March Branch Meeting – SEI Showcase

By: Travis Isaacson, P.E.

Topic
Austin Central Library – The Library of the Future

Speaker Bio
Luke Nelson, P.E. joined Datum Engineers in 2003 as a graduate engineer. Since then, he has worked on a wide variety of structures ranging from large institutional & commercial buildings in excess of $250M, to high-end residences & art pieces. He was the lead engineer for the Dell Children’s Medical Center of Central Texas, the Austin New Central Library, and the UT Dell Medical School.

Overview
This month we’ll be showcasing the Structural Engineering Institute (SEI) of the ASCE Austin Branch. The much-anticipated Austin New Central Library opened in October 2017 to rave reviews and huge crowds. Crowds of people are still flocking to the library three months later, just like the grackles celebrated in the giant public art piece inside.
The Library is a wonder of engineering, architectural, and construction achievement, not to mention civic commitment. Countless dramatic, breathtaking, unique spaces and features are packed into its 270,000 square feet on 6 levels, plus 2 underground parking levels, situated on the north shore of Lady Bird Lake along Austin’s beloved hike & bike trail at the south edge of downtown.

MEETING INFO

Cost if Pre-registered by 3/16 at Noon:
- $30 - Member / Guest
- $20 – Gov’t / Life Members / Retirees
- $15 – Students

Cost if Not Pre-registered or Walkup:
- $40 - Member / Guest
- $30 – Gov’t / Life Members / Retirees
- $25 – Students

Meeting Information:
- Date and Time: March 20th from 11:30 am to 1:00 pm
- Location: Phillips Event Center, 8140 Exchange Drive, Austin, Texas 78754
- RSVP: http://events.constantcontact.com/register/event?llr=h9o54mhab&oeidk=a07eejcaoq91bb48d09

March Branch Meeting Sponsor
By: Tyler Dube, P.E.

Advanced Drainage Systems, Inc., (NYSE: WMS) (ADS) is the leading manufacturer of high performance corrugated pipe. Founded in 1966, it serves the storm and waste water industry through a global network of 62 domestic and international manufacturing plants and 32 distribution centers. In addition to its flagship N-12® pipe, and SaniTite HP sanitary pipe and HP Storm pipe, the company offers a complete line of fittings and other accessories including StormTech® storm water chambers, Nyloplast® drainage structures, INSERTA TEE® lateral connections, storm water treatment units and various geotextiles. To learn more about ADS, visit www.ads-pipe.com.
Please join us on April 6th, 2018 for the ASCE Austin Branch Continuing Education Conference. The theme for this event will be "Designing a More Resilient Central Texas". The event will be held at the Phillips Event Center from 8am to 5pm. Early Bird registrations are ongoing until March 16th and sponsorship packages are still available. Stay tuned for a confirmed speaker list which includes nationally renowned experts. Presentations will include:

- City of Austin Corridor Mobility Bond
- ABIA Airport Expansion
- Texas State Flood Plan
- UT's New Engineering Building, and more!

Please click on the link below to RSVP or contact Claudia Corsetti at claudia.corsetti@EEC-TX.com if you have questions or need more info. Note that transaction fees are added to the registration costs. After the event please join us for a happy hour at B.D. Riley's Irish Pub at Mueller (905 Aldrich Street, Suite 130).

https://www.eventbrite.com/e/asce-austin-branch-continuing-education-conference-tickets-42924708960

Summary of Registration Options:
- Early Bird Registration - $150 (ends March 16th, don’t wait!)
- Standard Registration - $200
- Gov’t\Life\Retiree\Student Registration - $75
- Registration for Attendees from Sponsoring Firms - $100

Summary of Sponsorship Options:
- Corporate Sponsorship - $300
- Breakfast Sponsorship - $700
- Break Sponsorship - $500
- Lunch Sponsorship - $1,000
- Social Hour Sponsorship - $250
Greetings!

Thank you to those of you who made a positive impact in our community by getting involved with Engineers Week 2018. While the world celebrated us as professionals who create today's awe-inspiring marvels, the Branch was able to celebrate the work we do to inspire wonder in young minds.

