

A LEVEL LINE

April 2019

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Key Contacts

Branch Officers

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Past President - [Clint Camp](#)
President-Elect - [Suzanne Herron](#)
Vice President - [Kenneth Perkins](#)
Treasurer - [Dustin Scuggs](#)
Secretary - [Christian Reid](#)

Board of Directors

[Eric Gardner](#)
[Kevin McAlister](#)
[Monica Sartain](#)
[Ashley Smith](#)
[Kate McBreen](#)

Practitioner Advisors

Lipscomb - [Jeff Hooper](#) & [Michael Cochrane](#)
Tennessee State - [John Brew](#) & [Ron Oniszczak](#)
Vanderbilt - [Ashley Smith](#) & [Kyle McLemore](#)
Tennessee Tech - [Patrick Leap](#) & [Tyler Marshall](#)

Committee Chairs

Awards - [Monica Sartain](#) & [Philip Stuckert](#)
Educational Outreach - [Janey Camp](#) & [Brian Reynolds](#)
Newsletter - [Ashley Smith](#)
Scholarships - [Bill Forte](#)

Greetings!

April showers bring May floods...oh wait, that's May FLOWERS, at least let's hope it is not the former. I am thankful for the Civil Engineers that were able to minimize the recent flooding Middle Tennessee has experienced. Much of the public doesn't realize how bad it would be without our great storm water engineers. We need to remind the public of that every chance we get.

April is the month that the Branch sets aside to honor our outstanding members. The April monthly meeting is our AWARDS NIGHT when we honor the top Government Engineer, Young Engineer, Engineering Educator, Distinguished Service Member, Student Member, and the Engineering Project of the Year. Please come to the ceremonies and help us celebrate their success. We will also honor those members who have reached the Life Member status in ASCE. A Life Member is an individual who has made a lifetime commitment to ASCE and the civil engineering profession by remaining a member for the full length of their professional career.

I hope to see you at the April meeting and thanks for all of you who help to make our Branch GREAT!

Chris A. Gwaltney, P.E. M.ASCE
Nashville Branch President



Meeting Minute

Our April Branch meeting will be dedicated to those who serve our organization and stand out among our members in terms of achievements. Our annual Awards Banquet and Life Member Celebration will be held on April 18th, 2019 at Saltine Restaurant, Delta Room, 1918 West End Ave. Registration will begin at 6:30 pm and dinner served at 7:00. Please register [HERE](#) for the April Dinner by Friday, April 12th if you plan to attend.

Quick Links

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

Stay Connected



2019 Sustaining Members



Social Media/Webmaster - [Lily Moritz](#)
Sports - [Eric Gardner](#)
Sustaining Membership - [Mike Kusch](#)
Diversity & Inclusion - [Christian Reid](#)

YMG Officers

Chair - [Kate McBreen](#)
Past Chair - [Kyle McLemore](#)
Vice Chair - [James Ensley](#)
Secretary - [Lily Moritz](#)
Treasurer - [Caroline Davis](#)
Service Director - [Emily Waldon](#)
Social Director - [David Layhew](#)
Student Liaison - [Kenneth Frye](#)
PE Review Director - [Kenneth Perkins](#)
Technical Director - [Vacant](#)

The Golf Tournament will take the place of our May Branch meeting. We look forward to seeing you at the Hermitage Golf Club on May 23rd.

Mark your calendar for our June Luncheon meeting on June 20, 2019. TDOT Commissioner Bright is scheduled as our speaker.

Upcoming Events

- Wednesday, April 17th - YMG Trivia Night: Two Bits, 6:45pm
- Thursday, April 18th - Annual Awards Dinner: Saltine, 6:30pm
- Wednesday, April 24th - Monthly Branch Board Meeting: TEC Board Room, 11:30am - 1:00pm

New Members & Birthdays

Welcome to these new members:



Evelyn Turner, Luke Klausner, Andrew Reed, Aung Khant, Zhiwar Rashid, & Micah Hord

Happy birthday to these members:

