-five attended the Phoenix Branch and YMF co-hosted Holiday Party at O.H.S.O. Brewery+Distillery. The food was fantastic. It was a great opportunity to meet and network with fellow professionals.

Branch Awards

The Phoenix Branch is soliciting nominations for the following awards:

ASCE Phoenix Branch Government Civil Engineer

This award is presented annually to a distinguished civil engineer employed in the public sector, located in Gila County, Maricopa County, or Pinal County. The nominee must be an ASCE member.
in good standing and preferably a licensed professional engineer. Qualifications of the award nominees will be judged on the following:

- Sustained outstanding civil engineering performance in the public sector.
- Evidence of high character and professional integrity.
- Civic and humanitarian activities.
- A minimum of 15 years in public service as a civil engineer.
- Five of the 15 years at the senior administrative level.
- Currently employed in the U.S. public sector at the time of application submittal.
- Participation in ASCE.
- Letters of recommendation.

**ASCE Phoenix Branch Project of the Year – Small and Large**

This award is presented annually to one project with total design and construction cost under $10 million and one project with total design and construction cost equal to or greater than $10 million. Projects must be substantially completed in 2019. Qualifications of the project award nominees will be judged on the following:

- Engineering significance.
- Implementation of innovative engineering and construction techniques.
- Impact on quality of life and improvement of the performance of the infrastructure.
- Use of ASCE programs such as the Envision Rating System.
- Letters of recommendation.

Nomination packets are due January 6, 2020.


Any questions, please contact Skye Gentile.

**January Luncheon: Geotechnical Solutions Across the Valley of the Sun**

Date: January 8, 2020  
Location: Gateway Community College, Building MA, Room MA1100  
108 N. 40th Street, Phoenix, AZ 85034  
Time: 11:30 AM to 1 PM  
Speakers: Joe Jannuzzi, PE, Project Manager with Case Foundation Company, and Thayne Harris, Arizona Area Manager with Hayward Baker.

The presentation will include the installation of drilled shafts for the ADOT Loop 202 South Mountain Freeway project, as well as different techniques used and challenges overcome on this project and other projects in the Phoenix metro area.

For more information contact Larry Hanson at 480.231.4023.

Advance registration required.

**Volunteers Needed to Judge Future City Competition**
VOLUNTEERS NEEDED!! The Future City Competition for the 2019/2020 season is underway and the ASCE Phoenix Branch is in need of volunteer judges to help grant the **ASCE Sustainable Infrastructure Award** to a middle school team who exhibits exceptional sustainability concepts into their future city design. The theme this year is **Clean Water: Tap Into Tomorrow**. The judging will be performed the week of January 19th for 2-3 hours at the Burton Barr Library in Phoenix. Please contact Andrew Chill or 602-678-3468 if you are interested in participating.

**February Luncheon: City of Mesa Signal Butte Water Treatment Plant**

Date: February 12, 2020  
Location: Gateway Community College, Building MA, Room MA1100  
108 N. 40th Street, Phoenix, AZ 85034  
Time: 11:30 AM to 1 PM  
Speakers: Lance Webb, PE, and Jesse Haywood, PE, City of Mesa

This project was selected as ENR Southwest’s 2019 Best Project in the Water/Environment category. The presentation will include an overview of the design and construction of the 24 million gallon per day surface water treatment plant, challenges, and lessons learned. The $126 million project was delivered using CMAR, with construction completed in 2018.

For more information contact Larry Hanson at 480.231.4023.

Advance registration required.

**ASCE High School Club**

The Phoenix Branch is working with the Chandler Hamilton High School Civil Engineering Club. Branch Outreach Chair, Andrew Chill, PE, is leading this outreach effort. If you are interested in finding out more about this effort and/or would like to work with Andrew, please contact him.

**Phoenix Branch YMF News**

**New Chair Position - PE Review Course Proctor**

YMF is looking for candidates interested in proctoring the yearly Spring and Fall YMF PE Review Course classes. The Chair will work with the YMF Board to schedule and manage the classes for course registrants.

Expected commitment is approximately 18 afternoons a year, 9 each in the Spring and Fall. In addition to holding a YMF Chair position, the PE Proctor position will be PAID!

If you would like to submit your name for consideration, or have any questions about the position requirements, please contact Andrew Moreno.

**Southern Arizona Branch YMF December Announcements**

**Happy New Year!**

May this year be an even better one, fill with much love, care, accomplishments, adventures and great memories. Enjoy the little moments and celebrate the big ones.

Here’s a toast to the future, a toast to the past, and a toast to our supporters, far and near!!!
Thank you for all that you have done by donating, volunteering and just helping the next one in line!

Happy New Year :) 

23rd Annual Sunstroke Golf Tournament

Help the ASCE SAB YMF scholarship fund that benefits The University of Arizona, Civil Engineering Students. Your tax deductible sponsorship not only benefits the students, but it is also a great way to gain visibility for your company, reward your staff, or have a great day with friends!

Title Sponsorship • $1000
- One (1) foursome of players with gift bags and lunches provided.
- Company logo displayed in all advertising, such as, website, social media, flyer, posters, emails and more.

Foursome • $500
- Four (4) players with gift bags and lunches provided.

Tee sponsorship • $250
- Company logo at the tee box.

Special Package • $650
- Four (4) players with gift bags and lunches provided.
- Company logo at the tee box.

Raffle Sponsorship • $250
- Company logo at the prize table.

Food Sponsorship • $300
- Company logo at a food table.

Single Player • $150
- One (1) player with gift bag and lunch provided.

Register Here

Save the Date for E Week

2020 Engineering Week is an nationwide week of celebration.

Multiple organizations come together to organize events giving you the opportunity to celebrate with us by attending and/or volunteering.

E-week will take place during February from the 16th to the 22nd.
For more information visit our website.

Nominations are now been accepted for the following categories:
2020 Young Engineer of the Year

The Southern Arizona Young Engineer of the Year may be awarded to any Engineer with outstanding contribution to the profession, society, and their communities, and is 35 years old or younger.

Information might include:
- Involvement in professional organization.
- Outstanding service to the public either as a public employee or as a consultant working on a public project and/or outstanding service to a private sector client.
- Meaningful community service project.

2020 Educator of the Year

The Southern Arizona Educator of the Year may be awarded to any engineering education, especially in the mentoring of students and young engineers. Categories: (K-8, Secondary, and Post Secondary)

Information might include:
- Commitment to education.
- Meaningful research that has produced a public benefit.
- One who has made unusual contribution to public welfare.
- A candidate whose professional integrity and ethics are beyond question.
- A candidate whose professional reputation is well known to the engineering community.
2020 Engineer of the Year

The criteria are intended to allow a great deal of flexibility in the selection of an appropriate awardee. The Southern Arizona Engineer of the Year may be awarded to any person who has contributed significantly to the field of engineering in Arizona. The candidate must be an Arizona resident, registered professional engineer in the state of Arizona, and have projects based in Arizona.

Information might include:
- Outstanding and/or unusual contributions to the engineering profession.
- Professional integrity, character and reputation.
- Technical knowledge and quality of work.
- Professional attitude and behavior.
- Community service.
- Include any available letters of endorsement from employer, peers, regulating agencies or others in the engineering community.

Visit our website to download the nomination forms: [https://sabymf.weebly.com/upcoming-events.html](https://sabymf.weebly.com/upcoming-events.html). Forms are located under "Upcoming Events" in the month of February.