Our first outreach event of the week with Thinkery in Austin helped bring in over 1,500 visitors to the museum and the Branch was pleased to be able to provide admission for 250 children! For our second outreach event, the Branch partnered with Central Texas Discover Engineering and the Science Mill in Johnson City to help cover admission for 100 visitors! We received amazing feedback by staff and guests and I know our time and effort was much appreciated. Thank you to all of our sponsors and volunteers who really made these events a success. A HUGE thank you goes out to Sharon Hamilton and Linda Barlow who championed these days and for their continuous support of the Branch's STEM activities.

Our Engineers Week outreach culminated with a celebration of our engineering professionals at the 2018 Engineers Banquet, a joint event between ASCE, the Texas Society of Professional Engineers (TSPE) and the American Society of Agricultural and Biological Engineers (ASABE). A big congratulations goes out to two of our Branch members, Roman Grijalva and Joe Goessling! Roman, a Branch Past President was honored as the 2018 Civil Engineer of the Year. Joe, a past board member and current Strategic Planning Committee and Honors Committee Chair was awarded TSPE’s Young Engineer of the Year.

Be sure to save the date and register for three of our exciting educational events this spring. The Branch’s Continuing Education Workshop on April 6th is packed with a day-long lineup of engaging speakers. Our institutes are hard at work preparing for their annual events this spring as well, including SEI's 4th Annual Structural Engineering Talks (SET) on April 4th and EWRI's 13th Annual Continuing Education Workshop on June 15th.

Do you have a vision for ASCE Austin? The nominations committee will be diligently working to put a slate of officers together for the 2018-2019 board to present to both the current board for approval and to the membership for consideration in April. The 2018-2019 board will be voted on at the June membership luncheon and installed at the September luncheon. If you or someone you know may be interested in the board or any one of our committees, please contact me (512-279-5437, glenn.goldstein@rsandh.com) or another officer or committee member for more information.

Thank you for everything you do to support ASCE!

Glenn
Greetings from the SEI Austin Chapter! We hope everyone is off to a great start in 2018. Thanks to everyone who joined us last month for our Professional Meeting, where we heard from Dr. Juan Carlos Araiza of DeSimone Consulting Engineers on forensic engineering. The technical presentation was interesting and educational, and the turnout was great! Please stay tuned for additional opportunities to spend the lunch hour with us and our amazing central Texas SEI community in 2018.

SEI-Sponsored ASCE Luncheon in March
We are pleased to sponsor this month’s ASCE luncheon on March 20th, where we’ll host Mr. Luke Nelson, PE, Associate Principal with Datum, for a technical presentation on the new 270,000 ft² Austin Central Library Project—referred to as the Library of the Future. Mr. Nelson joined Datum in 2003 and has since worked on a wide variety of structures, ranging from high-end residences to $200-million projects. His project experience includes the UT Engineering Education and Research Center, Dell Children’s Medical Center of Central Texas, St. Edward’s Natural Sciences Facility, and Lake Travis’ Middle School and High School. He received his B.S. degree in Civil Engineering from the University of Tennessee and his M.S. degree in Civil Engineering from the University of Texas at Austin.

Structural Engineering Talks (SET) 2018
SET 2018 will be held Wednesday, April 4th, at the Alamo Drafthouse on 1120 South Lamar Boulevard in Austin. Registration will take place from 6:00PM to 6:30PM and the talks will go from 6:30PM to 8:30PM. The final speaker lineup is provided below, and additional details on speaker topics and registration will be provided in an event flyer to be sent out in the coming days. Please block your calendars for this unique Austin-born event, as it promises to be a lovely evening of dinner, drinks, lively and relevant discussions, and great company! Confirmed speakers are:

- Dr. Ramon Gilsanz - Founding Partner, Gilsanz Murray Steficek
- Mr. Kirk Marchand - Founding Sr. Principal, Protection Engineering Consultants
- Dr. David Fowler - Emeritus Professor, The University of Texas at Austin
- Dr. Randy Poston - Founding Principal, Pivot Engineers

