



# SAABE TIMES

A publication of the San Antonio Association of Building Engineers

May 2018

Mark Your Calendar

## RSVP FOR THE MAY LUNCHEON IS CLOSED

The next General Membership Meeting of the San Antonio Association of Building Engineers is set for 11:30 am on THURSDAY, MAY 17, 2018 at the Embassy Suites San Antonio Northwest, located at 7750 Briaridge, San Antonio, TX 78230.

BOMI INTERNATION WILL BE PRESENTING

REMINDER: 2018 DUES MUST BE PAID TO ATTEND

IF YOU MISSED YOUR CHANCE TO RSVP, PLEASE EMAIL [SAABERSVP@GMAIL.COM](mailto:SAABERSVP@GMAIL.COM) TO SEE IF WE HAVE HAD ANY CANCELLATIONS.

If you must cancel your RSVP, please email our Association Manager at [saabetx@gmail.com](mailto:saabetx@gmail.com) BY MONDAY MAY 14TH AT 5:00PM so we can cancel your meal. Cancellations received after this time will still be invoiced.

RSVPs are REQUIRED, so we can be sure to have enough meals on hand!

## Many thanks to our Vendor Sponsors!

### Master Level

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Western Waterproofing

### Journeyman Level

Fox Service Company

Gerloff Company

**PLEASE READ:  
IMPORTANT  
MESSAGE**

AS A REMINDER, DUE TO THE SAABE PICNIC THERE WILL BE

**NO JUNE MEMBERSHIP LUNCHEON!**



13TH ANNUAL

SAABE / PHIL ANDERSON MEMORIAL  
PICNIC

Date: Saturday, June 9, 2018

Time: 10 am to 5 pm

**Please Note Venue Change**

Location: Castroville Regional Park

JOIN US FOR FAMILY FRIENDLY FUN, FOOD, GAMES AND DOOR PRIZES! ALL AGES WELCOME. THE EVENT IS FREE FOR EXISTING SAABE MEMBERS AND THEIR IMMEDIATE FAMILY OR ONE GUEST.

**MORE DETAILS AND RSVP  
INFORMATION TO COME!**



## 13TH ANNUAL SAABE / PHIL ANDERSON MEMORIAL PICNIC

Saturday, June 9th, 2018

11:00 AM until the fun ends!

Castroville Park: Large Pavilion 816 Alsace Street

Castroville, TX 78009

JOIN US FOR FUN, BBQ AND GAMES, INCLUDING THE SAABE HORSESHOE TOURNAMENT! RELAX WITH FRIENDS AND FAMILY WHILE ENJOYING SOME GREAT FOOD!



### Sponsorship Levels

#### Whole Hog Sponsor \$500

- 3 month full page ad in SAABE newsletter
- Logo on Website home page
- Table top print outs
- Luncheon recognition
- 2 free picnic attendees

#### Thrill of the Grill Sponsor \$400

- 2 month full page ad in SAABE newsletter
- Luncheon recognition
- 2 free picnic attendees

#### 3 Little Pigs Sponsor \$300

- 1 month half page ad in SAABE newsletter
- Luncheon recognition

#### Ale Yeah! Sponsor- (Drink sponsor)

If you are interested in participating, please contact Lauren Littlefield at 210-352-0976 or [LLittlefield@BMSmanagement.com](mailto:LLittlefield@BMSmanagement.com)

#### Half Hog Sponsor \$250

- 1 month quarter page ad in SAABE newsletter
- Luncheon recognition

#### Getting Piggy with it Sponsor \$200

- Luncheon recognition
- Event recognition

#### Holy Smokes Sponsor \$100

- Event recognition

#### Ring of Fire Sponsor- Door prize Providers

#### The Fourth Course Sponsor- (Dessert Provider)

#### A La Carte Sponsor (Sides sponsor)



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Saturday, June 9th, 2018

11:00 AM until the fun ends!

Castroville Park: Large Pavilion 816 Alsace Street

Castroville, TX 78009



\*\*\*NEW THIS YEAR\*\*\*

We will be hosting the BEST of the BEST! Do you have what it takes?!?!

