

# VALLEY ENGINEERING, SCIENCE & TECHNOLOGY CLUB

January 2021 NEWSLETTER

[www.engineersaz.com](http://www.engineersaz.com)

The Engineers Club is a social organization which meets monthly for lunch with a speaker on a topic of interest. Spouses and guests are invited and many attend regularly. Short field trips are occasionally scheduled. Membership is open to anyone who has worked in or has an interest in Engineering, Science or Technology. Meetings are held at 11:30am on the first Friday of each month (unless otherwise noted), October through June, at Briarwood Country Club, 135th and Meeker in Sun City West, AZ. Currently we are not meeting in person, but are continuing monthly programs by Zoom.

## JANUARY 8 PROGRAM

Sky Harbor Airport

City of Phoenix Aviation Department



Heather Shelbrick  
Public Information Manager,  
Public Relations Department within the  
City of Phoenix Aviation Department

Heather Shelbrick is the Public Information Manager for the City of Phoenix Aviation Department, which includes Phoenix Sky Harbor International Airport and two general aviation airports Phoenix Deer Valley and Phoenix Goodyear. Heather is responsible for overseeing media relations, the department's websites, social media, video production and printed material. With more than 16 years of experience in the public relations industry, Heather has worked in the Aviation Department since 2007. Her previous work includes corporate communications for a financial services company and an airline. She holds bachelors' degrees in telecommunications and history from Indiana University and a master's degree in communications from the Johns Hopkins University. Heather is chair of the Advisory Council for USO Arizona as well as a member of the Airport's Council International – North America's (ACI-NA) Marketing and Communications Steering Group.

At the January 8th Zoom Meeting, she will talk about over \$1 Billion of new construction projects at Sky Harbor Airport, the airport's operations during the COVID-19 pandemic, new amenities and airline routes and other related projects for the City of Phoenix Aviation Department.

## V.E.S.T. SCHOLARSHIP UPDATE

By Jim Schlenvogt – VEST Club  
Scholarship Committee Chairperson

For the academic year 2020-2021, we awarded two student scholarships, one \$3,000.00 scholarship and one \$1,000.00 scholarship. The first scholarship was awarded to Allan DeBoe who attended the December Zoom meeting and discussed his plans in Software Engineering.

The Second VEST Scholarship was awarded to Donovan Bowler - Industrial/ Mechanical Engineering - May, 2020 GCC Graduate, GPA=3.581, who is attending ASU in 2020/2021. The scholarship of \$1000 will be awarded in January, 2021.

Donovan Bowler is scheduled to attend the January 8, 2021 VEST meeting to provide more information on his backgrounds and to thank the VEST Club for their 2020-2021 scholarship donations.

Donovan was the first in his family to attend college and with a goal to obtain an engineering degree. He is GCC Honor Student and a member of the Phi Theta Kappa (PTK) International Honor Society. In addition, Donovan has participated in several community services projects and organizations. Donovan was raised by a single mother and he soon had to become the man of the house for his younger brother and to assist his mother. This has developed his life goals and his desire to obtain an engineering degree at ASU.

If we are to continue as a club with one of our goals of awarding annual scholarships, we must plan to augment the VEST Scholarship Fund, since only half of the 2021 dues (\$12.50 per person) and the 50/50 Raffle net revenue (average about \$70.00 / meeting) goes directly to scholarship. However, with only the Zoom Meetings we are unable to have the 50/50 Raffle.

The VEST goal each year is to award at least one \$3,000 scholarship and if additional money is available, to award additional scholarships to worthy students. We continue to accept additional scholarship donations. For additional information see the VEST web site at [www.engineersaz.com](http://www.engineersaz.com) within the Scholarship section or contact one of the VEST Scholarship Committee members. Your support of the VEST Scholarship Fund is greatly appreciated by the deserving students!



# VALLEY ENGINEERING, SCIENCE & TECHNOLOGY January 2021 NEWSLETTER

## 2021 OFFICERS

President	Steve Sumner
Vice President	Jim Schlenvogt
Secretary	Marilyn Dumond
Treasurer	Carol Mungas
Asst. Treas.	Dave Campbell

## COMMITTEE CHAIRPERSONS

Programs	Peter Rauen & Jim Schlenvogt
Membership	Philip Main
Reservations	Philip Main
Luncheons	Peter Rauen
Scholarship	Jim Schlenvogt
Member at Large	Peter Rauen
Member at Large	David & Susan Whitehouse
Newsletter / Website	Dave Campbell
Event Audio	Hal Lind
Event Computer	Paul Scherer
Publicity	Lance Berglund
Field Trips	Open
Hospitality	Doris Palmer

Email the Board at: [board@engineersaz.com](mailto:board@engineersaz.com)

## 2021 MEMBERSHIP DUES

Dues for 2021 are \$25.00 of which half goes to the Scholarship Fund. Please mail your dues check, made out to VEST, to the address below.

If you still have some stimulus money, the **Scholarship Program is looking for donations**. Make out your check to VEST and put "Scholarship Program" on the Memo Line and send it to the address below.

Philip Main  
[maintwin3@gmail.com](mailto:maintwin3@gmail.com)  
17604 N Buntline Drive  
Sun City West, AZ 85375-5148  
623-748-8222 (Home)  
623-826-0101 (Cell)

## FUTURE MEETINGS

Your Program chairs are hard at work on programs for the spring. They are planning on bringing you presentations from Sun Health Research Institute , a virtual tour of TGen and an opportunity to view a Luke Air Base Virtual Presentation. Stay tuned for details.

## TREASURER'S REPORT DEC 2020

General Fund Balance:	\$ 9,261.01
Scholarship Fund:	\$ 2,500.00
Membership Total:	81

Don't forget to renew your membership for 2021. Mail \$25 checks to Phil Main at 17604 N Buntline Dr Sun City West, AZ 85375

## 2021 VEST MEETING DATES

January 8, February 5, March 5, April 2,  
May 7, June 4, October 1,  
November 5, December 3

## HAVE IDEAS FOR A SPEAKER OR PROGRAM?

If you have recommendations for monthly VEST meeting **speakers or programs** please contact

Pete Raun: [peterauen42@gmail.com](mailto:peterauen42@gmail.com) or

Jim Schlenvogt: [js3820@msn.com](mailto:js3820@msn.com)

Please provide the contact information for the potential speaker.

## DECEMBER 4 MEETING SUMMARY

During the December 4 Zoom meeting, those attending re-elected the existing Board members and added Jim Schlenvogt as Vice President. Thanks to all the Board members for their service to VEST. Members also had a chance to listen to Allan DeBoe, 2020 scholarship winner, discuss his educational and career plans in Software Engineering. It is enlightening to hear from the future generation of engineers!

Members enjoyed a suburb program on the Surprise Economic Development Department AZ TechCelerator by Julie Neal, Economic Development Coordinator for the city of Surprise. Julie described how the incubator came to be, how it operates self sufficiently to support development of technical jobs in Surprise, and some of the companies using incubator resources in the past and present. Presentations by two existing companies followed.

Hannah, a biomedical engineer and Co-founder of ReSuture, gave a fascinating presentation on materials and platforms to permit surgeons to train on procedures that are replications of real life surgery. Mr. Glenn Fletcher from Efficient Thermal Energy then discussed a new thermal energy unit to provide a cost effective, renewable energy source that can provide usable water in remote and arid regions and industry.