Stay Connected!
As always, you can stay plugged into the SEI Austin Chapter at https://www.austinasce.org/sei/, where you’ll find the latest and greatest on upcoming events and chapter leadership. If there’s something you’d like to do then we’d like to hear about it. Please drop us a line at sei.austin.tx@gmail.com.
YMF Announcements & Updates!
ASCE Younger Member Forum (YMF) welcomes and encourages young engineers to become actively involved. For those of you who are unfamiliar with the purpose of YMF, the group’s goal is to direct ASCE’s mission towards engineers age 35 and under. YMF Austin offers opportunities to network with peers, learn more about the profession, provide leadership experience and encourage the full professional development of Younger Members (YMs). If you are interested in learning more about ASCE YMF Austin, please contact our president Coby Gee at coby.gee@freese.com

ASCE YMF is Going to Mueller!!
Join YMF on a tour of the Mueller Community followed by Happy Hour at BD Riley’s Pub. Mueller is a 711-acre planned unit development in central Austin. Mueller is a pedestrian-oriented, mixed-use community, and a model for responsible urban planning and development. Come learn more! https://www.eventbrite.com/e/asce-ymf-mueller-tour-tickets-43669958020

Austin ASCE YMF Golf Tournament this Spring!
Please join us on April 13th, 2018 at the Avery Ranch Golf Course for our YMF Golf Tournament. This blockbuster event benefits the YMF Scholarship and Sammy’s House. The event begins at 12:30pm. Please Contact Ryan Chapin at rchapin@rios-group.com to sign up!
2nd Annual ASCE YMF - Networking & Trivia Recap

The Networking and Trivia Night Happy Hour was a success!! Thank you for all those who participated and joined us for some fun! It was a great way to integrate all the great organizations and opportunities that we have in the Austin area. We are already looking forward to the next one! 😊

Like Us on Facebook!

Friend us in order to interact with other young engineers, be kept up to date on current civil engineering issues and be notified of future YMF events. Find us on Facebook at: https://www.facebook.com/ASCE.YMF.ATX/
EWRI News & Events
By: Cindy Engelhardt, P.E., CFM

Spring 2018 Student Scholarships:
The EWRI Austin Chapter is currently accepting applications for Spring 2018 Student Scholarships! The chapter will award four scholarships ranging from $1500 to $500 each. High school seniors and university undergraduates are welcome to apply. Please submit applications by April 2, 2018. For more information please visit our website at www.austinasce.org/ewri/.

2018 Continuing Education Workshop:
Continuing with the goal of expanding our participation, planning for the 13th annual continuing education workshop is underway! If you would like to get involved on the planning committee please contact Kim Patak at kkp@freese.com. The date has been set for June 15th at the UT’s J.J. Pickle Research Campus! Address: 10100 Burnet Rd, Austin, TX 78758, Commons Learning Center. This year’s workshop will feature cross-discipline design projects.

2018 Outstanding Institute Chapter (Small Chapter) Award
The EWRI Austin Chapter has been selected by the National EWRI Sections & Branches Activities Council to receive the 2018 Outstanding Institute Chapter (Small Chapter) Award. The Outstanding Institute Award honors remarkable ASCE Section, Branch EWRI Chapter, Environmental Technical Group, or Water Resource Technical Group based on their activities and relative to their size. Since our membership is less than 1,000, the EWRI Austin Branch is in the small chapter category. The award will be presented during the World Environmental & Water Resources Congress 2018 in Minneapolis, Minnesota, on June 4th. We would like to thank you very much for your membership and support leading to this great award!
Engineer of the Year Award
By: Glenn Goldstein, P.E., PMP

Roman Grijalva, P.E., PMP, M.ASCE has been awarded the 2018 ASCE Austin Branch Engineer of the Year Award. This award is presented to Branch members who have distinguished themselves in the fields of education, services to the Civil Engineering profession, awards received, services to the Branch, services to the community, services to student ASCE chapters.