#### Balloon Toss Sponsor: \$100

- Recognition at event and at future luncheon

#### Horse Shoe Tournament: \$200

- Recognition at event and at future luncheon, will present winner of the tournament

#### Three Legged Race: \$100

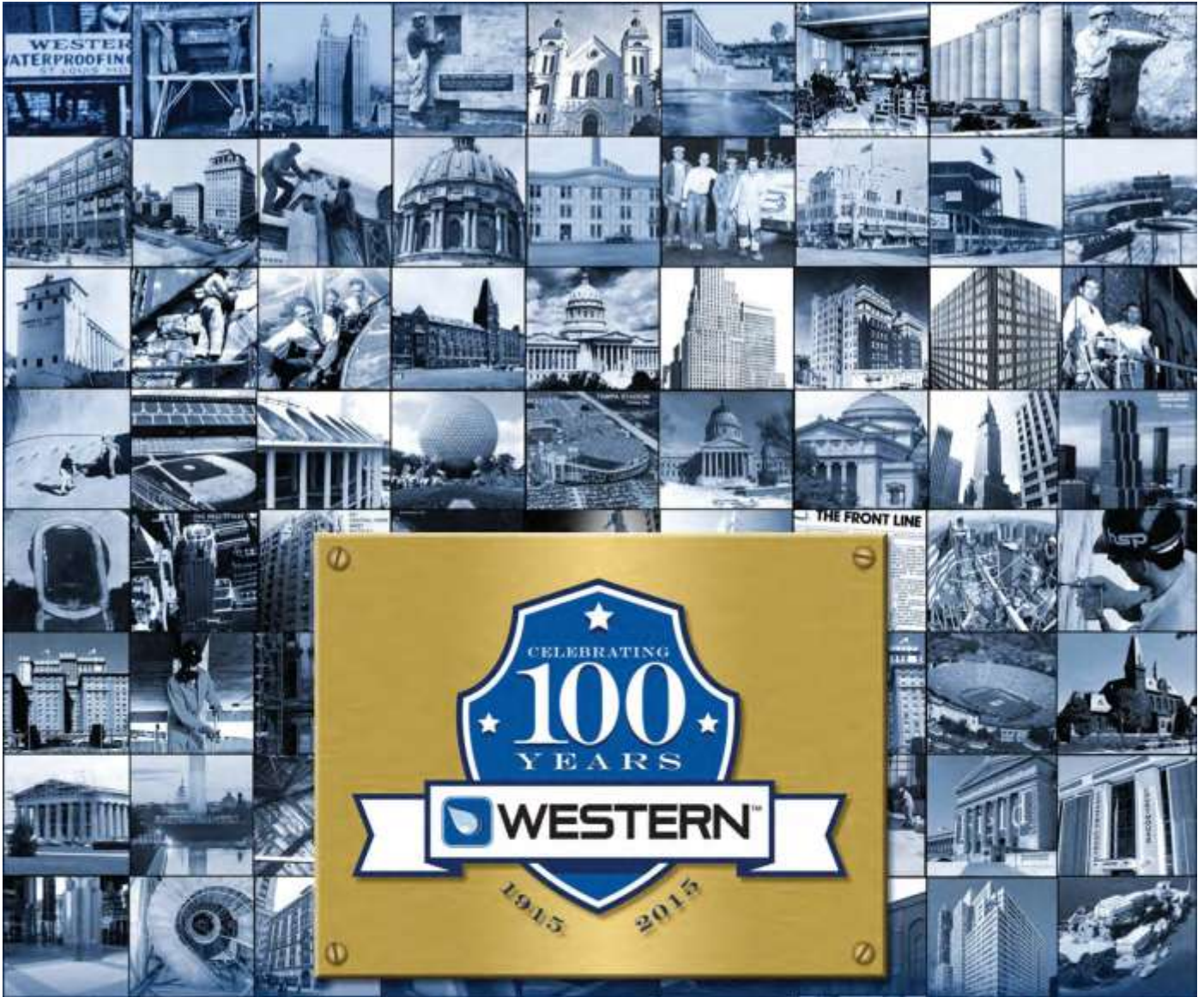
- Recognition at event and at future luncheon

### Maintenance Mania

Can you and your team change the ballast in a light fixture fast? What about a water heater or HVAC filters? We will be putting your skills to the test. Who will take the cake??

If you are interested in participating, please contact Lauren Littlefield at 210-352-0976 or [LLittlefield@BMSmanagement.com](mailto:LLittlefield@BMSmanagement.com)





## WE'VE BEEN BUILDING UP TO THIS MOMENT FOR OVER A CENTURY.

My, where does the time go? For the past 100 years Western Waterproofing has restored some of the greatest buildings and landmarks all across our great nation. And now, after a century of unsurpassed excellence, we turn to reinvent ourselves. To offer a wider variety of specialty services to an even wider variety of industries, Western Construction Group's five member companies, and 30+ branches, will now be known as Western Specialty Contractors. Although our name may have changed, our dedication to quality service and our employees will never waiver. For the next 100 years and many more to come.





