

A LEVEL LINE

March 2020

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Key Contacts

Branch Officers

- President - [Suzanne Herron](#)
Past President - [Chris Gwaltney](#)
President-Elect - [Kenneth Perkins](#)
Vice President - [Dustin Scruggs](#)
Treasurer - [Caroline Davis](#)
Secretary - [Christian Reid](#)

Board of Directors

- [Clint Camp](#)
[Eric Gardner](#)
[Monica Sartain](#)
[Ashley Smith](#)
[James Ensley](#)

Practitioner Advisors

- Lipscomb - [Jeff Hooper](#)
& [Michael Cochran](#)
Tennessee State - [John Brew](#) & [Ron Oniszczyk](#)

Dear ,

This is a difficult message to write. The storms on Monday night/Tuesday morning were, frankly, scary. As a resident of East Nashville, I made it to my basement with my family and pets as the tornado came over. Thankfully, our house is still standing and undamaged. But that is not the case for many of our neighbors. Sadly, our church was damaged very badly. Ultimately, what I want to say is to tell your family and friends that you love and appreciate them every chance you get. If you have property damage or other needs arising from the storm, please reach out to us [here](#).

Finally, if you get a chance to donate to or volunteer with the clean-up effort in the next few days, [Hands On Nashville](#) has opportunities. Also remember our friends in Putnam County that lost homes and loved ones.

Below is my original message for this Level Line. There are a few reminders for events, so I am including this information as well.

I hope everyone took a moment to appreciate and celebrate Engineers' Week February 16-22. As engineers, we are not often recognized for our work, so it's nice to take a few minutes - or a week - and celebrate our accomplishments to our community, our city, our country, and the world.

We will resume our Branch Luncheon meetings on March 19th as we celebrate the worldly accomplishments of our students. The speakers will be the Vanderbilt and Lipscomb Senior Design Teams. They will discuss their collaboration bridge designs for the communities near the rural village of Bacadillas, Honduras.

We have many other opportunities to participate in the next few months. The American Concrete Pipe Association and Metro Stormwater have teamed up to present the [2020 School of Rock](#). It will be held on March 27, 2020 and everyone that attends will receive six PDHs. All proceeds from the School of Rock go the Nashville Branch. We currently have one session planned, but Mike Kusch is willing to plan another day of the School of Rock if this one fills up and there is more demand. At this time, there are only 20 spots still open. So register soon. If the class fills up and you are interested in attending, please email [Mike Kusch](#).

Quick Links

- [Nashville Branch](#)
- [TN Section](#)
- [ASCE](#)

Stay Connected



2019 Sustaining Members



Vanderbilt - [Ashley Smith](#) & [Nathan Grosser](#)
Tennessee Tech - [Patrick Leap](#) & [Tyler Marshall](#)

Committee Chairs
Awards - [Monica Sartain](#) & [Philip Stuckert](#)
Educational Outreach - [Justin Corbitt](#) & [Janey Camp](#)
Newsletter - [Ashley Smith](#)
Scholarships - [Mike Hunkler](#)
Social Media/Webmaster - [Lily Moritz](#)
Sports - [Eric Gardner](#)
Sustaining Membership - [Mike Kusch](#)
Diversity & Inclusion - [Christian Reid](#)

YMG Officers

Chair - [James Ensley](#)
Past Chair - [Kate McBreen](#)
Vice Chair - [Lily Moritz](#)
Secretary - [Michael McGaffic](#)
Treasurer - [Liliana Porras](#)
Service Director - [Emily Waldon](#)
Social Director - [David Layhew](#)
PE Review Director - [Kenneth Perkins](#)
Technical Director & Student Liason - [Justin Corbitt](#)

Finally, I want to remind everyone to renew your [membership](#) and your firm's [Sustaining Membership](#).

