

# A LEVEL LINE

September 2018

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## Key Contacts

### Branch Officers

President - [Clint Camp](#)  
 Past President - [Blake Turner](#)  
 President-Elect - [Chris Gwaltney](#)  
 Vice President - [Suzanne Herron](#)  
 Treasurer - [Dustin Scruggs](#)  
 Secretary - [Cole Wigger](#)

### Board of Directors

[Eric Gardner](#)  
[Kevin McAlister](#)  
[Monica Sartain](#)  
[Ashley Smith](#)  
[Kyle McLemore](#)

### Practitioner Advisors

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

Greetings!

Thank you to all those who have answered the call to volunteer and serve the Society in various capacities over the last few weeks. It's exciting to see so many members 'step-up' to help us continue to be the vibrant organization that we've all come to expect.

I'd also like to offer my thanks and congratulations to those who have agreed to serve as officers for the next year: to Chris Gwaltney, Suzanne Herron, Kenneth Perkins, Dustin Scruggs and Cole Wigger - thank you for helping lead the Branch and volunteering your time and energy to that effort.

If you would like to volunteer, please contact [Chris Gwaltney](#). As always, I look forward to seeing you at the Tennessee Engineers' Conference upcoming.

Sincerely,

Clint Camp, P.E., M.ASCE  
 Nashville Branch President



## Meeting Minute

There will not be a formal Branch luncheon meeting in September. We encourage you to register and attend the TN Engineers' Conference on September 17 & 18 (note this is Monday-Tuesday).

Franklin Marriott Cool Springs  
 700 Cool Springs Boulevard  
 Franklin, TN 37067

[REGISTER FOR CONFERENCE](#)

Future meetings include:

- Thursday October 18 luncheon meeting "Smart Mobility and You?" by Steve Field and Susan Marlow of Stantec
- The November meeting will be hosted by The

## 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.](#)

[Civil & Environmental Consultants, Inc.](#)

[Civil Site Design Group, PLLC](#)

[Dempsey Dilling & Associates, P.C.](#)

[ELI, LLC](#)

[Geotek](#)

[Ingram Civil Engineering Group, LLC](#)

[Jacobs](#)

[Brew](#) & [Ron Oniszczak](#)  
Vanderbilt - [Ashley Smith](#)  
& [Kyle McLemore](#)  
Tennessee Tech - [Patrick Leap](#) & [Tyler Marshall](#)

### Committee Chairs

Awards - [Monica Sartain](#) & [Phillip Stuckert](#)  
Educational Outreach - [Janey Camp](#) & [Brian Reynolds](#)  
Newsletter - [Ashley Smith](#)  
Scholarships - [Bill Forte](#)  
Social Media/Webmaster - [Kenneth Perkins](#)  
Sports - [Eric Gardner](#)  
Sustaining Membership - [Mike Kusch](#)  
Diversity & Inclusion - [Christian Reid](#)

### YMG Officers

Chair - [Kyle McLemore](#)  
Past Chair - [William McCloy](#)  
Vice Chair - [Kate McBreen](#)  
Secretary/Treasurer - [Michael McDonald](#)  
Service Director - [James Ensley](#)  
Social Director - [Marvin Martinez](#)  
Student Liaison - [Katie Roth](#)  
PE Review Director - [Kenneth Perkins](#)  
Technical Director - [Kyle McKittrick](#)

Vanderbilt Student Chapter, Date TBD

If you have an idea for a meeting topic please send [Chris Gwaltney](#) a message with your idea.

## Upcoming Events

- Sunday-Tuesday, September 16-18th - Tennessee Engineers' Conference: Franklin Marriott Cool Springs
- Wednesday, September 26th - Monthly Branch Board Meeting: TEC Board Room, 11:30am - 1:00pm

## New Members & Birthdays

Welcome to these new members:



Austin Beck, David Bilyeu, Michael Feeney, Carson Freund, Emma Harthun, Gabriela Martinez, & David Parker

Happy September Birthday to these members:

Wayne Abernathy, Baig Abdullah Al Muhit, Kate Aulenbach, Sam Bohannon, David Brewer, Christina Brown, Mark Buchanan, James Butler Jr., Madison Cade, Matthew Chauvin, Caroline Davis, Jerome Dempsey, David Doss, Deborah Fast, Michael Feeney, Steven Finley, Clayton Foster, Katie Godwin, Kristopher Hatchell, William Heck, Sam Huddleston, Thomas Humbert, Jamie James, Jason Johnson, Stephen Karpenko, Gerald Kirksey, Trent Latta, Gabriela Martinez, Melvin Maxwell, John McAlister III, Mark McDonald, Jonathan McGehee, Michael Mellons, Truesdell Miller, Charissa Mishu, Richard Morrison, Ali Naeimipour, Jacob Palmer, Donald Reid, Lexi Revis, Gerald Shell, Ryan Shields, Jennifer Shupe, Bill Spalding, Garland Stone Jr., Tim Thomson, Russell Tyree, Christine Vitt, Garrett Wright, & Fred Yazdian



[Lose & Associates, Inc.](#)

[Neel-Schaffer](#)

[Power Consulting Associates, LLC](#)

[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 2018, please contact [Mike Kusch](#).

## 2018 Tennessee Engineers' Conference

Registration ends on September 10th!



Tennessee Engineers' Conference  
Engineering a Better World

September 16-18, 2018  
Franklin Marriott Cool Springs  
Franklin, TN

ASCE TN Section, ACEC TN, TNSEA, and TSPE will combine again for the 2018 Tennessee Engineers' Conference. With a wide variety of PDHs and countless networking opportunities, it is the premier gathering for engineers of all disciplines across the state.

The conference brochure with tentative schedule of events, education topics and additional details is now available.

Follow the link below to register online before registration ends on **Monday, September 10th**.

[Individual Conference Registration](#)

[Conference Schedule](#)

[Download the Official Event App](#)

If you have any questions regarding the 2018 TN Engineers' Conference please contact [Kiersten Thompson](#) (615) 242-2486 or [Wes Goodnight](#) (901) 372-7962.

NOTE: Registration is only available online this year, but you may still pay by check. Payment must be received at the Tennessee Engineering Center office by September 10th to receive the regular registration rate. Please make all checks payable to ASCE TN section. After September 10th, only walk ups will be allowed.

### Free PDH and Membership Reminder



Don't forget! With your ASCE membership, you can participate in up to 5 one-hour on-demand Webinars yearly. Earn a free PDH for each test you successfully pass. Visit [www.asce.org](http://www.asce.org) and login for more information.

And while you are there, consider renewing your ASCE membership for 2019!

### Education Outreach

#### School Supply Drive at Lunch Meetings

Thanks to everyone who brought in school supplies or donated funds toward supplies for the LP Pencil Box at the July and August meetings!!





We collected both school supplies and donations for the LP Pencil Box again at the August Branch Lunch Meeting. There was approximately \$250 raised in cash donations that will go to the LP Pencil Box to purchase items that they know are needed that may not get donated by groups like ours.

The LP PENCIL Box is a non-profit partner with Metro Nashville Public Schools (MNPS) that works to obtain and warehouse school supplies for teachers across MNPS. You can learn more about the LP PENCIL BOX [HERE](#). Many of the students in MNPS are at or below poverty levels, which means an estimated 9 out of 10 teachers are likely using their own money to provide school supplies for their students. Local teachers have the opportunity to "shop" once per semester for FREE school supplies at the warehouse, often picking up the basic supplies (glue, crayons, paper, backpacks) for students in their classrooms that otherwise would go without. Also, teachers can't use school funds to purchase cleaning supplies like wipes, etc. to clean up from very cool, but sometimes messy hands-on projects that they do with their students. Everything in the store is donated, so the LP PENCIL Box relies on groups like ours to help them fill the bins with the necessary supplies for teachers.

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



The film [Dream Big: Engineering Our World by McGillivray Freeman Films](#) will be available for educational purposes on DVD starting this fall. To help ensure students in our region will have an opportunity to learn more about careers in engineering, the Nashville Branch Board has pledged to sponsor a

Dream Big DVD toolkit for all public schools serving grades 6-8 in Middle TN. ASCE Headquarters is going to match our Board's contribution by providing DVDs for other public schools in the area serving younger grade levels. Additionally, the United Engineering Foundation

(UEF) has provided a grant to put a copy of the DVD in each high school; therefore, we are focusing on middle school-aged children for our pledge. Between the Branch and National Headquarters, your local schools are covered, but we need your help to cover the costs. We're trying to raise \$1500 to accomplish this.

Thanks to everyone that contributed to the DVD pledge at the August meeting! We raised \$115 at the August lunch meeting by passing the hat.