## Above the Ceiling

by Robert Andrews, SAABE President

Jumping to conclusions has been a recent conversation in my life. This can be detrimental in both the personal and professional fields. One quick example of this is a leak that I have been chasing for almost three weeks now. Since taking over our main building in 2010 we have experienced water flow in our front lot after every heavy rain or over irrigate. I have attributed this to the landscape being of higher elevation than the concrete so it just made sense. In this instance the conclusion jumped to was correct.

However, after a rain event, the flow of water started as expected, but didn't stop after a few days as it typically would. The normal trouble shooting of rechecking the irrigation lines gave us no reduction in flow, so we continue checking all lines and finally found the problem 15 feet downhill from where the symptoms appeared. Not only did I incorrectly assume that the water flowing on top of the concrete was from the rain, but I also assumed that the leak would be above or at least in line with the flow of water. In this field you never know what you're going to find, and occasionally when you do find them you still aren't sure of what you're looking at. Head scratchers are a source of joy for me though and a big reason I have been in the field for as long as I have. From this I have relearned to remain vigilant, and to methodically diagnose issues as they come up. It's too easy to simply adjust the temperature up in an office when the cold complaint comes out, but what if the actuator linkage broke and that's why it's so cold. Never assume, it's an easy fix!

Hopefully you aren't jumping to the conclusion that the SAABE June meeting will be in its normal space at Embassy suites. For June the membership meeting is held at the picnic which is located this year at Castroville Regional Park. Don't let the little bit of a drive put you off though. We are actually closer to central San Antonio than last year, with more space, more activities, but keeping the same great BBQ and comradery. I hope to see you there!



## SAABE JOB BANK

Looking for a job? Know a great Engineer who will be a great asset to San Antonio building?



Check out the SAABE Job Bank on our website:  
[www.saabe.org](http://www.saabe.org).

Have a job position to fill? Email your job posting and contact information [saabetx@gmail.com](mailto:saabetx@gmail.com) to get your listing on our website!

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## The Education Corner

by David Ellis, Education Director

**Drones** may well be the next tool used by Engineers, Management and Owners for due diligence and for “conditional evidence” in Property Matters and Litigation...

The advancement in this area of air crafts yes, air crafts according to the FAA and its approach taken has been all but neglected except by the novice, hobbyists, professionals and the interested. In a nut shell you better have an electronic log of your flights **and I'm not talking 'notes'**. If your 'craft' does not have this 'digital' ability you're less likely required to get your 'tail-number' from mandatory registration of your craft with the FAA. The fines can be steep for not following the FAA rules when flying, even when you can't believe it's happening to you with your new toy, remember it may be now YOUR air craft.

Rule of thumb, if your craft weighs more than two sticks of butter, you should register it with the current FAA Rules. Less than that, **have fun but sustained flight with the craft will be next to mission imposable. If the now "air craft" you just bought is over that weight and can't keep flight routes, altitude, speed, 4K video/Stills—streaming with direct connection of up to at least 14 GPS satellites and do tons of other really fancy things—don't buy it, rent it.**

Owning an array of RC crafts both air and ground over the years and even back when they had guild wires to fly them in circles THIS is the best thing yet! I could not believe the technology built in to these little machines. Just the automation programing is unbelievable. Most overhead videos seen on TV and movies are now shot with them—much cheaper than a helicopter with pilot.

Did you know that more than likely you will have to provide the GUI, like your phone or tablet of your choice—and install the app for the controller/camera function and, oh and storage memory should also a consideration on your chosen device.. With this the files are **Fat at 4K...** But heck with all us engineers all it takes is curiosity to make the leap, **that's what we do** when we need to figure things out while expanding our knowledge.

Now having over a million feet of flight logs over the last few months with my *hobby craft* I would be happy to share or answer questions about what I have learned as a Drone Hobbyist. Most importantly how to use the camera as well as how to air travel with it, out of country travels and related tips one should know to avoid unneeded situations or unexpected costs. Transportation and Aviation information is all about FAA regulations regarding carrying or storing batteries on different flights and destination rules. Be careful not to enter a country/place, which might not allow Drone use unless you pay the bounty, sometimes half the cost of air craft, and fees for every flight. (Flight Log!)

### Hip Pocket Share:

Now, here is one:

How far this Drone named *hobby craft* can fly?

- 1 Mile
- 2 Miles
- 6 Miles
- 8 Miles

How fast is this Drone?

- 10+ MPH
- 20+ MPH
- 30+ MPH
- 40+ MPH

Drone can fly up to what altitude ceiling?