Abdulrahman Abbas, Hiba Abounassif, Douglas Adams, John Allen, Roy Andrews, Christopher Ballou, Hal Balthrop, Andrew Barlow, Dennis Borders, Gary Bouton, John Brew, Matthew Brown, Myles Burks, Matthew Burns, Kelsy Campbell, Everett Cowan, Charles Duckworth, Henry Dunning, Allan Ellis, Juan Escobar, Rachel Evans, John Farmer, Masoud Fathi, Patrick Flood, John Fox, Roger Freeberg, James Golias II, William Griggs, Nolan Gross, Andrew Grosson, Qais Hantouli, Trey Hightower, Thomas Hollinsworth, Jonathan Honeycutt, Micah Hord, Christopher Hulsey, John Hunt, John Jacoby, Justin Jernigan, Caleb Jones I, Alfred Kalyanapu, Ethan Kluding, Andy Krantz, Andrew Leuthold, Shihong Lin, Jessica Lucyshyn, Johnson Luma, Earl Mayo, Kevin McAlister, Emily Morgan, Robert Morton, Drew Muirhead, Houston Neal, Jessica Neal, Benjamin Nelson, Kyle Ogden, Philip Pace, David Parker, Kenneth Perkins, Winford Petrone, Randall Pierce, William Prettyman Jr., Steve Pudlo, Andrew Reed, Michael Reed, Oscar Restrepo, Larry Ridlen, Kelly Roach, John Roberts Jr., Kenneth Schnaars, Lokman Sharara, John Skelton, John Smith, Mark Spalding, Berndt Spittka, Robbie Stephens, Dominic Stone, David Strong, Edward Thackston, Jaideep Thota, Jack Tompkins II, Evelyn Turner, Timothy Turner, Salvador Vilches Diaz, Alex Wigger, Joey Wilson, Jordan Wilson, Randall Wilson, & Benny Word



Sports

27th Annual Scholarship Fund Gold Scramble and Lunch

CDM Smith

CEC
Civil & Environmental Consultants, Inc.

DEMPEY, DILLING & ASSOCIATES, P.C.
ENGINEERING CONSULTANTS
200 HARRISON DRIVE
NASHVILLE, TENNESSEE 37115
PH: 615-252-2222 FAX: 615-252-2222
WWW.DEMPEYDILLING.COM

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

PCA
POWER CONSULTING ASSOCIATES
Powerful experience you expect.

RAGAN SMITH

SAIN ASSOCIATES

Structural Design Group

TRESTLES

W&A Engineering

Thanks to all of our sustaining members!

To join or renew your membership for 2019, please contact [Mike Kusch](#).

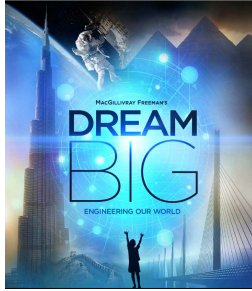


ASCE will hold its 27th Annual Scholarship Fund Golf Scramble and Lunch at Hermitage Golf Course on Thursday, May 23rd. Proceeds raised from our Golf Scramble help to fund our annual scholarships given each April to civil engineering students.

Click [HERE](#) for more information on the event. Contact Eric Gardner by email or by phone at 615-979-4382 with any questions. Register online [HERE](#).

Educational Outreach

ASCE Nashville Branch Board Pledges to Help Place Dream Big: Engineering Our World Film DVDs in Area Schools



The Dream Big Educational Toolkits (2-DVD set which includes the film, teacher's guide, and additional videos and webisodes) have been sent out to schools in our area. The flyer being sent to schools with the DVD set is attached [HERE](#).

As the DVDs start to arrive at schools, we hope to have local engineers ready to make classroom visits to talk about what they do with students as requests come in. If you're interested in helping visit area schools to talk about engineering and what you do (we will work to optimize school visits based upon on schedule availability and geographic proximity), please contact please contact [Janey Camp](#).

2019 Music City Bridge Competition

The 2019 Music City Bridge Competition will took place on March 2nd at the Vanderbilt LASIR Facility in Metro Center. 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. This year, we had about 40 bridges and checked about 15 that passed initial screenings to see if they qualified for testing and tested 11 bridges to failure. The top two winners qualify for the national competition.

