

A LEVEL LINE

February 2019

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Key Contacts

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Past President - [Clint Camp](#)
President-Elect - [Suzanne Herron](#)
Vice President - [Kenneth Perkins](#)
Treasurer - [Dustin Scroggs](#)
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[Kevin McAlister](#)
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[Ashley Smith](#)
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Tennessee State - [John Brew](#) & [Ron Oniszczyk](#)
Vanderbilt - [Ashley Smith](#) & [Kyle McLemore](#)
Tennessee Tech - [Patrick Leap](#) & [Tyler Marshall](#)

Committee Chairs

Greetings!

February is here already? The good news is that February is typically the last winter month that is **REALLY COLD!** Don't forget that we do not have a luncheon meeting in February, but there are plenty of Engineers Week (February 17-23) events for you to fill up your calendar. And don't forget the annual Bowling tournament scheduled for February 26 at the Smyrna Bowling Center. Proceeds go to the Nashville Branch Scholarship Fund.

Suzanne is finalizing details for the March luncheon meeting and I challenge you to bring a guest(s). The incentive (a free lunch) for bringing a non-member to the luncheon meeting will be extended to the March meeting, so plan now on who you want to invite.

NOMINATE a project and/or a person for the Nashville Branch Awards. Nominations are due by March 4, 2019. Please also encourage civil engineering students to apply for the Branch scholarships. Those applications are due March 15, 2019. Presentation to award winners will be made at the April Branch Awards night. There are also Society (national) awards and scholarships that we have multiple good candidates for, so apply to those as well.

Thank you for being a part of our ASCE family.

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



Meeting Minute

There will be no Nashville Branch meeting in February. Please participate in E-week activities!

We are working on planning the March Branch meeting. Hope to see you on March 21.

NEWS FLASH.... As an incentive to get new members into our fold we will offer a (future) free lunch to any

Quick Links

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

Stay Connected



2018 Sustaining Members

- [Advanced Drainage Systems, Inc.](#)
- [ATC](#)
- [Barge Cauthen & Associates, Inc.](#)
- [Barge Design Solutions, Inc.](#)
- [Benesch](#)
- [Brown & Caldwell](#)
- [CDM Smith, Inc.](#)
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- [Civil Site Design Group, PLLC](#)
- [Dempsey Dilling & Associates, P.C.](#)
- [ELI, LLC](#)
- [Geotek](#)
- [Geotechnics](#)
- [Ingram Civil Engineering Group, LLC](#)
- [Jacobs](#)
- [Lose & Associates, Inc.](#)
- [Neel-Schaffer](#)
- [Power Consulting Associates, LLC](#)

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

current member that registers a non-member guest for this event. The non-member guest will eat free! A "free guest" registration option will be added to the registration page. If you have already registered, just let us know at the door who your registered free guest is and we will give you a voucher for a future lunch.

Upcoming Events

- Sunday-Saturday, February 17th-23rd - E-Week
- Tuesday, February 26th - Annual Branch Bowling Tournament: Smyrna Bowling Center, 6:30pm
- Wednesday, February 27th - Monthly Branch Board Meeting: TEC Board Room, 11:30am - 1:00pm
- Saturday, March 2nd - Music City Bridge Competition: Vanderbilt LASIR Facility

New Members & Birthdays

Welcome to these new members:



Hiba Abounassif, Lana Albasri, Justin Baker, Hal Balthrop, Mandi Bays, Laura Darnall, Alexander Farris, Leya Franklin, Ethan Harper, Jaclyn Huit, Justin McDade, Benjamin Mitchell, William Morrison, Pragati Mysore
Paramesh, Galine Patale, Daivion Shepherd, Jonathon Vance, Samuel Velazquez, & Emily Wiseman

Happy birthday to these members:

Anthony Adamo, Kelly Babcock, John Basinger, Joseph Bender, Asher Benedict, Brannon Bowling, Jacob Brooks, Lori Cox, Matthew Crispi, James Culp, Joel Dermid Jr., John Dirugeris, Don Dotson, Davis Duncan, Michael Flatt, David Flynn, Paolo Fonda, Preston Funkhouser, Jeffrey Gatscher, Dakota Goodwin, Chris Gwaltney, Robert Hackett, Chris Hammer, Norman Hanson, Tyler Hardee, Drew Hardison, Justin Harrell II, Armond Harris, Hunter Hayes, Mark Hilner, Thomas Hoffpauir III, Tiffany Ibido, Linda Ingram, Caroline Janssen, Aubrey Kelley III, Randall Kemp, Ahmed Khalafallah, 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, David Parker, Katie Peay, John Perry, Jon Perry, Lilli Powell, Zach Ring, Monica Sartain, Shikhar Shukla, Jugbir Singh, Daniel Smola, Francina Sosa, Andrew Stanford, Joshua Stokely, Alan Stuemke, Lucas Sullivan, Henrik Thomsen, Caleb Thorne, Joe Thweatt, Richard Wakeman, Robert Westerman, Richard Williams, Gregory Wilson, & Mark Woods



[Ragan-Smith Associates, Inc.](#)

[Sain Associates, Inc.](#)

[Structural Design Group](#)

[Trestles, LLC](#)

[T-Square Engineering](#)

Thanks to all of our sustaining members!

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

Free PDHs and Membership Reminder



We've had another great year for the Nashville Branch of ASCE. I 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 continue your membership with ASCE into 2019. To complete your renewal please use the link we have provided [here](#).

Also don't forget that your membership comes with 10 PDHs, 35 technical Journals and 250 Civil engineering news topics.

Sports

18th Annual Bowling Tournament & Dinner

The Nashville Branch will be hosting its 18th Annual Bowling Tournament and Dinner on Tuesday, February 26th. The event will take place at the Smyrna Bowling Center, located at 95



Weakley Lane in Smyrna. All proceeds raised from the event will benefit the Nashville Branch Scholarship Fund. The event is limited to the first 24 teams that are registered and paid. Click [HERE](#) to register. Please contact [Eric Gardner](#) to if you have any questions.

Annual Golf Tournament



Save the date! The Annual Golf Tournament will be on Thursday, May 23rd. More information to follow...

Awards

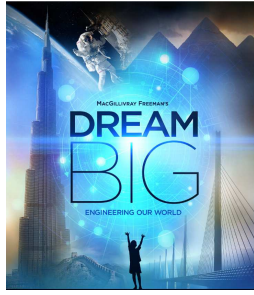
ASCE Nashville Branch Award Nominations

The Nashville Award Season has begun! Do you know of a project, colleague, mentor, or mentee worthy of nominating for the 2019 Nashville Branch Awards? If so, review the Awards Criteria [HERE](#). Nominations are due Monday, March 4, 2019. If you have any questions, please contact [Monica Sartain](#) or [Philip Stuckert](#).



Educational Outreach

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



The Dream Big Educational Toolkits (2-DVD set which includes the film, teacher's guide, and additional videos and webisodes) were sent out to schools in December. 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 [Janey Camp](#).

2019 Music City Bridge Competition - March 2nd

The 2019 Music City Bridge Competition will take 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. Also, if you know a high school student (or class) that would be interested in competing, please see the attached flyer or check out our [Facebook page](#). We will have another planning before the event and welcome anyone interested in getting involved. If you'd like to help out, 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. You can learn more about ACE [HERE](#). If you'd like to get involved and participate as a volunteer mentor, please contact [Janey Camp](#) or [Jack Tipton](#).

Younger Member Group

Younger Members Trivia Night

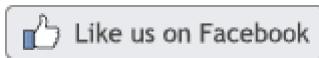
The ASCE YMG is planning on hosting a team for Trivia Night on Feb 13th, 2019 at Two

TWO BITS

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! The more people we have, the more likely we are to come up with the correct answers or several wrong answers.