Suzanne B. Herron, P.E.,
CPESC, M.ASCE
Nashville Branch President



Meeting Minute

Our March Branch Luncheon meeting will be on Thurs., March 19, 2020. The speakers will be Vanderbilt & Lipscomb Senior Design Teams speaking on their collaboration bridge designs for the communities near the rural village of Bacadillas, Honduras. One PDH will be provided. Registration begins at 11:15 AM; lunch will start promptly at 11:30 and the meeting should adjourn by 1:00 PM. Click [HERE](#) to register.

Upcoming Events

- Thursday, March 19th - Monthly Branch Luncheon: Tennessee Engineering Center (TEC), 11:30 am - 1:00 pm
- Friday, March 27th - School of Rock: Tennessee Engineering Center (TEC), 7:30 am - 3:15 pm

New Members & Birthdays

Welcome to these new members:



Adele Grohovsky, Chase Hampton, Corbin Hughes, Zachary Kennell, Gretchen Manco, Catherine Pitts, Daivion Shepherd, & Robert Thomas

Happy birthday to these members:

Joseph Ballard, Hiba Baroud, Bryan Barton, Brandon Bartrom, Josh Beckler, John Brewer, Jennifer Brownlie-Carey, Abdulaziz Buaishah, Dustin Callahan, Gary Clardy, Thomas Clawson, Gregg Clingerman, Darik Cody, Ben Collier, Michael



Connor, Allen Crowe, Kevin Crumley, Erin Curry, Phillip Davis, Connor Davis, Thomas Diver, William Emmett, Claire Evans, Jamshid Farzidayeri, Chad Feenstra, Hayden Forrister, Eric Gardner, Gregory Gash, John Gibbs, Joseph Green, James Griffin, Jared Grubbs, Matthew Hagerty, Heather Hengesbach, Michael Herrin, Vance Hohn, Tobias Houghton, Andy Huber, Matt Jeffers, Zachary Jones, Luke Klausner, Jacob Knight, Patrick Kuykendall, Peyton Lawyer, Adam Leach, Johnnie Leonard, Brad Long, Mark Luskin, Vic McConnell, Farouk Mishu, John Mishu, William Mitchell, Nisha Monteiro, Brenton

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Structural Consultants

CDM Smith



Civil & Environmental Consultants, Inc.

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RAGAN SMITH

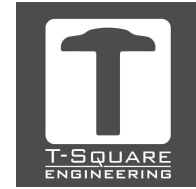
Montgomery, Lily Joy Moritz, Bart Netherland, Edward Nettenstrom, Caglar Oskay, Wayne Overman, Karlena Pabian, Gabriel Perez, David Perry, James Phillips, Bradley Polanco, Nicholas Powell, Stephen Putney, Barry Quinn, Christopher Ramsey, James Reed, Brian Reynolds, Scott Rice, Hannah Riether, Kirschten Roberts, Peyton Roberts, Tooraj Rokni, Michael Roman, Michael Samuchin, Mark Samuels, Sandra Sclafani, Abigail Shores, Madison Sidebottom, Bradley Simpson, Angelica Smith, Raul Solorzano, Chris Strupp, Michael Stultz, Elizabeth Surface, John Sylva, Michael Tant, Christopher Tong, Gregory Utley, Benjamin Vaught, Benson Vogel, Alice Waldon, James Wamble, Jerry Warren, Tanner Wesp, Robert Wieber, Kevin Wolfe, Jason Yost, & Kevin Young



SAIN
ASSOCIATES



Structural Design Group



W&A
Engineering

Membership Reminder



We've had another great year for the Nashville Branch of ASCE. We trust that you've been able to participate and take advantage of the many benefits of having a membership. We would like to encourage you to

continue your membership with ASCE into 2020. To complete your renewal please use the link on the ASCE website [HERE](#). As a reminder of the fantastic benefits your membership provides you please click [HERE](#).

Thanks to all of our 2019 sustaining members!

To join or renew your membership for 2020, please contact [Mike Kusch](#).

