

# Fort Worth CIVIL Engineer

Fort Worth Branch ASCE Newsletter

vol. 15 iss. 1  
fall 2021

## LETTER FROM THE PRESIDENT

Dear Fort Worth ASCE Members,

Here we are a couple months into the 2021-2022 board year and what a difference it has been! From remembering what it is like to talk in person in front of people, to trying to manage hybrid meetings. We have big things to celebrate this year, including a joint meeting with Dallas that raised \$1,900 for the Tarrant County Food Bank, supporting Abilene Christian University in setting up a student chapter, and being represented at the Section level with Travis Attanasio, PE serving as the Texas Section President!

Our 2021-2022 Board, listed below, met back in August to kick-off our stellar year ahead. Luncheons for the year have been planned and we have started revising our Bylaws. This will guide us to develop quality programming and provide a welcoming environment to expand your network.

**Jeff Philipp, PE**, *Teague Nall & Perkins* – Vice President  
**Derek Baker, PE**, *Pacheco Koch* – Treasurer  
**Allison Stamper, EIT, CFM**, *Jones & Carter* – Secretary  
**Lindsay Lafferty, PE**, *Baird, Hampton & Brown* – Director  
**Jonathan Zimmerer, PE**, *North Tarrant Infrastructure* – Director  
**Amanda Quisenberry, PE**, *Aguirre & Fields* – Director  
**Kameron Boggan, EIT**, *TranSystems* – Texas Section Director  
**Andrew Wilson, PE, CFM**, *DeOtte* – Immediate Past President

I want to say a special thank you to the 2020-2021 Board and committee members for keeping ASCE a priority in an ever-changing landscape. I am looking forward to the upcoming year, reconnecting, and meeting you all in person.

PS: Be on the lookout for the annual Golf Tournament registration. We now have 3 schools we will be granting scholarships to: UT Arlington, Abilene Christian University, and Tarleton State University. The Golf Tournament is the event of the year that helps us raise these funds! Mark your Calendar for April 11, 2022.

Regards,  
Andrea Taylor  
ASCE Fort Worth Branch President

## UPCOMING EVENTS

### Branch Meetings:

November 18, 2021  
Joint Meeting with UTA  
Speaker TBA

December 13, 2021  
Reata Restaurant  
Speaker TBA

January 3, 2022  
Joint Meeting with SAME  
Speaker TBA



# Meetings From the Previous Quarter

## ***September Branch Meeting***

Location: Reata Restaurant

Speaker: Travis Attanasio, PE and Kimberly Cornett, PE

Topic: Texas Section Report

Attendance: 50



## ***October Branch Meeting***

Location: Reata Restaurant

Speaker: Tommy Williamson of North Tarrant Infrastructure

Topic: North Tarrant Express I-35W Segment 3C Project

Attendance: 68

## **Continuing Education Opportunities**

**ASCE Fort Worth Branch | November 15 | in-person**

The Fort Worth Branch will be back and in-person!

**TSPE Fort Worth Branch | November 4 | in-person or Microsoft Teams**

TSPE Fort Worth also caters to civil engineers. Visit [www.tspefortworth.org](http://www.tspefortworth.org)

Visit <http://branches.asce.org/ft-worth>

**ASCE Dallas Branch Meetings | November 8 | in-person**

The Dallas Branch is back in-person. Visit <https://dallasasce.org/news.php>

**TBPELS Ethics Webinars | Ongoing**

The Texas Board of Professional Engineers and Land Surveyors continues to host free ethics webinars on a near monthly basis. Register here: <http://www.tbpe.texas.gov/webinars.html>

**ASCE Texas Section Webinars | Ongoing**

Upcoming webinars: November 9 (Introduction to Airport Design)

Visit <https://www.texasce.org/events/category/webinars/>

**ASCE National Webinars | Ongoing**

ASCE National allows all paying members access to 10-hours of PDH webinars, with over 200 on-demand webinars from which to choose.

Visit <https://sa360.asce.org/ASCEWebApp/Benefits/Membership/Freeondemandwebinars.aspx>



# EIT Spotlight: Christian Delgado

This section highlights viewpoints from budding future civil engineers. This issue features **Christian Delgado, EIT** — here are a few facts to help you get to know her a little better!