If you plan on attending, RSVP is requested sometime between today and February 8th to ensure a seat at the table. 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.



Southeast Student Conference

The University of Tennessee is excited to host the 2019 ASCE Southeastern Student Conference. During this three day event, engineering students from over 20 schools will travel to Knoxville's campus to engaging in networking and



competition activities. UTK is looking for volunteers to help with the various events throughout the weekend. The [conference website](#) includes information about each specific competition that will take place.

If you are interested in volunteering, please sign up with this [link](#) to be sure you will receive communication as the event nears. For any questions, please contact [Jenny Retherford](#).

2019 Daniel V. Terrell Paper Competition



The Daniel V. Terrell Paper Competition have been released. If one chooses to enter the Daniel V. Terrell competition, the paper must be submitted to the Terrell Committee, by the

entrant's Section President, by March 1, 2019. Two (2) papers per Section may be entered in the Daniel V. Terrell Paper Competition. The entrant must then present their paper during the Spring 2019 Meeting of the Region 4 Assembly (specific dates and location to be

determined). The full rules and requirements can be found [HERE](#).

Scholarship

ASCE Nashville Branch Scholarship

It is that time of year when students are starting to think of what may be ahead for them in the upcoming school year. For the parents and the students, the ever-increasing expenses of higher education are fresh on their minds.



The Nashville Branch membership has been generous and has provided some assistance for the Civil Engineering students at our four local universities. The Nashville Branch has granted almost \$150,000.00 in scholarships the last 24 years to junior, senior and graduate Civil Engineering students. We will typically award three scholarships to those students who demonstrate the quality and standard that meets the goals of the Nashville Branch.

We continue to encourage students at LU, TSU, TTU, and VU to take advantage of this program. Do not forget that students working toward a graduate degree in Civil Engineering are also eligible.

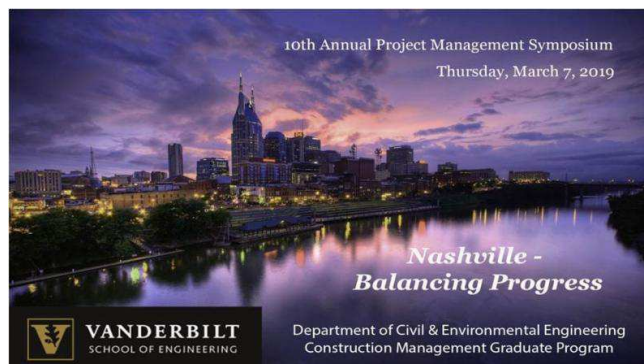
The scholarship program is also available to the children of current members of the Nashville Branch who are enrolled in Civil Engineering, regardless of the school they attend.

Click [HERE](#) for a copy of the application and more information. The application deadline (by mail or email) is **midnight, March 15, 2019**.

10th Annual Project Management Symposium

Nashville - Balancing Progress

10th Annual Project Management Symposium
Brought to you by the Construction Management
Graduate Program, School of Engineering, Vanderbilt
University



Date:
Tuesday, March 7, 2019

Location:
School of Engineering
Vanderbilt University
400 24th Avenue South (Featheringill Hall)
Nashville, Tennessee 37235

Program:

- **The program will include presentations on exciting projects planned for Nashville and Middle-Tennessee by eminent professionals from the development, legal, architecture and construction community**
- **Speakers include: Charles Robert Bone, Chairman on Board - MDHA; Matthew Olender, P.E., S.I., Thorton Tomasetti; Chief Economic Development Officers of Nashville, Rutherford and Williamson Counties.**
- **Space is LIMITED to first 110.**

Registration information: [HERE](#).

Register by Friday, February 22, 2019 for EARLY BIRD RATE (\$299). Regular registration extends to March 1, 2019 for \$399.

For questions or more information:
Contact Charity Backs by [email](#) or by phone at 615-322-6405.

