

A LEVEL LINE

April 2020

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Key Contacts

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Past President - [Chris Gwaltney](#)
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Vice President - [Dustin Scruggs](#)
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- [Clint Camp](#)
[Eric Gardner](#)
[Monica Sartain](#)
[Ashley Smith](#)
[James Ensley](#)

Practitioner Advisors

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

Dear ,

We are in some crazy times. Between the March tornado and COVID-19, there has been a lot to keep up with. And then things stopped and everything seemed to be canceled. During this time of COVID-19, I hope everyone is staying safe and social distancing.

The April meeting should have been a celebration of our Life Members, scholarship recipients, and award winners. Due to COVID-19 precautions, this meeting is being postponed to August. We will announce the scholarship recipients in this Level Line.

We are looking for ways to have a virtual meeting in April. We will send information on the speaker and sign up information as soon as we have it pulled together. We also hope to have some fun social media activities in the next few weeks. Be on the lookout for those.

Thank you for being flexible as many events are being postponed or canceled. We understand that everyone is going through a difficult, unprecedented time. If there is something the Branch can do to support members at this time, including educational opportunities, mentoring, etc. please reach out to me [HERE](#).

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



Quick Links

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

Stay Connected



2020 Sustaining Members



Meeting Minute

The April Awards dinner is postponed, but we encourage members to attend the ASCE Virtual Roundtable: Preserving Productivity (and Sanity!) While Working from Home. It is on Thursday, April 9th at 2:00 PM - 3:00 PM CT. Click [HERE](#) to register.

If you miss this one, there is an ASCE Virtual Roundtable every Thursday during this difficult and uncertain time regarding COVID-19.

Upcoming Events

Thursday, April 9th - ASCE Virtual Roundtable

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 McGreen](#)
 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 Liaison - [Justin Corbitt](#)

Thursday, April 9th - ASCE Virtual Roundtable: Preserving Productivity (and Sanity!) While Working from Home, 2:00 pm - 3:00 pm

New Members & Birthdays

Welcome to these new members:



Meadya Doski, Carson Gribble, & Meredith King

Happy birthday to these members:

Hiba Abounassif, Douglas Adams, John Allen, Roy Andrews, Christopher Ballou, Hal Balthrop, Andrew Barlow, Rudraprasad Bhattacharyya, Dennis Borders, John Brew, Matthew Brown, Matthew Burns, Jamal Cole, Everett Cowan, Nicholas Davis, Charles Duckworth, Henry Dunning, Macayla Dwyer, Allan Ellis, Juan Escobar, Rachel Evans, John Farmer, Patrick Flood, John Fox, Roger Freeberg, Mina George, Richard Gillingham, James Golias, William Griggs, Nolan Gross, Andrew Grosson, Qais Hantouli, Thomas Hollinsworth, Jonathan Honeycutt, Micah Hord, Christopher Hulsey, John Hunt, Justin Jernigan, Alfred Kalyanapu, Chase Kerr, Ethan Kluding, Andy Krantz, Andrew Leuthold, Amber Liepse, Jessica Lucyshyn, Earl Mayo, Kevin McAlister, Michael McGaffic, Emily Morgan, Robert Morton, Drew Muirhead, Houston Neal, Benjamin Nelson, Kyle Ogden, Nicholas Ormsby, Philip Pace, David Parker, Kenneth Perkins, Winford Petrone, Randall Pierce, Steve Pudlo, Andrew Reed, Michael Reed, Larry Ridlen, William Ring, Kelly Roach, John Roberts, Mariam Salib, Kenneth Schnaars, Lokman Sharara, John Skelton, John Smith, Mark Spalding, Dominic Stone, Edward Thackston, Joseph Thornton, Jaideep Thota, Jack Tompkins, Evelyn Turner, Timothy Turner, Salvador Vilches Diaz, Jordan Wilson, Randall Wilson, Joey Wilson, & Benny Word



Scholarship Committee

2020-2021 ASCE Scholarship Program

The Nashville Branch is pleased to announce the following civil engineering students as this year's recipients:



To join or renew your membership online for 2020, please click [HERE](#). If you have any questions, contact [Mike Kusch](#).

2019 Sustaining Members





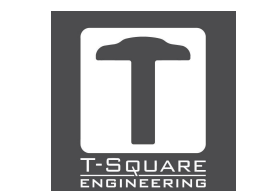
Meadya Doski

A Nashville native studying at Lipscomb University. She is a member of Lipscomb's ASCE, SWE, and AWL societies. Meadya is the aesthetics co-captain of the Lipscomb's concrete canoe team. She has interned with Stantec and Metro Public Works and is interested in sustainability/environmental engineering.