Roman is a civil engineer with over 20 years of experience working on a variety of civil engineering public works projects throughout Central Texas. His project experience includes the design and installation of water and wastewater pipelines and facilities, drainage planning and infrastructure, large civil works, and traffic studies. He currently services as the Director of Public Works for BGE, Inc.

Joe Goessling, P.E., M.ASCE was awarded the TSPE Young Engineer of the Year. Congratulations to Roman and Joe! Pictured below are Joe, Kyle Womack (TSPE Engineer of the Year), and Roman.
Community Outreach
By: Linda Barlow, P.E.

Sign Up with Texas STEM Connections
Volunteer registration IS OPEN. ASCE is a member of Central Texas Discover Engineering (CTDE) to promote engineering thru schools and other STEM education venues. CTDE has partnered with several organizations to create Texas STEM Connections, a web-based tool using the Nepris platform that makes it easy for STEM professionals to connect with K-20 educators, classrooms, out of school time programs, and other volunteer opportunities.

- Create a profile, indicate “ASCE” as an organization you’re affiliated with (add details to your profile through the account settings), and browse the requests for volunteers to find a classroom visit request that meets your interests and availability.
- Watch your email and/or your Dashboard in Texas STEM Connections once you’ve expressed interest in a volunteer request and let the system walk you through the process of confirming.
- Use the online help or more detailed volunteer instructions to help create your profile, set up your account settings and affiliations such as CTDE, and get connected to volunteer opportunities.

For More Information
- Central Texas Discover Engineering http://www.centexeweek.org/
- ECOSYSTEM https://greateraustinstemecosystem.org/engineersweek/

Texas Section Update
By: David Matocha, BSCE

Help ASCE Advocate for our Nation’s Infrastructure
ASCE Texas Section’s Government Affairs Committee is planning to distribute the 2017 Report Card for Texas’ Infrastructure to all 181 Texas legislators during Infrastructure Week (May 14th to 21st). The Committee is seeking your help to achieve this distribution goal. Legislators are not currently in session and the Committee needs support from local members to reach each legislator in their hometown. If you would like to participate in the report card outreach during Infrastructure Week, please email GovernmentAffairs@TexASCE.org. Link to the report card http://www.texasce.org/?page=TexasIRC

To receive key updates on infrastructure and public policy issues at both the state and federal level, please join ASCE’s Key Contact program. ASCE Key Contacts influence the policy process at the state and federal levels by developing relationships with elected officials. By meeting and making contacts with your elected officials in several ways, you can achieve true conversations about issues important to the profession, and become a trusted advisor when bills are drafted or considered.

To learn more and sign up, visit: http://www.asce.org/keycontacts
Corporate Sponsorship
By: Tyler Dube, P.E.

The ASCE Austin Branch is seeking corporate sponsorships for the 2018 calendar year. We are offering a Branch Annual Sponsorship for $300, a Single Meeting Sponsorship for $300, a Special Event Sponsorship for $300, or all three for the low, low, rate of $800! Your generous support will allow us to continue to serve the engineering community of Central Texas and provide for a multitude of our programs and outreach initiatives. Please contact Tyler Dube at (512) 454-8711 or tdube@pape-dawson.com, or click on the following links:

- Forms may be obtained at https://www.austinasce.org/sponsors/
- Payment: http://events.constantcontact.com/register/event?llr=h9o54mhab&oeidk=a07ee8oieys9fd7d280

Calendar of Events
By: Various

- March 20th, 2018 – Branch Meeting @ the Phillips Event Center
- March 27th, 2018 – YMF Mueller Community Tour and Happy Hour @ B.D. Riley’s.
- April 4th, 2018 – Structural Engineering Talks (SET) 2018 @ the Alamo Drafthouse South
- April 6th, 2018 – Austin Branch Continuing Education Conference @ the Phillips Event Center
- April 13th, 2018 – YMF Golf Tournament @ the Avery Ranch Golf Club

List of Branch Sponsors
By: Tyler Dube, P.E.

Thank You To Our Branch Sponsors!