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 event right here in Music City.
<https://www.pipelinesconference.org/>

UESI Pipelines 2019 Conference

Nashville, Tennessee | July 21–24, 2019

Student Chapter Updates

Lipscomb University

The Lipscomb ASCE chapter hits the ground running in 2019 with intensive



development and preparation for the regional ASCE concrete canoe and AISC Steel bridge Competitions. During our monthly chapter meeting our ASCE Officers presented in more detail about these two competitions as well as the many small competitions that are available to compete in during this conference. These presentations helped to attract more participation from the rest of our chapter. To finish out the month of January, we have a group of our newly elected ASCE

officers attending the regional ASCE Officer conference in Orlando, Florida. Through this event we are hoping to learn new leadership skills to further develop our Lipscomb chapter.

Tennessee State University



TSU ASCE had a kickoff meeting with our practitioner advisors John Brew and Ron Oniszcask, to

discuss the 2019 TSU student chapter activities and monthly schedule. We are proposing Friday training session by industry 1:1 to our students for software and engineering skills; field trip; guest speakers; geowall competition; and TSU Engineering Recruitment "Meet the Firm". Our new department Chair Dr Lin Li (PhD, PE, Fellow of ASCE) is the new faculty advisor. He will lead the student chapter activities.

Vanderbilt University

Vanderbilt ASCE is off to a great start this year! At our kickoff meeting, we had two past graduates who are now working in Nashville come in and give an inside view on Stanley D. Lindsey and Associates' Fifth and Broadway development project, a mixed-use project at the site of the former Nashville Convention Center. Additionally, we toured the Nashville Yards construction site with Clark Construction, seeing the Grand Hyatt in progress. Very exciting to learn about steel stirrups in class in the morning and see them in action in the afternoon!



Job Postings

Sain Associates

Graduate Engineer | Pulaski, TN



SAIN
ASSOCIATES

Sain Associates has an immediate opening for a graduate engineer with 2-3

years' experience to work on a roadway design team in Pulaski, TN. Candidate must hold a Bachelor degree in civil engineering with Engineer Intern certification, possess strong written and oral communication skills with English proficiency, have experience with MicroStation or AutoCAD software, and be proficient with Microsoft Office software. Experience with site design is a plus.

Click [HERE](#) to submit your resume.

Barge Design Solutions

Multiple Positions



Transportation Civil Engineer in Training

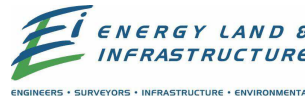
Barge Design Solutions is currently seeking to fill the position of Transportation / Civil Engineer in Training in the Nashville, TN office. Click [HERE](#) to apply.

Senior Roadway Project Manager

Barge Design Solutions is currently seeking to fill a Senior Roadway Engineer/Project Manager position in the Transportation Business unit in the Nashville, TN office. Click [HERE](#) to apply.

Energy Land & Infrastructure

Graduate Engineer



Energy Land & Infrastructure, LLC (ELI) continues to expand throughout the southeast and is looking for talented engineers, design technicians, and land surveyors to advance their career with a growing company. ELI, corporate based in Nashville, TN, operates offices in Cary, NC, Arlington, VA and Murfreesboro, TN. ELI is actively seeking a motivated individual to lead and grow their Civil Site and Land Development group in Nashville, TN. If you are seeking a new challenge with a growing company, you may inquire at <http://www.eli-llc.com/contact/>. With growing needs for talented individuals in all offices, ELI has opportunities at all levels of infrastructure services including survey team members, CADD technicians, professional engineers, and senior managers. ELI offers a competitive compensation and benefits package to keep pace with attracting professionals to continue building a successful organization.