The winners of this year's competition were the following:



- 1st place to Nancy Hoang, Overton High School (for the second year in a row) - not pictured (a classmate tested her bridge for her)
- 2nd place to Addison Pounders, Blackman High School
- 3rd place to Bryan Galvan, Overton High School

Thanks to all the volunteers that helped with the competition this year!



Middle Tennessee STEM Expo - April 9th at MTSU - VOLUNTEERS NEEDED

For several years, ASCE has helped sponsor the Middle TN STEM Expo where students present their science, engineering, and technology projects in a science fair format. We need individuals to help as judges from 8:00 - noon. Volunteers are also needed from 8:00 - 2:00 to help with the ASCE table to talk to students about engineering as a career, etc. If you'd like to sign up to help with this event, please contact [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. The annual ACE Mentors banquet will be on April 25th and will showcase student design projects from across the region. 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

Joint Summer Social



The Younger Member group is excited to co-host along with other emerging professional organizations our 4th Annual Summer Social! This event will include a cornhole tournament, door prizes, and great opportunity to network with several local design professionals and organizations on May 2nd at Jackalope Brewing's new taproom in Wedgewood Houston. More details regarding registering to attend, compete in the tournament, and/or sponsor this event will follow in the coming days so be sure to reach out to the YMG if you or your firm are interested! Register [HERE](#)

Trivia Night

TWO BITS

The ASCE YMG is planning on hosting a team again for Trivia Night on April 17th, 2019 at Two Bits (1520

Demonbreun St, Nashville, TN 37203). This event is open to younger members, members, interested non-members and plus ones. Appetizers will be provided!

If you plan on attending, RSVP is requested sometime between today and April 10th. The first 10 people to RSVP will be guaranteed a spot on the team. A younger member's representative will get there early to save a table and all attendees are encouraged to get there by 6:45 PM to give input on team names, appetizer options, and introductions as needed. The actual trivia begins at 7:30 PM.

Please RSVP with the Social Chair, [David Layhew](#), as soon as possible.

St. Jude Rock N Roll Marathon Volunteer Opportunity

Rock'n'Roll MARATHON SERIES®

ASCE YMG will be volunteering with the 2019 St. Jude Rock 'n' Roll

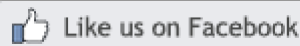
Marathon. We will be handing out water at Granny White Pike between Clayton Ave and Ferguson Ave from 5:40am-10:20am. I know this is early, but it very important to not only our city but also St. Jude and their cause!

This is the 2nd largest Rock 'n' Roll Race in the country and we have 35,000 runners that come to the city for this! This event makes a huge impact on Nashville so

please consider volunteering! If you plan on attending, please complete your registration no later than Monday, April 15th. Please follow the instructions below to officially register to be volunteers for this year's race.

[Marathon Water Station Registration](#)

- At the top of the page you will see 'Have a password? Enter it here: _____'
- Groups password is asce2019
- You will scroll down and find the highlighted shift
- Please confirm it says 'Water Station #4 - American Society of Civil Engineers' and check the box
- Continue to scroll down the page until you start filing out your information
- Make sure to check the box under the waiver and type your signature, and 'CLICK TO SUBMIT' to complete



UESI Pipelines 2019 Conference

Save the Date!



Save the date...for the Utility Engineering & Surveying Institute (UESI) Pipelines 2019 Conference in Nashville, TN July 21-24, 2019. Stay tuned for opportunities to support this great even right here in Music City.

<https://www.pipelinesconference.org/>

UESI Pipelines 2019 Conference

Nashville, Tennessee | July 21–24, 2019

Student Chapter Updates

Lipscomb University



As the school year winds down to an end, Lipscomb ASCE has been busy, busy, busy. Our March chapter meeting was held on the 13th and featured our practitioner advisors, Jeff Hooper and Michael Cochrane, who helped prepare our members for the future by speaking about job etiquette, interviewing tips, and other necessary skills in the engineering field. Our members are wrapping up their student competitions in time for the AISC and ASCE student conferences in Knoxville the 28th- 30th. Lipscomb will be competing in Steel Bridge and Concrete Canoe, among other small competitions. Our chapter will also be hosting a fundraiser at Chipotle on Hillsboro Pike on Tuesday, April 16th from 5:00 - 9:00 PM to help support our chapter's activities and outreach.

