

# A LEVEL LINE

February 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 Cochrane](#)

Dear ,

I hope the new year is starting off well for everyone. The Nashville Branch has some great events coming up 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 to the Nashville Branch. Engineers' Week is in February and so is your opportunity to volunteer at the Bridge Competition or the Adventure Science Center. You can also make plans to visit a local school.

I want to encourage everyone to renew their ASCE membership for 2020. The Nashville Branch of ASCE is an award-winning branch with almost 1,000 members. Our network is strong and wide-reaching. We have members in Dickson, Murfreesboro, Columbia, Gallatin, Murfreesboro, Cookeville, and other communities outside of the Metro Nashville area. If you are in one of these outlying areas and cannot regularly attend lunch meetings, I would like to invite to you plan a networking meeting in your city. This meeting can be over breakfast, lunch, or dinner at a local restaurant or your office. The Nashville Branch board can help you locate other members in your area to invite. If you are interested in planning a meeting, please [email me](#) and we will get more information to you.



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

## Meeting Minute

In lieu of National Engineers Week, the ASCE Nashville Branch will not have a Branch Lunch meeting this month. We want to encourage all of our members to support some of the E-week activities around town and at the local high schools. In addition to the local support, you can find out more about the YMG activities in our Level Line.

## Upcoming Events

## Quick Links

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

## Stay Connected



## 2019 Sustaining Members



Tennessee State - [John Brew](#) & [Ron Oniszczak](#)  
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](#)

- Monday, February 17th - Annual Nashville Branch Bowling Tournament and Dinner: Smyrna Bowling Center, 6:30 pm
- Saturday, February 22nd - Engineering Day Celebration: Adventure Science Center, 10:00 am - 4:00 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:



Khalid Alasem, Lucas Brooks, Jordan Burgess, Jackson Cordell, Salvador Durruty, Jack Finch, Josue Garduno, Mina George, Dennis Hartzell, Joseph Hitchcock, Tobias Houghton, Courtney Howarth, Nicholas Laning, Tyrique McShand, Erin Olender, Joseph Ottolino, Vatsalkumar Patel, Ashley Pelham, Michael Roman, & Chardin Stengele

### Happy birthday to these members:

Anthony Adamo, Asher Benedict, Brannon Bowling, Jacob Brooks, Michael Burnson, Lori Cox, Matthew Crispi, James Culp, Joel Dermid, John Dirugeris, Meadya Doski, Don Dotson, Davis Duncan, Michael Flatt, David Flynn, Paolo Fonda, Preston Funkhouser, Jeffrey Gatscher, Chase Goodwin, Chris Gwaltney, Robert Hackett, Chris Hammer, Norman Hanson, Drew Hardison, Dennis Hartzell, James Hatfield, Hunter Hayes, Mark Hilner, Tiffany Ibido, Linda Ingram, Caroline Janssen, Aubrey Kelley, Randall Kemp, Noah Kimbrough, Brian Koelsch, George Kurz, Stephen Lane, Mitchell Lasley, Eugene Leboeuf, Mark Lee, Samuel Lewis, Robert Link, James Littlejohn, Mark Macy, Jeremiah McGalliard, Kevin Monroe, Constantine Moshi, Mark Noe, Sarah Norman, David Parker, John Perry, Jon Perry, Darek Potter, Lilli Powell, Monica Sartain, Jugbir Singh, Daniel Smola, Francina Sosa, Andrew Stanford, Jeffrey Stevens, Joey Stiles, Caylie Stockton, Joshua Stokely, Alan Stuemke, Lucas Sullivan, Joe Thweatt, Richard Wakeman, Robert Westerman, Richard Williams, Rebecca Williamson, & Gregory Wilson



## 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

**Carpenter Wright Engineers**  
Structural Consultants

**CDM Smith**

**CEC**  
Civil & Environmental Consultants, Inc.

**CSDG**  
Planning | Engineering  
Landscape Architecture

**DRUMPEY, DILLING & ASSOCIATES, P.C.**  
ENGINEERING CONSULTANTS

**Ei ENERGY LAND & INFRASTRUCTURE**  
ENGINEERS • SURVEYORS • INFRASTRUCTURE • ENVIRONMENTAL

**GEOS**  
GEOServices, LLC-Geotechnical and Materials Engineers

**geotechnics**  
geotechnical & geosynthetic testing

**GEOTEK**  
Geotek Engineering Company, Inc. • Nashville, Tennessee

**GMC**

**Gresham Smith**

**McMILLEN JACOBS ASSOCIATES**

**PCA**  
POWER CONSULTING ASSOCIATES  
Powerful experience you expect.

**RAGAN SMITH**

your membership provides you please click [HERE](#).

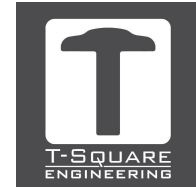
## 100th Year Anniversary Committee



**SAIN**  
ASSOCIATES

### 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

### 2020 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](#).

Thanks to all of our 2019 sustaining members!