100th Year Anniversary Committee

Committee Planning

In anticipation of the 100th Year Anniversary (2021) of the formation of the Nashville Branch of ASCE, the Branch is



looking to form a committee dedicated to the planning of all the events surrounding this milestone. If you or anyone you may know would like to be a part of the planning committee, please reach out to [Kenneth Perkins](#). We look forward to hearing from you and most importantly celebrating this milestone with you.

School of Rock



Set your calendars for Friday, March 27 at the Adventure Science Center to discuss the Metro Nashville Stormwater - Revised Pipe Video Inspection Guidelines.

This special edition of School of Rock will be utilized to support Metro Nashville in their goal and expectation of always receiving properly installed RCP when located in their ROW or public utility easements. Long lasting and trouble-free installations of any pipe requires proper structural design, clear installation details, proper installation, and good Quality Control and Assurance delivered through inspection and proper evaluation.

School of Rock will cover the responsibilities of the Engineer, Producer, Installer, and Metro with respect to the aforementioned critical project components of a proper RCP installation.

Speakers will include Metro Stormwater, Pipeline video Inspection professionals, and members and staff of the American Concrete Pipe Association.

Mark your calendars and plan to attend the training on March 27, 2020. Sign up [HERE](#).

Sports

19th Annual Nashville Branch Bowling Tournament

On Monday, February 17th, we held our 19th Annual ASCE Branch Bowling Tournament. This year we had 16 teams participate, helping us raise over \$2,300 for our Scholarship fund. Special thanks to Terracon for being out Awards sponsors. Prizes were awarded for individuals and teams.



Men's High Game - Nathan Grosser (Stan Lindsey)



Women's High Game - Kelsey Vines (SSR)



1st Place Team - Ragan Smith (Kimberly Lawwell, Ben Lawwell, David Hendrickson, and Michael Audelo)



2nd Place Team - Stan Lindsey (Nathan Grosser, Jon Bagwell, Travis McKnight, and Zack Thompson)



3rd Place Team - SSR (Paolo Fonda, Luke Williams, Kyle Gibson, and Kelsey Vines)

Our next sports event will be our golf tournament. Mark your calendars now for Thursday, May 21st. More details to come in our next Level Line.

Sustaining Members

Become a Sustaining Member for 2020!

We are kicking off the 2020 Sustaining Membership Drive, and we would like to ask for your support of the

award-winning ASCE Nashville Branch with a Sustaining Member Corporate Sponsorship. This year we are excited to continue offering two levels of sponsorship. For more information about the two levels and the benefits of Sustaining Membership, or to join or renew your sustaining membership online, click [HERE](#).

If you have any questions about Sustaining Membership, contact [Michael Kusch](#).

Scholarship Application

Fall 2020-Spring 2021 Scholarship Program

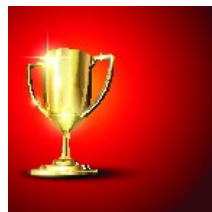
The Scholarship Committee is anxiously awaiting applications for the 2020 ASCE Nashville Branch college scholarship program. There are two ways you can help us continue this 25-year program that has awarded over \$150,000 to deserving future civil engineers:



1. If you are a current Civil Engineering student or know one, we encourage you to on online and complete the relatively simple application form. Undergrad and grad students who attend Lipscomb University, Tennessee State University, Tennessee Tech, or Vanderbilt University are eligible. The scholarships are open to civil engineering student children of current ASCE Nashville Branch members, regardless of the school the student attends. Application deadline is March 16, 2020. Apply online [HERE](#).
2. Support our scholarship program funding activities by participating in the annual golf tournament, bowling tournament, card tournament night, and School of Rock.

ASCE Nashville Branch Awards

2020 ASCE Nashville Awards Announcement



Each year the Nashville Branch ASCE recognizes outstanding individuals and engineering companies in the Nashville Branch area by presenting the following awards. Typically, each award consists of a wall plaque presented at the spring Nashville Branch Awards Dinner.