- 200ft
- 400ft
- 4000ft
- 16000ft

All answers should be listed in an email to [David.Ellis@Transwestern.com](mailto:David.Ellis@Transwestern.com) in the format below, examples:

- 1-20-400 or
- 6-40-4000 etc.

Winner with the most correct answers will receive a personal flying lesson with this drone to take pictures of their Building or Property, FAA permitting. (Site substitution considered, personal home/ranch, personal family occasion) All pictures will be transmitted digitally at full size.

GET your CBE with SAABE!

SAABE 2018 now offers training sessions in many areas. Most every member should qualify to sport the CBE Certification, got yours? Check our website SAABE.Org. Don't have your membership shortened or your job end because of Tempus Fugit. There are now training options to fill those gaps.

[Click](#) here and just hit send if you read this article.

Call *David Ellis*, Education Director at SAABE today to help clear the way to your CBE!



## SAABE SPOTLIGHT

by Justin Titus

### **Roland Trevino**

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300 Convent, Ste. 2430  
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210-225-4000  
[rtrevino@patrinely.com](mailto:rtrevino@patrinely.com)



### **Tell us about yourself.**

I was born and raised in San Antonio, and graduated from John Jay High School. After High School I attended St. Phillips College. I have one sister who is 15 years my younger. Professionally, I have been in the engineering trade for over 20 years. I did the hotel thing for two years, I had recently gotten married and started my new family. It was then that I realized in the hotel business, you're most needed at night, weekends, and on holidays. So...I began to look for a job that allowed me to spend more time with my family. I landed downtown at the Alamo National Bank building as an apprentice that rotated around 7 properties. Four buildings were located downtown and three in the suburbs. Euro Alamo Management sent me to school and helped me achieve goals and certifications in HVAC, Controls, Electrical, Welding and the taught me three rules of plumbing. Hot is on the left, paydays on Friday, and never stick your fingers in your mouth. After Euro Alamo sold all their properties in San Antonio, I went to work at the Northwest Center for 7 years with Griffin Partners. In 2012 Westdale purchased that property and I stayed there for 18 months. In December 2014, I was asked by Griffin Partners to come downtown and oversee their latest acquisition, The Bank of America Plaza. The building was purchased last summer by USAA Realco and the Patrinely Group. This puppy is 542,835 square ft. of Class A Prime USDA CHOICE CUT BEEF.

### **How long have you been a member of SAABE?**

I have been a member of SAABE for 12 years and have earned my CBE designation. I really enjoy the networking opportunities and the organizations passion to drive education.

### **Family and Children?**

I have been married for 20 years and we have 5 children, 3 girls and 2 boys.

### **What hobbies keep you busy?**

In my free time I love spending time with my family and attending the extracurricular activities with the kids, such as softball and band events.

### **What Advice would you share with those thinking about joining SAABE?**

Jump in with both feet, join SAABE, and learn something.

### **What is the best vacation or favorite place you have ever been to?**

My family and I love Colorado, it is an absolutely beautiful place.

### **If you could do anything you wanted and money was not a factor, what would you do?**

Spend as much time with my children as possible.

# Get Involved

WANT TO SEE SAABE IMPROVE AND GROW? HAVE SOME IDEAS ON WAYS WE CAN IMPROVE AND INCREASE OUR MEMBER BENEFITS?

GET INVOLVED! SAABE IS ALWAYS LOOKING FOR ENGINEERS AND VENDORS TO GET INVOLVED, PROVIDE FEEDBACK AND IDEAS FOR WAYS WE CAN MAKE OURSELVES BETTER!

IF YOU ARE INTERESTED IN PROVIDING INSIGHT, GIVING IDEAS AND SPENDING TIME HELPING OUR ORGANIZATION, CONTACT OUR ASSOCIATION MANAGER AT

[SAABETX@GMAIL.COM](mailto:SAABETX@GMAIL.COM).



## Check it Out!

CURIOUS ABOUT CBE?

Not sure what it is? Not sure if you would qualify?

CBE STANDS FOR CERTIFIED BUILDING ENGINEER AND BASED ON EXPERIENCE, YOU CAN RECEIVE CERTIFICATION FROM SAABE. THIS CAN HELP YOU IN THE SAN ANTONIO INDUSTRY.

CHECK OUT SAABE.ORG ON THE MAIN PAGE FOR

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Association of Building Engineers

SAABE TIMES

May 2018

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*Final Thought:*

“The individual who said it is not possible should move out of the way of those doing it.”

- Tricia Cunningham

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