**What company do you work for?** Teague Nall & Perkins in land development and occasionally municipal projects.

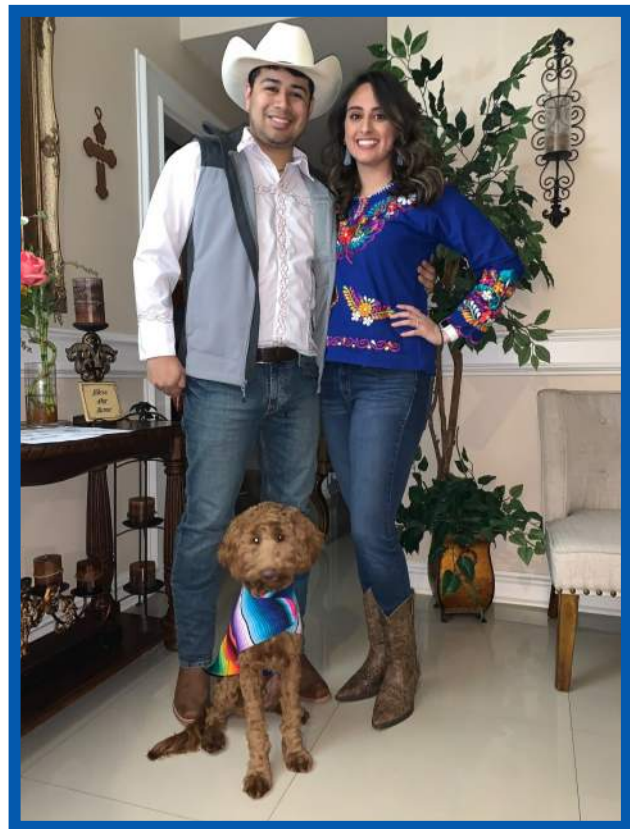
**What is your role in ASCE?** I am currently the Fort Worth branch younger member co-chair.

**What college did you attend?** UT Arlington

**What brought you to the civil engineering profession?** I started college wanting to be an architect, but soon realized I was terrible at building those little building models and couldn't withstand the all-nighters. I eventually found my way over to civil engineering, because I thought it was 'similar' to architecture. I was mostly wrong, but I'm happy where I ended up.

**What brought you ASCE?** I joined ASCE at UTA because I felt like all the cool kids were in ASCE and always studied together, so I wanted in on that. Then, my senior project advisor was a member of Fort Worth ASCE and helped me get plugged in.

**What would you like to learn from PE's or mentors?** Aside from engineering knowledge, I would like to know how to balance your career and a growing family.



**How has working in the field changed your view of the industry?** Land development is not something you necessarily learn in school; you learn it all by diving into different projects. When I first started, I thought land development was 'generic civil' where you get to do a bit of everything. I'd say I was pretty right about that one.

**What is something you see changing in the industry?** I think over the next few years we will see more environmentally friendly versions of materials, like cement. Also, can't forget flying cars. I can't wait to see innovation in traffic/transportation to support that.

**Did you have any internships? How did that aid your career?** I interned at Graham Associates my last year of school and I was able to dive right into some large development projects. I learned the basics of land development and also lots of CAD. It gave me a very good foundation.

**Do you have any ASCE stories you'd like to share?** One ASCE memory that stands out to me is when I tried to run for an officer position when I joined ASCE at UTA. I was shy and didn't talk to a lot of people, so not everyone knew me. I ran for about five positions before I finally wore them down and they voted me as community service chair (and not to brag but we won a community service award that year)!

# PE Spotlight: Sidney Green

This section highlights the PE journey and provides insight for young engineers into the rewarding opportunities of a career in civil engineering. This issue features **Sidney Green, PE**—here are a few facts to help you get to know him a little better!



**Where and in what field of civil engineering do you work?** I work at Freese & Nichols, Inc. in their transportation group.

**What is your role in ASCE?** I'm an active member in ASCE.

**What college did you attend?** I graduated from Texas Tech University in 2015, and I later went to the University of Texas at Arlington for a masters degree.

**What brought you to the civil engineering profession?** I wanted to be a engineer since middle school. I had a good affinity for math and science growing up, so I wondered how I could put those skills to use as I got older. I was admitted into an Engineering Academy at my high school that allowed me to take classes specifically geared

toward engineering processes and design. It wasn't until my senior year of high school that I decided to focus in civil engineering. I liked that civil engineering was broad and how it very directly affects the community in a positive way.