Tennessee State University



On March 12, 2019, Dr. Lin Li and Dr. Armwood invited 20 undergraduate students of Civil Engineering Program and

Architectural Engineering Program to visit Turner Construction Site at Downtown Nashville. Students toured a 27 floors high-end apartment building to see the structural components and mechanical parts during the construction phase.



Vanderbilt University

Vanderbilt is striding our way through the semester! We're currently deep in preparation for the Southeast ASCE Conference this last weekend in March. This includes seismic testing of balsa wood towers built by our structural design class - the best performing building goes to conference! We also took a site tour of the new residential college being built on campus. It's exciting to see the civil engineering behind something we will interact with in our day-to-day lives.



VANDERBILT
UNIVERSITY



Job Postings

Geotechnics



**Position Title: CQA
Field Technician II**

Reports To: Project Coordinator, Regional Manager
Pay Grade: Based on experience

Basic Function:

Perform multiple field tests in accordance with all applicable Geotechnics' Standard Operating Procedure (SOP) or other project specific procedures under the direction of the Project Coordinator or Regional Manager. Complete all required documentation and data sheets in accordance with training and standard operating procedures.

Required Qualifications:

The CQA Field Technician must be a high school graduate. College coursework in related discipline is preferred. At least 2-4 years' experience in geotechnical and/or geosynthetics testing and observation is required. Excellent math and oral and written communication skills are required.

Specific Responsibilities:

- * Compaction testing of soils using nuclear and conventional methods;
- * Concrete testing in accordance with ACI guidelines;
- * Detailed reporting of field observations and test data on a strict and rigid schedule;
- * Strictly follow all applicable SOPs for performing tests. Ensure that SOP and standard test method (such as ASTM or GRI) are being followed and accessible or available at all times.
- * Work independently and understand and utilize the proper operating and maintenance instructions of the equipment. Comply to client requests in an efficient and rapid manner;
- * Inspect equipment calibration stickers and determine if it is in proper calibration status. Inform the Project Coordinator;
- * Perform self-inspection of equipment and required in-progress quality control;
- * Properly complete all required documentation and data sheets.

Specific Authority:

- * Observe test and document field operations in accordance with procedures;
- To initiate and commence testing in accordance with SOP or applicable procedures.

City of Springfield**Engineering Specialist (Level 19) | Springfield, TN**

Salary Range: \$62,504 - \$85,966/YR.

Hiring Range: \$62,504 - \$71,676/YR.

Positions Available: (1)

Contact Office:

City of Springfield, Personnel Office, 405 N. Main Street
Springfield, TN 37172 (615) 382-2200

Job Description

Performs difficult professional work in the design and maintenance of water treatment and water distribution systems and wastewater collection and wastewater treatment systems. Does related work as requested from the director of the department.

Job Responsibilities

Plans and designs water treatment, water distribution, and wastewater collection and wastewater treatment systems.

- Calculates the optimum operating parameters for operation of water systems and wastewater collection systems to ensure compliance with all rules and regulations.
- Meets with contractors, builders, and owners in planning the design of water and wastewater services for their projects.
- Oversees the maintenance, modification, and repair of key components of the water treatment and distribution systems and wastewater collection and treatment systems.
- Designs system extensions to be incorporated into the existing systems.
- Inspects engineering work for compliance with federal, state, and local laws and regulations.
- Works in conjunction with water and wastewater superintendents, along with water and wastewater operations and maintenance personnel.

To apply go to the following website: [HERE](#)

GeoServices, LLC



GEOServices, LLC is in search of an entry to mid-level geotechnical engineer to join our fast paced, rapidly expanding team. The successful candidate will have a B.S. in Civil Engineering with focus of Geotechnical Engineering, and have preferably obtained their E.I. certification. The successful candidate will be tasked with geotechnical and construction services project management, coordination with subcontractors, and assisting with select engineering assessments. The successful candidate will also be responsible for technical report formulation and delivery. Fieldwork to office work mix will be about 50/50. The majority of projects can be expected to be located within the central Tennessee (Nashville) area, with limited amounts of extended travel. Serious candidates only need apply. If you are interested, please contact David Perry at 615-547-9314 or perry@geoservicesllc.com.