Awards will be presented for:

- Student Member Award
- Young Engineer Award
- Government Engineer Award
- Outstanding Engineering Educator Award
- Outstanding Engineering Project (Large)
- Outstanding Engineering Project (Small)
- Distinguished Service Award

Nominations for these awards must be submitted to the Branch Awards Committee by Friday, March 13, 2020. The Branch Awards Committee then works with a selection committee, made up of the Branch Officers and Past Award Winners, to select the proposed award

winner. Once the selection committee determines each award winner, the names will be sent to the Nashville Branch Board for approval. Awards will be presented during the month of April 2020. Nashville Branch Award winners will be forwarded to the Tennessee ASCE Section that same year for consideration of the Section Award. The following is a list of Branch and Section winners from our Nashville Branch. Copies of the nomination forms and more information on each category can be found [HERE](#).

Multi-Region Leadership Conference

2020 MRLC

The Nashville Branch received the 2019 ASCE Outstanding Section/Branch Award for medium Sections and Branches (500-1,000 members) at the 2020 Multi-Region Leadership Conference in Philadelphia. From left, Nashville Branch Vice-President Dustin Scruggs, ASCE President-Elect Jean-Louis Briaud, Nashville Branch President Suzanne Herron, Nashville Branch Treasurer Caroline Davis, and Board Member Monica Sartain.



Also in attendance at the conference were Nashville Branch Younger Member Vice Chair Lily Moritz, Nashville Branch Younger Member Technical Director and Student Liaison Justin Corbitt, and Region 4 Governor for TN Brian Reynolds (not pictured).



Volunteers for Branch Leadership

Become a Volunteer



There are many opportunities for you to become involved in the Nashville Branch leadership. We always need help in our many committees, from members to chairs. This is a great way to serve your Society at the ground roots level, learn how your Branch is governed, and prepare for an officer's role in the future. We need help with meeting registration, sustaining membership, educational

outreach, budget, younger members group, and more. Please speak with the current Committee Chair or a Board member for more information.

Educational Outreach

Opportunities to get Involved in Education Outreach

The Nashville Branch does a lot in terms of education and outreach throughout the year including efforts related to Dream Big, the Bridge Competition, Engineers' Week, etc. We're looking to grow the team that helps plan and facilitate these activities. If you're interested in getting involved, please contact [Justin Corbitt](#) (the new Education Outreach committee chair) or [Janey Camp](#) (Education Outreach Co-Chair).

2020 Music City Bridge Competition

The 2020 Music City Bridge Competition took place on February 29th at the Vanderbilt LASIR facility in Metro Center. The competition involves high school students designing, building, and testing bridges out of basswood and glue for a chance to win prizes as well as qualification in the national competition. This year we had 45 bridges that were tested and the top three bridges received prizes, while the top two received the additional national qualification.

This year's winners are as follows:



1st - Jessica Baker, an 11th grade student from Blackman HS



2nd - Ayah Ahmad, an 11th grade student from Blackman HS (not present, teacher accepted award)



3rd - Hunter McCoy, an 11th grade student from East Hickman HS

ACE Mentors - Nashville is Looking for Engineers to get Involved

ACE (Architecture, Construction, and Engineering) Mentors is an afterschool program for high school students focused on developing skills and introducing students to careers in ACE fields through projects. The Nashville Affiliate serves Davidson, Williamson, and Rutherford Counties. There are currently approximately 130 students registered to participate in the Nashville area ACE Mentor program this year. Most student teams meet once every two weeks to work on a project throughout the school year. It can be a rewarding experience and if you don't have time to commit to the entire academic year, there are opportunities to get involved for only a session or a few. You can learn more about ACE through this link [HERE](#). If you'd like to get involved and participate as a volunteer mentor, please contact [Janey Camp](#) or [Jack Tipton](#).