**What brought you to ASCE?** I joined ASCE as a student in college. I liked that they had employees from local engineering companies come speak at monthly meetings to the students discussing their projects and experiences. I got a little more involved in ASCE through concrete canoe in my junior and senior years.

**What are some lessons learned in your career you wish you learned earlier on?** I tend to get into a perfectionist mentality where I don't want to put anything out unless it's "perfect". Something I wish I learned earlier is that it's better to get to a interim point in the process and push out to give someone a chance to look it over and review (internally). It can keep you from spinning your wheels and spending excess effort while also keeping your other team members involved in the project. Also, always try to bring pen/paper and business cards to meetings if you can. Even if you don't expect to need to take notes, it's better to be prepared. At times, I'll take impromptu notes on my phone, but be warned being on your phone can give the wrong impression even if you are just taking notes.

**Is there a project from your career you're particularly proud of?** I'm proud of all the been a part of, for better or for worse. However, two projects that I'm particularly proud of are the "Town Creek Trails Phase II" in the City of Weatherford and a residential street reconstruction project in the City of Westworth Village. The projects weren't large, but I've been able to openly walk the projects and remember the design decisions that went into getting to the finish product. Also the PM that worked with me on those projects served as great mentor to me as I was still early in my career.

**What advice would you give to young engineers?** Take the time to visit the site prior to construction. Especially for projects where the initial survey was pulled over a year prior. It's a good way to check for changes in the existing conditions that could affect the proposed design.

**What is a random fact about you?** I co-hosted a ping pong tournament in my office back in October 2019. I decided to participate to even out the competitor list and I spectacularly lost in the first round. Following the tournament and realizing how many of my coworkers enjoyed the sport, I spent the next few months getting better. While my hopes to redeem myself in another tournament got delayed due to COVID-19 and a new office location that doesn't favor ping pong playing, I'm still holding out hope to redeem myself someday by making it to the second round.



# Student Chapter Updates

The first meeting of the academic year went very well for Tarleton State's ASCE student chapter! Their attendance numbers have increased substantially, allowing them the ability to participate in more symposium competitions this year, provided they receive the necessary funding. The TSU student chapter has several events planned including participation in Tarleton's Homecoming events, a homecoming alumni social, student chapter socials, guest speakers, field trips, and participation in the Halloween Carnival for fundraising.



TSU ASCE recently held a movie night which had a great turnout! They watched Inception in the school's planetarium. They also had guest speakers come present to the chapter from LJA Engineering a few weeks ago, which all of the members really enjoyed. Coming up, TSU ASCE has a field trip to a TxDOT jobsite, and they are also hosting an all-engineering volleyball tournament to get to know other engineering organizations on campus. The chapter has been meeting for competitions on a weekly basis and are looking forward to putting all of their ideas into action. TSU ASCE is currently looking for funding and will be sending out fundraising packets soon.



We are looking forward to hearing from UT Arlington's ASCE student chapter and learning about their recent progress!

## Younger Member Update

**ASCE**  
YOUNGER MEMBERS

**\$40**  
PER  
PERSON

APR 29 — MAY 1 2022

**CAMPING  
TRIP** PEDERNALES  
FALLS STATE  
PARK

JOIN US FOR 3 DAYS OF  
ADVENTURE!

We can't wait to see you in person soon! We are planning a joint event with the UTA student chapter—more details to come. Follow our social media pages for updates! We're on LinkedIn, Facebook, and Instagram.

The statewide Texas ASCE Younger Member camping trip is scheduled for April 29—May 1, 2022. Mark your calendars for three days of adventure! Further details will be announced at a later date, so stay tuned! For reservations and information contact Derek Baker at [dbaker@pkce.com](mailto:dbaker@pkce.com) or 817-412-7155.





Worth and has headquartered in Arlington for the past 38 years. They have extensive experience with a variety of land surveying, land planning and civil engineering projects. The breadth of their experience includes the design of both major public works improvement projects for local municipalities and other public agencies as well as for the private sector. Our private project experience includes design for high-visibility business developments, mixed-use developments, medical-use projects, commercial/retail projects, and residential/multi-family projects.