Bibiana Perdomo

Born in Bogota Columbia and studying at Lipscomb University. She is secretary of the Lipscomb ASCE chapter. Bibiana is also a co-captain of the concrete canoe aesthetic team. She is interested in a career in transportation engineering.





Maya Mayes

A native of Atlanta, Georgia and studying at Tennessee State University. She serves as the executive chairman of ASCE, the publications chair of National Society of Black Engineers, and the revamp chair of Society of Women Engineers. Maya is interested in a career in transportation engineering.



Beatrice M. Cherop

Born in Nairobi, Kenya and currently in a Transportation Engineering graduate program at Tennessee State University. Her studies include research on traffic crashes on two-way lanes in Davidson and Shelby counties, and a bio-mediated geotechnical program. Beatrice plans to incorporate innovative technology into safer and more convenient transportation facilities.

The Nashville Branch membership believes in aiding our future leaders who are currently Civil Engineering students at our four local universities. The Branch has awarded over \$150,000 in scholarships over the past 25 years. Proceeds from the annual golf, bowling, and poker tournaments, as well as the School of Rock all go directly toward funding this program. The award winners are normally recognized in person at our annual evening dinner meeting in April, but that meeting has currently been postponed indefinitely.

28th Annual Scholarship Fund Golf Scramble

The 28th Annual Scholarship Fund Golf Scramble and Lunch, originally scheduled for May 21st has been postponed and will be rescheduled at a later date. The event will likely still be held at the Hermitage Golf Course, but nothing has been scheduled at this time. Please look for more information in future Level Lines.

School of Rock

UPDATE!



As soon as the coast is clear on COVID 19, and Metro Water and Sewer, Adventure Science Center and Leadership gives us the "all clear" to gather in groups again, we will pick a date this

summer to reschedule, so stay tuned!

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](#).

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.

Younger Member Group

Subscribe to Our Emails

ASCE
TENNESSEE SECTION
Nashville Branch
YOUNGER MEMBER GROUP

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.

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](#).

Student Chapter Updates

Lipscomb University

During the month of March at Lipscomb, students involved with



Concrete Canoe, Steel Bridge, and other competitions worked hard to refine their projects. Through this final process, students realized that their Concrete Canoe was better than the year and were excited to compete in this year's competition. Steel Bridge worked until the very last minute to get things done, but they did! They did not get to paint the bridge nor test load it, but the final product seemed to meet all the rules for this year. Qualifying for nationals was both teams' objective and both teams felt that they could do it this year.

The next step was to attend conference and achieve our goals. Once we arrived, we rested and then the next day we practiced building our Steel Bridge. We soon realized that we forgot our piers! Although, this did not stop us from competing. We decided we would ship them over night for the next day for the loading portion of the Steel Bridge Competition. That same day we headed to UCF to display our bridge and receive aesthetics judging. The main judge gave us grace and told us that not having our piers that day would be okay if we had them the next day. We were grateful for this.

Ultimately, the Southeast ASCE conference was

canceled due to the recent pandemic. This was upsetting but understanding. I'd like to recognize all the students hard work this year for what could've been a successful conference! Hopefully, all these projects can compete someday.