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

## Sports

### 19th Annual Nashville Branch Bowling Tournament

Please join us for our 19th Annual Nashville Branch Bowling Tournament and Dinner on Monday, February 17th. The tournament will be held at the Smyrna Bowling Center, located at 95 Weakley Lane in Smyrna. Registration will begin at 6PM and the first frame will begin at 6:30PM. The cost is \$50 for an individual and \$200 for a team of 4. The cost includes three



games, shoe rental, 2 slices of pizza, and a soft drink. There are also opportunities for sponsorship.

To register online click [HERE](#). Find more information [HERE](#). If you have any questions, please contact Eric Gardner at 615-979-4382 or email him [HERE](#).

## 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](#).

## PE Review Course

### Spring 2020 PE Exam Review

Are you taking the PE Exam on April 17, 2020? If so, ASCE's PE [Civil exam review course](#) will be held at Lipscomb University in the Fields Engineering Center and will be available In-Person and via videoconferencing. Click [HERE](#) to register.



## 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

We have started planning for the 2020 Music City Bridge Competition to be held on February 29, 2020 from 9:00 am-noon at Vanderbilt's LASIR facility.



The competition entails high school students making bridges out of bass wood and bringing them to test at the competition for a chance at prizes and an opportunity to qualify for the national competition. Feel free to pass along the info to any high school students or teachers you know. If you'd like to get involved in this event and the planning to facilitate it, please contact [Justin Corbitt](#) or [Janey Camp](#).

## 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

### Daniel V. Terrell Competition



Attention Younger Members! The topic for the 2020 Daniel V. Terrell Paper Competition has been announced. Please click on the link [HERE](#) for more information about the competition, this year's

topics, and the cash prize.

### Engineers Day at the Adventure Science Center

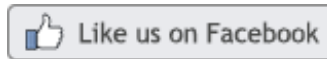
The Younger Member Group will be hosting a booth at the Adventure Science Center for their Annual



Engineering Day Celebration on Saturday, February 22, 2020 from 9AM-4PM as part of National Engineers Week. We would like to invite you to participate in the

event by joining us in the booth to engage with students and conduct hands-on engineering-related activities. There will be multiple time slots available for volunteering: 10AM-12PM, 12PM-2PM, and 2PM-4PM. This event is open to Younger Members, Student Members, and Branch Members. Lunch will be provided for all volunteers! If you are interested in volunteering, please email us [HERE](#).

## Subscribe to Our Emails



## Student Chapter Updates

### Lipscomb University

The spring semester begins as Lipscomb's ASCE chapter gets rolling with things! Our first member meeting of the year was on January 15th, 2020 and the turnout was great. Barge Design Solutions gave a presentation to future Civils', leaving them with prominent knowledge of the company's work, real life advice, and inspiration.



Furthermore, national competitions have started to ramp up. The Steel Bridge team have begun fabrication for the steel bridge competition: beginning to cut steel, welding, and sanding. This year the steel bridge team has a lot of members so they are hopeful in an early finish of the steel bridge. The Concrete Canoe team has also started with the concrete canoe competition by beginning concrete testing, creating a mold, and casting within the following weeks. Lipscomb's ASCE chapter is excited to see national and small competitions get back to work.

Lipscomb is also looking forward to hosting the ASCE Regional Director Mr. Bob Cagle and the Nashville Younger Member Group on January 22, 2020. They will be sharing their experiences in ASCE and how students can get involved post-graduation.

### Tennessee State University

TSU Student Chapter has had a great start year in 2020. We have two students going to the



Workshop for Student Chapter Leadership from January 30 through February the 1st. Our first concrete canoe in many years is well on its path to completion. We are also excited to be doing many events and activities at the Southeastern ASCE conference in March. We are expanding our branch with a wider range of new students, and we look forward to a bigger and better year here at Tennessee State University.

## Vanderbilt University

Vanderbilt University's American Society of Engineers (ASCE) chapter has kept busy this winter season! Between making and donating tie blankets for charity, shucking bamboo to create a sustainable bus shelter, pouring molds for concrete canoes for the annual



VANDERBILT  
UNIVERSITY

Southeastern ASCE Conference and celebrating the holidays with their peers, the chapter has made sure to make the start of the semester sustainable, goal-oriented, and fun. The chapter has also been fortunate enough to hear phenomenal presentations regarding aviation and airport terminal engineering from Atkins and more about the engineering taking place in their own backyard from the Executive Director of Mobility for Vanderbilt. Lastly, the group is getting ready to host their annual Industry Night on February 6th, and has been working on professional development through resume and cover letter editing. All excitement on Vanderbilt's end as these events draw near!



## Job Postings

TDOT

Entry-level Civil  
Engineer



The TN Department of Transportation is currently recruiting for entry-level



civil engineers for our West, Middle and East Tennessee locations. TDOT is 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 are posted on the [TDOT Careers website](#) until Thursday, March 5, 2020.

ASCE Nashville Branch

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