TDEC

**Environmental Protection
Specialist 3 | Nashville, TN
Central Office**



Division of Solid Waste Management Annual Salary
Range: \$51,540 - \$82,476

About the Tennessee Department of Environment and Conservation (TDEC)

The Department exists to enhance the quality of life for citizens of Tennessee and to be stewards of our natural environment by:

- Safeguarding the health and safety of Tennessee citizens from environmental hazards;
- Protecting and improving the quality of Tennessee's land, air, and water
- Managing the system of 56 Tennessee State Parks and 85 Natural Areas

TDEC has approximately 2,900 employees working across Tennessee supported by a total budget of more than \$300 million with funding from fees for services, state parks revenue, federal sources, and the state general fund. TDEC is the chief environmental and natural resource regulatory agency in Tennessee with delegated responsibility from the U.S. EPA to regulate sources of air pollution, radiological health issues, solid and hazardous waste, underground storage tanks, water pollution, water supply, and groundwater pollution. TDEC has a central office in Nashville and eight (8) regional offices across the state serving as the primary point of contact for their respective regions.

About the Division of Solid Waste Management

The Division of Solid Waste Management (DSWM) is responsible for protecting the health and environmental quality for all Tennesseans through responsive and effective oversight of waste management activities. Division activities are land-based, regulating both solid waste and hazardous waste through specialized programs and functions. These include landfill permits, hazardous waste permits, state remediation program, used oil management, lead-based paint abatement, special waste, universal waste, and annual waste reporting.

Summary of Position

This Preferred Service position is located in the Division of Solid Waste Management's Central Office in Nashville, TN. The selected candidate will work within the Division of Solid Waste Management, in the Solid Waste Program.

Principal Duties and Responsibilities

This position conducts technical engineering reviews of solid waste disposal permit application including but not limited to engineering plans and operations manuals for new and existing landfills. This position is also responsible for reviewing environmental compliance for landfill across the entire state of Tennessee.

Other job responsibilities include:

- Meets with applicants, consultants, engineers and appropriate field office staff to conduct evaluations for construction, operation, closure and renewal permit applications and assists in preparing the draft permit documents
- Performs reviews of technical reports and analytical data to determine compliance with Department regulations and standards and provides recommendations to supervisor.
- Assists in updating the necessary Department databases with information associated with the

solid waste permit applications.

- Assists in the review and processing of variances, alternate procedures and beneficial use requests, as needed.
- Provide technical assistance to field staff and the regulated community and will serve as the Division's expert on landfill operations and construction. Have oversight of the development of the Division's technical guidance related to landfill construction quality assurance and will coordinate the training of the Division's technical staff on the subject.

Knowledge, Skills and Abilities

The successful candidate will have a demonstrated ability to function independently to provide landfill management technical expertise with minimum guidance in a highly demanding work environment. The ideal candidate should possess the following attributes:

- Strong working knowledge of Tennessee solid waste regulations
- Knowledgeable of landfill design, operational practices and quality assurance procedures.
- Participated in site investigations for contamination
- Drafted, reviewed or implemented Solid Waste plans and landfill designs.
- Able to write clearly and succinctly in a variety of communication settings and styles getting information across with the desired effect.
- Is task oriented; able to break down work into the process steps; develops schedules and anticipates/adjusts for problems and roadblocks. Measures performance against goals and evaluates results.
- Results oriented individual with a commitment to the mission of the Department who is dedicated to meet the expectations and requirements of internal and external customers. Can effectively establish and maintains positive relationships with customers and gaining their trust and respect.
- Demonstrates high integrity and good judgment.

Education and Experience:

Preferred education includes graduation from an accredited college or university with a bachelor's degree in engineering and experience equivalent to three years of full-time professional environmental work. Graduate course work received from an accredited college or university in engineering may substitute for the required experience on a month-for-month basis to maximum of one year.

All interested candidates should submit applications via the Tennessee Department of Human Resources website at <http://www.tn.gov/hr> and search under Employment, Employment Opportunities, Current Openings for the position with the title: **TDEC ENVIRONMENTAL PROTECTION SPECIALIST 3-012319-173605**. The position will be posted until February 12, 2019 TDEC is an AA/EEO/ADA employer.