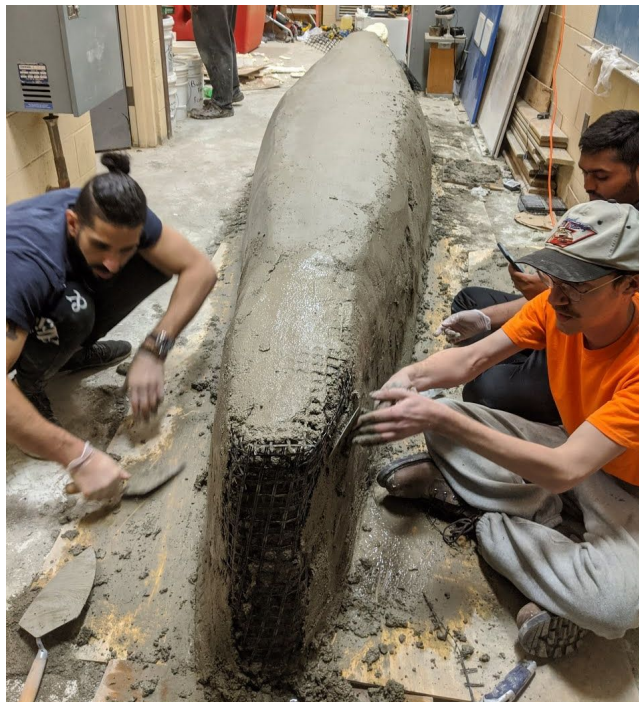


Tennessee State University

Tennessee State
University
participated 2020
ASCE Annual
Concrete Canoe



competition (Southeast zone) at Orlando. Under the help of Dr. Nathan of TSU and Lipscomb student chapter, TSU Civil Engineering seniors Wyatt Baxter (captain), Joshua Stokely (co-captain), Daniel Reed, Mina George, Vatsal Patel, and Khalid Alasem designed and built the concrete canoe. The efficient leadership and construction experience of Wyatt and Daniel, and the creativity of Joshua, merged with the ebullience and design efforts of Mina, Khalid, and Patel to produce a true team effort. The team members overcame limitations in facilities, equipment, and funding, while burning midnight oil day after day, especially during the Spring Break as the final days approached. They rent a U-haul and towed the canoe to Orlando on 3/13/2020 and was noticed the competition is cancelled due to COVID-19. However, it is a testimony to their commitment and persistence, and the inspiration from faculty and their Lipscomb peers. They have promised to transfer the knowledge from this huge learning experience to the next TSU team. Thanks for ASCE Nashville Branch support and Specially Thanks to Lipscomb canoe team and their ASCE student chapter leaders!!



Job Postings

Gresham Smith

**Project Manager/
Senior Civil**

Engineer - Land Planning Market



Our land planning team leverages the expertise and collaborative thinking of civil engineers, landscape architects and planners to provide custom solutions that help grow livable communities. We are seeking a Senior Civil Engineer with a project management background. This person will lead design efforts, support project financial management, project scope development and planning.

Responsibilities:

- Plan, schedule, conduct or coordinate detailed phases of major civil engineering projects.
- Lead design team from inception through contract documents and construction administration to final inspection.

- Supervise and collaborate with the project team.
- Review designs, engineering reports, plans and specifications for major projects.
- Maintain schedule of project deliverables milestones.
- Coordinate projects with clients, contractors, outside consultants and firm staff.
- Communicate and interact with project team members, client representative, review agencies and others as appropriate to project.
- Integrate your current expertise while continuing your knowledge growth to incorporate state of the art technology and materials into the project design.
- Sustain our world's environment with cutting edge, ecologically-friendly solutions to complicated situations.
- Resolve a variety of complex problems such as conflicting design requirements, unsuitability of conventional materials, difficult coordination requirements, etc..
- Mentor team members to create a dynamic learning environment.
- Ensure adherence to quality control processes.

Minimum Qualifications:

- B.S. or M.S. in Civil Engineering required
- A minimum of 10 years' experience with land and site design of residential, commercial, retail, healthcare, public works or industrial projects.
- P.E. license required.
- Adept in Microsoft Office applications, particularly Word, Excel and Outlook.

Please email [Brandon Salas](#) for more information.

TDEC

**Environmental
Consultant 3
Division of Solid Waste Management
(DSWM)**



This Preferred Service position is located in the Division Central Office in Nashville, TN, Davidson County. This position is a senior engineer position and requires a significant understanding of landfill design and operations, as well as solid waste regulations. This position provides technical assistance to DSWM solid waste permit writers, state-wide, by reviewing landfill permits and permit modifications submitted for approval. Preferred candidates will have bachelor's degree in environmental or civil engineering, and hold a Professional Engineer license in the State of Tennessee. The candidate should have experience with computer landfill modeling software programs including; slope stability, storm water, sedimentation and erosion, and landfill leachate generation. The position requires a valid driver's license and the ability to travel across the state of Tennessee regularly, with occasionally overnight travel.

Responsibilities

- Assisting DSWM staff statewide in the review of complex permit conditions and applications.

- Preparing and maintaining records, reports, logs, databases, chain-of-custody and correspondence based on established guidelines and procedures.
- Provides consultative, technical, and educational services to the regulated community and citizens in the necessity and methodology of enhancing environmental stewardship, health or other standards, practices, and safety.
- Assisting regional permit writers in the application of these models and the development of input parameter to verify results contained in landfill applications.
- Assisting regional permit writers in their review of permit submittals.
- Participate in peer reviews and public hearings.

Interested persons may apply for this position at Tn.gov/careers and search for the position TDEC-ENV CONSULTANT 3 -03252020-7658. The position will be posted through April 14, 2020.

ASCE Nashville Branch

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