**You can help us get the DVD in our schools by donating \$5 for each school you'd like to support. We'll continue accepting donations for this in the coming months at lunch meeting registrations or using the link [HERE](#).**

## PE & FE Exam Review Courses

### **Civil PE Exam Review Course Began Monday, August 20th - there is still room for you!!!**

If you know someone who is taking the PE exam on October 26, 2018, please pass this information along. If you would like to sit in on some of the



sessions as a refresher for

PDHs, you may register for a single session (or more) also. The PE Civil exam review course will be held at the Lipscomb University Fields Engineering Center Room 205 and will be available via a videoconferencing link. As we have in the past, the course will be taught by Professional Engineers and based on the Civil Engineering Reference Manual (Lindenburg 15th edition). It will focus on the "breadth" (morning) portion of the exam and will include the general topics covered during the morning part of the exam. Sessions include Water Resources, Geotechnical, Structural Mechanics, Construction & Materials and Transportation.

Online Registration is now open for the Fall 2018 course - [PE-Online Registration Form](#). The cost will be \$350 per person for members and \$550 for non-members and will include TSPE membership free for 6 months. Contact [Kenneth Perkins](#) with questions.

### **Civil FE Exam Review Course Begins Tuesday, September 18th**

A Civil FE Exam review course will be offered at Lipscomb University in Fields Engineering Center room 205, beginning Tuesday September 18, 2018 through January 29, 2019 (no classes in December). The course is sponsored by Lipscomb University and TDOT and will also be available via a videoconferencing link. The course will be taught by Lipscomb professors and TDOT engineers and has been expanded to 3-hr sessions (14 sessions). Reference material

includes The FE Civil Reference Manual, and Practice Problems for the Civil FE Exam (all by Lindeburg).

Online Registration is now open for the 2018-19 course - [FE-Online Registration Form](#). The cost will be \$200 for full-time students enrolled in an undergraduate program, and \$350 for others. Contact [Chris Gwaltney](#) for additional information on the course.

Note: FE review courses for Mechanical and Electrical are also available at Lipscomb (live only)

## 2018 School of Rock

### Save the Date: Oct. 26, 2018!

The 2018 School of Rock will be on October 26th at the Tennessee Engineering Center. View the [flyer](#) for more information. You can register online [HERE](#). Contact [Mike Kusch](#) with questions.



## Sports

### Topgolf on October 25th!



Please join us for our first ASCE Nashville Branch outing to Topgolf Nashville on Thursday, October 25, 2018. ASCE has reserved a number of bays for this event. Topgolf features climate-controlled hitting bays, fitted with fans and heaters that are ideal in almost any weather

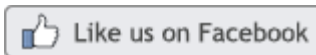
conditions. Topgolf is ideal for all golfers, regardless of your skills or abilities. Proceeds raised from the outing help to fund our annual scholarships given each April to Civil Engineering students.

Contact [Eric Gardner by email](#) or by phone at 615-979-4382 with any questions. To register online, click [here](#).

## Younger Member Group

### Nashville Sounds Game

On August 13, 2018, ASCE YMG attended the Nashville Sounds game against the Round Rock Express. The Sounds pulled off a win, and everyone had a great night. First Tennessee Park has an area called the Band Box with plenty of games, and a lounge area for everyone to enjoy. Please stay tuned to our Facebook page, Email Distributions and the Level Line for upcoming events and activities.



## Student Chapter Updates

### Lipscomb University

It's that time again as students return from summer break to



begin another exciting year at Lipscomb University! We have 20 new civil engineering students in our program and many more returning students. Our chapter is planning a social for these new students and our returning ASCE members on September 8th at the Rockland Recreation Area on the Cumberland! We are also continuing to plan our schedules and work out logistics for our concrete canoe and steel bridge teams this year!

### Tennessee State University



Tennessee State's ASCE students are planning for a great semester! Our first meeting was September

3rd; we elected officers and planned upcoming events for the semester and year. We are planning a mentorship program that will help underclassmen with their upcoming classes, technical workshops where our members can get hands on training in softwares such as MicroStation and AutoCAD, and recruiting events that advertise and tell students about ASCE in order to generate interest in our organization. A group of ASCE/AEI students are attending the TN Engineers' Conference later this month and are looking forward to meeting students from other universities and professionals in attendance. We are looking forward to a great semester!

## Job Postings

### Power Consulting Associates

## Civil Engineer



Power Consulting Associates, Inc. (PCA), a Nashville based

construction oversight, engineering, and consulting firm specializing in the power industry is seeking a Civil Engineer for the Nashville office.