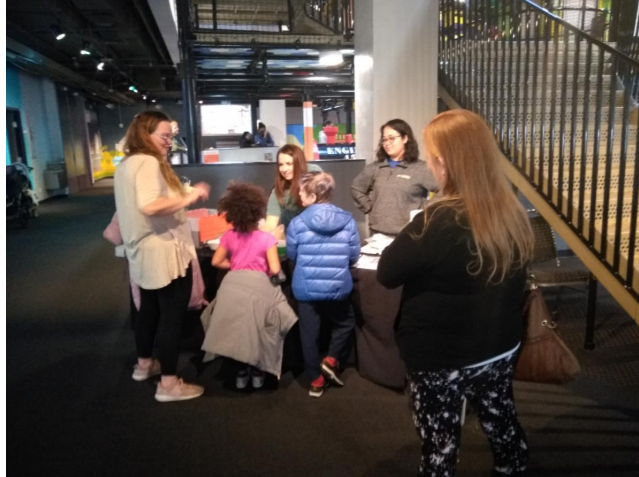
Younger Member Group

Engineers Day at the Adventure Science Center

On Saturday, February 22nd the Younger Member Group volunteered at Engineering Day at the Adventure



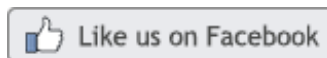
Science Center as part of their Engineering Month. YMG members led those who visited the table through an exercise on water filtration. The volunteers received great feedback and can't wait to participate again next year!



Student Chapter Visits

YMG board members visited the local student chapters to discuss what the YMG is and how the students can remain involved at the branch level after graduation. Students learned about society specific benefits for their career and professional development, down to local YMG events and functions. If you are currently a student, or any younger member looking for more involvement, please reach out to the YMG or any branch leadership to find out what opportunities are available to you.

Subscribe to Our Emails



Student Chapter Updates

Tennessee Tech

The Tennessee Tech ASCE student group is hosting our annual golf tournament on Friday, 4/17/2020. For sponsorship information click [HERE](#) and registration information click [HERE](#).



Lipscomb University

From Concrete Canoe to Steel Bridge, students are beginning to wrap up their final designs. With conference only a few weeks away, time is crucial to all. Concrete Canoe is currently sanding down to meet



requirements and it's rowing team is meeting in preparation for the race. Steel Bridge is in the works of completing their fabrication and welding, painting the bridge and creating a poster, and practicing construction.

On top of preparing for competitions, students recently attended on February 12th an ASCE meeting with special guests. We had two special guests: one being a member of the younger member group and the other being a representative of Nucor. The students were engaged in the conversation that both guests brought to the table and proceeding the presentation many questions were asked.

The newly elected board also attended the WSCL (Workshop for Student Chapter Leaders) conference in Philadelphia. They attended with faculty advisor Todd Lynn and benefited from info sessions, breakout sessions, and profession panels. All the knowledge the board received was quickly applied and put into effect soon after attending this conference. For example, just recently the board was thinking of ways of how they could fund raise efficiently. On February 20, 2020, Lipscomb had their second annual Day of Giving Campaign; on this day a percentage of the funds donated towards the 'Civil Engineering' department are distributed to ASCE. Knowing this, the ASCE Board promoted the campaign immensely. The end result was phenomenal, as the 'Civil Engineering' department was donated about \$4000!

Tennessee State University

ASCE Student chapter at TSU organized civil engineering students to visit TDOT Region



3 Office and Material Lab on January 28, 2020. The faculty advisor Dr. Li attended this event with students. Ms. Melanie Bumpus at TDOT arranged students to visit TMC, emergency truck, material labs. TDOT engineer Joseph Kerstetter and Michael Doran spoke to students for the lab activities and career opportunity in the materials division.