Construction was completed late last year on one of their high-profile projects in Mansfield at Hwy 287 and Lone Star Road. Wier & Associates, Inc. worked with Texas Health Resources and Beck Architecture to develop an approximate 38-Acre property to serve a 191,600 sq-ft hospital, helipad, and 80,000 sq-ft Medical Office Building (pictured below). Services included master site planning for future development; platting; design surveys; coordination with PD Review Committee, TAS, FAA and TxDOT; public infrastructure plans for the widening of Lone Star Road; bidding assistance and construction administration.

Green Meadows Community, Phase I & Community Center – Celina, TX

Green Meadows is an over 1,400-Acre mixed-use community, primarily single-family residential with multi-family, schools, fire stations and commercial. Phase I included design of infrastructure for roadways and wastewater collections as well as retention, detention, and watershed studies.

Texas Health Hospital & MOB - Mansfield, TX

Approximate 38-Acre site for 191,600 sq-ft hospital, helipad, and 80,000 sq-ft Medical Office Building to support the hospital.



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## Section Director's Update

The first ever ASCE Region 6 Student Symposium will be hosted by the ASCE Student Chapter at the University of Houston in spring 2022. Additional support will be provided by the ASCE Houston Branch, ASCE Texas Section and ASCE Region 6. The theme this year is "Be Someone". Sponsors are needed to make this event a success; please visit <https://www.texasce.org/our-programs/student-symposium/sponsorships/> for more information.

The date for the Texas ASCE CECON in Frisco, TX: September 14-16, 2022.

The ASCE Texas Section would like to remind members to "check the box" for Section/Branch dues when renewing your membership for 2022.

## Treasurer's Report

As of October 2021, the Fort Worth Branch has an account balance in good standing. Please note that the Fort Worth Branch is a Section 501.3(c)(3) non-profit organization.

We encourage all members to pay for meetings online. Doing so automatically enters you into a drawing for a \$25 gift card.

We appreciate and thank all of the members and firms that continue to support the Fort Worth Branch!

## Envision Sustainability Professional (ENV SP) Credentialing Workshop



Presented by  
**Michael F. Bloom, PE,  
ENV SP, CFM, BCEE**  
R. G. Miller Engineers, Inc.



Live Virtual  
November 8 and 9, 2021  
11:00 AM to 3:30 PM ET  
Both Days

Member \$600  
Non-Member \$800

Scan QR Code to Register



Don't forget to renew! The perks of being an ASCE member have gotten better! Now your membership includes **10 free PDH** on-demand webinars. To see a full list of member benefits visit the ASCE website at <http://www.asce.org/member-benefits/>

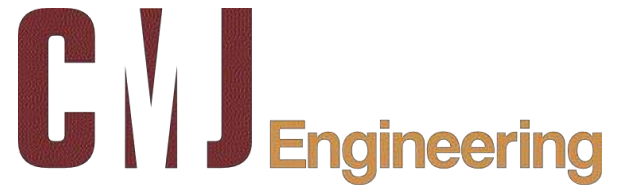
<a href="http://www.asce.org/myprofile">www.asce.org/myprofile</a>	Update your contact information
<a href="http://www.asce.org/renewal">www.asce.org/renewal</a>	Membership renewal
<a href="http://www.asce.org/join">www.asce.org/join</a>	Membership applications
<a href="http://www.asce.org/cemagazine">www.asce.org/cemagazine</a>	<i>Civil Engineering</i> magazine online
<a href="http://blogs.asce.org">blogs.asce.org</a>	ASCE news online

This newsletter is distributed quarterly on the first week of February, May, August, and November. If you have any information you would like published in the newsletter, please contact Lindsay Lafferty, Newsletter Chair, at [llafferty@bhbinc.com](mailto:llafferty@bhbinc.com).

## Member Referral Program

All you have to do is click the link and refer up to five people to join ASCE. ASCE will do the rest. If your referrals join, they get 50% off their initial membership dues and you get a \$50 Amazon gift card. At the end of the year, the member with the most successful referrals will get a \$500 Amazon gift card! Refer a friend here: <http://message.asce.org/mgam>

# Branch Sponsors





# Branch Sponsors



For corporate sponsorships please contact Derek Baker, Treasurer, at [dbaker@pkce.com](mailto:dbaker@pkce.com).

**2021-2022**

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