The ideal candidate will be a graduate of a Civil Engineering program from an ABET accredited college with experience in civil site design. Experience in design of transmission and distribution lines preferred.

Candidate would be required to meet the needs of PCA's diverse client base of utilities, developers, and contractors. Design work will focus on providing innovative, economic, and constructible designs complying with local and federal regulations while meeting client's standards and preferences.

### Minimum Qualifications include:

- Education, Certification, Training and/or Work Experience required for this job
- Bachelor of Science in Civil Engineering (Structural or Geotechnical)
- Engineer-in-Training License (Or ability to obtain within 3 months)
- 1-5 Years of Experience in Civil Site Design
- 0-3 Years of Experience in Overhead Line Design
- Specialized knowledge - Construction background and/or understanding & Fundamentals of Surveying

### Skills

- Proficient in: Microsoft Office Suite (Word, Excel, Project)
- Working knowledge in the following areas is a plus: PLS-CADD, PLS-POLE, L-Pile, MFAD/H-FAD, CAD (AutoCAD and/or MicroStation), GIS software (Quantum GIS, Global Mapper, Google Earth, etc.), and survey/LiDAR data manipulation

### Travel

Based on project needs, typically 10% - 30% per month

### Salary

Negotiable based on experience.

Benefits package includes:

- Medical/Dental/Vision
- Company paid Life & LTD Insurance
- 401k Retirement Plan
- Employee Stock Ownership Plan
- Paid Vacation and Holidays

PCA is an Equal Opportunity Employer

Final Candidates will be subject to background and motor vehicle checks as allowed with federal & state



regulations. PCA is a Drug-Free Workplace. Pre-employment drug testing is required. PCA participates in E-Verify.

## **TDEC**

**Environmental  
Protection Specialist  
2\* - Nashville  
Environmental Field  
Office  
Division of Solid Waste Management**



### 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:

- \* Protecting and promoting human health and safety.
- \* Protecting and improving the quality of Tennessee's land, air, and water.
- \* Conserving and promoting natural, cultural and historic resources.
- \* Providing a variety of quality outdoor recreational experiences.

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.

### Position Summary

This position serves as a landfill inspector and permit writer in the Solid Waste Program in the Nashville Environmental Field Office.

### Principal Duties and Responsibilities

This Preferred Services position conducts solid waste

regulatory activities in the Nashville Environmental Field Office. It is responsible for reviewing engineering plans, specifications, reports and permit applications for solid waste facilities in the Nashville Environmental Field Office region. The position also inspects permitted solid waste facilities to ensure compliance with state regulations and issued permits. This position attends public hearings and participates in compliance meetings. Position may require overnight travel.

#### Knowledge, Skills and Abilities

The successful candidate for this position will have demonstrated the ability lead a small staff of direct reports and possess the following attributes:

- \* A background in solid waste management.
- \* Ability to read and review engineering plans and topological maps.
- \* Familiarity with landfill design and construction.
- \* Broad knowledge of the State of Tennessee Solid Waste Regulations and their application toward Solid Waste facilities in Tennessee.
- \* Experience participating in site investigations for contamination and regulatory violations.
- \* Ability to present information to a variety of audiences in a clear, professional and informative manner using multimedia resources for the presentations.
- \* Strong computer skills and familiarity using Microsoft Office, especially Excel.
- \* Able to write clearly and succinctly in a variety of communication settings and styles getting information across with the desired effect.

#### Education and Experience

Graduation from an accredited college or university with a bachelor's degree in engineering and experience equivalent to one year of full-time professional environmental engineering work. Professional Licensed Engineer in the State of Tennessee is preferred, but not required.

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 a maximum of one year (e.g., 24 graduate semester hours or 36 graduate quarter hours in engineering may substitute for the one year of required experience).

OR

Graduation from an accredited college or university with a bachelor's degree and graduation from an accredited college or university with a master's degree in engineering, and experience equivalent to one year of full-time professional environmental engineering work.

All interested candidates should submit applications via the Tennessee Department of Human Resources website at <http://www.tn.gov/hr> and search under Job Seekers, Preferred Services Job Opportunities, for the position with the title: TDEC ENVIRONMENTAL PROTECTION SPECIALIST 2\*. The position will be posted starting September 5th and remain posted until October 2, 2018. TDEC is an AA/EEO/ADA employer.

ASCE Nashville Branch

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