HDR hosted an event to bring TSU students into their office to discuss the engineering career with them on February 3, 2020. TSU Alumni Addie Case helped to bring the connection. HDR HR and Engineers answered students' questions and talked about what they do- civil, architectural, mechanical, electrical engineering. Great trip.



Our concrete canoe finished pour the concrete and ready to paint. Thanks for Lipscomb University to help during the design process. They also help us to ship the canoe to Orlando. Go Lipscomb!

Vanderbilt University

Vanderbilt ASCE has been exceptionally busy this past month. The chapter recently hosted its annual Industry Night, at which students were able to network with 25 local companies. Engineering discussions were had, resumes were exchanged, and swag was given. Vanderbilt ASCE also hosted Engineering Week events. On campus, the chapter held a spaghetti structure strength competition where groups competed to see who could make the largest structure that could withstand a five-pound load.



VANDERBILT
UNIVERSITY



Students also volunteered at the Adventure Science Center for Engineer's Day with Younger Members, where they taught children about their water and how water filtration systems work. Between all these events, Vanderbilt ASCE has dedicated their time to Conference events. The team is looking forward to seeing everyone at Conference and playing a healthy dose of cornhole!



Job Postings

City of Mt. Juliet

**Project
Manager/Civil Plans
Reviewer**



The City of Mt. Juliet is seeking a candidate for the following position: Full-time Project Manager/Civil Plans Reviewer to assist the Director and Deputy Director of Public Works & Engineering in a variety of functions related to development services, general engineering,

construction plans review, and the publication of manuals, specifications, etc. for the City of Mt. Juliet. Selected candidates will be required to complete pre-employment testing as deemed necessary by each specific position. You will need to hold a valid TN driver license. Excellent benefits and TCRS Retirement; Salary DOQ.

Detailed job descriptions and requirements are available online. Applications must be filed electronically and are available at the City's website, www.mtjuliet-tn.gov. This position will be open until filled. The City of Mt. Juliet reserves the right to stop accepting applications at any time. For questions, regarding the electronic application process, please call (615) 754-2552.

TDOT

Graduate Transportation Assistant (GTA)



The TN Department of Transportation is currently recruiting for entry-level civil engineers for our West, Middle and East Tennessee locations. We are looking for recent civil engineering graduates and students who are graduating in May 2020 with a civil engineering degree. TDOT's Graduate Transportation Associate (GTA) Program is a highly competitive, professional development sequence that allows entry-level civil engineers to gain hands-on experience in the areas of maintenance, construction, design and project management. These positions will be posted on our TDOT Careers website until Thursday, March 5, 2020. Click [HERE](#) for more information

GMC

Water/Wastewater /Utility Design



Goodwyn Mills and Cawood, Inc. (GMC), one of the region's largest privately-held architecture and engineering firms with more than 400 employees, is seeking a WATER/WASTEWATER/UTILITY DESIGN ENGINEER with 5-10 years' experience to join our Nashville, Tennessee team. Applicants should be a registered PE with licensure in Tennessee or able to obtain within 1 year. This is an exciting opportunity for a self-motivated engineer to work in a growing office. We are looking for someone who has excellent client interaction skills and can manage and lead planning and design projects for water, wastewater treatment, and utility design projects in Tennessee and other southeastern states.

Responsibilities include, but are not limited to:

- Provide technical design on water/wastewater treatment/utility design projects and technical support to the team
- Lead preparation of design calculations and analysis
- Coordinate project schedule and production so projects are completed in a timely manner and within budget
- Lead project team, support staff and coordinate

- with other disciplines for execution of the project
- Prepare and oversee detailed construction document packages (plans and specifications) and all deliverables for client

Minimum Qualifications:

- Bachelor's Degree in Civil/Environmental Engineering is required
- At least 5 years of water/wastewater/utility project experience since Bachelor's degree
- Registration as P.E.
- Strong written and spoken communication skills
- Experience as a leader, mentor, and problem solver with a determination for excellence

ASCE Nashville Branch

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