

ASCE

KENTUCKY SECTION



WINTER 2016 NEWSLETTER

February 2016

We pledge ... To place service before profit, honor and standing of the profession before personal advantage, and public welfare above all other considerations

WEB ADDRESSES:

ASCE National:.....www.asce.org
Kentucky Section ASCE..... www.kyasce.org
Louisville Branch KY Section ASCE.....www.ascelouky.org
Bluegrass Branch KY Section ASCE.....www.bluegrassbranchasce.com

PRESIDENT'S MESSAGE

Dear ASCE Kentucky Section Members:

Hello to all - The Kentucky Section Board hopes that everyone is having a great beginning to 2016. This is the first Section newsletter of the 2015-2016 year and we have quite a bit going on at the section, branch, and younger member levels. First, let me again say a big THANK YOU to all of those members, sponsors, student volunteers, speakers and exhibitors who helped make our annual meeting a success in October. Congratulations go out to the Louisville Branch for putting on such a great meeting! Thanks also go out to our members for allowing me the privilege to serve as your Section President for this year. I also need to thank Josh Johnson, our outgoing President and incoming Vice-President, for his leadership and volunteer spirit over the past year and for the years to come. Josh is really going above and beyond to help us fill a void in our board and it is much appreciated.



Your Kentucky Section Officers, as elected by the membership and installed at the annual meeting are as follows:

- [Josh Johnson](#), P.E. - Past President
- [Andy Gilley](#), P.E. - President
- [Josh Johnson](#), P.E. - Vice-President
- [Denise Hettinger](#), P.E. - Treasurer
- [Jason Hurt](#), P.E. - Secretary
- [Michelle Meehan](#), P.E. - Newsletter Editor

Other members of the Board whose leadership and commitment go above and beyond are: [Nancy Albright](#) of the Scholarship Committee, [David Deitz](#) of the History and Heritage Committee, [Daniel Tegene](#) of Government Relations, and [Ryan Tinsley](#) of the Younger Members Group. In addition [Jon Keeling](#), Region 4 Governor for Kentucky, provides direction and knowledge on key issues and is a great source of wisdom for the board.

With that, please check out below upcoming happenings with our local branches, opportunities to get involved, and the chance to attend the plaque dedication of a National Historic Civil Engineering Landmark in Kentucky this May.

As always, should you have any questions, comments, or suggestions, please don't hesitate to contact me or any of the Section Officers. We are here to serve you and look forward to a great year.

Thank you,

W. Andrew Gilley, PE, M.ASCE
ASCE Kentucky Section President

REGION IV GOVERNOR'S MESSAGE

ASCE Kentucky Section Members -

The Region 4 Assembly of Delegates meeting will be held April 15-16 in Nashville, TN. I encourage at least one Section officer and an officer from each Branch to consider attending this meeting (more would be better since it is an easier drive to location). I am serving as interim co-chair for the D. V. Terrell Competition for the Region, so have been involved in developing the competition announcement, and fielding questions from members - I'm asking all of our Section Board members to go back to your branches and encourage younger members to participate in this worthwhile competition!



Over the past few months, our Regional leadership (including myself) helped with planning for the MRLC held February 12 and 13 (in Pittsburgh). We saw good representation from our Kentucky Section, Branches, YM Groups and Student Chapters at this conference.

I've also participated in several Raise the Bar Committee Conference Calls and attended a working meeting the weekend of February 19th (held in Denver, CO). I would appreciate receiving any feedback you have on if, or how, we can develop a local RTB committee here in Kentucky.

From the local side, I was able to attend several Louisville Branch meetings last fall, as well as Bluegrass Branch meetings over this first quarter. I was grateful to be able to help with our community outreach event in the Bluegrass area (Salvation Army Angel Tree). I am planning on attending at least one upcoming meeting of the Frankfort Branch, and hopefully a meeting at the Pennyroyal Branch.

I appreciate the opportunity to serve on the ASCE Region 4 Board as your Governor. Please feel free to contact me about any issues concerning ASCE at the local or state level.

Thank You.
Jon Keeling, PE, M.ASCE
ASCE Region IV Governor

VOLUNTEER OPPORTUNITIES

Are you interested in becoming more involved with ASCE? We have several volunteer opportunities available!

Daniel V. Terrell Committee Chair

ASCE Kentucky section is looking for an energetic member to become our next chair person for this important committee. So if you or someone you know would be perfect for the job please contact [Jon Keeling](#).

For more information on the DV Terrell Younger Member Paper Competition and other duties please click the link [Chairperson Duties and Objectives](#).

Raise the Bar Committee

Kentucky is in the beginning stages of forming a Raise the Bar committee. Interested in how you can be a part of it? Please contact [Jon Keeling](#) for more information.

University of Kentucky - Practitioner Advisors needed

The student chapter of ASCE at the University of Kentucky is looking for engineers to serve as Practitioner Advisors. The ideal candidate would be willing to attend the monthly student chapter meetings and serve as a liaison between the Blue Grass Branch and the student chapter. If interested, please contact [Tiffany Coleman](#).

Other Opportunities

The Kentucky Section and local ASCE branches are always looking for motivated individuals who would like to serve as officers. Please reach out to the individuals below if you are interested in more information on how you can help!

Kentucky Section: [Andrew Gilley](#)
Blue Grass Branch: [Tiffany Coleman](#)
Louisville Branch: [Shanaka Ewing](#)
Frankfort Branch: [Shane McKenzie](#)
Pennyroyal Branch: [Shane Palmquist](#)

ANNOUNCEMENTS

National Historic Civil Engineering Landmark - Plaque Dedication

Royal Colonial Boundary of 1665
Lake Barkley Resort Park Lodge
May 20, 2015
11:00 AM Central

Join us for the dedication of the bronze plaque recognizing the Royal Colonial Boundary of 1665. The landmark, officially named in 1985, represents the boundary between Virginia and North Carolina and between Kentucky and Tennessee. This is the second of two plaques recognizing this Civil Engineering achievement. The first plaque has been dedicated and is located at Cumberland Gap National Historic Park.

The dedication ceremony will begin at 11:00 AM followed by lunch at the lodge. A dining room has been reserved for attendees. We look forward to seeing everyone there.

Cost: The cost of lunch if you choose to eat at the lodge.

About the Landmark:

The Royal Colonial Boundary of 1665 was decreed by England's King Charles II to demarcate his American colonies. It provided a survey from the Atlantic Ocean to the Mississippi River along 36 degrees, 30 minutes north latitude. The boundary now serves to divide Virginia from North

Carolina and Kentucky from Tennessee.

The survey, completed in five stages, was one of the first times a surveyed line was so long that the curve of the Earth had to be taken into consideration. It drew attention both to the importance and to the difficulty of cadastral surveying (to delimit and identify property lines) and geodetic surveying (in which the form and size of the earth are considered). It demonstrated some of the first attempts to locate an exact geographical position on the ground.

The 1665 line of 36 degrees, 30 minutes north latitude was recognized as the de facto dividing line between the North and the South in the Missouri Compromise of 1820.



DV Terrell Competition

Are you a younger member (under 35?) If so, there's still time to enter a paper in the DV Terrell Competition! This year's topic is:

"When working in a foreign location, what defines the design standard which the engineer can rely on to have met his or her ethical obligation to provide a safe and sound engineering solution or design?"

Papers should be submitted to [Andrew Gilley](#), the KY Section president, by March 1, 2016. Two entries per section will be chosen and those entrants will present their paper at the April 15-16 Region 4 Meeting in Nashville, TN.

For more information, please contact any of the Section officers.

Congratulations to Dr. Lindell Ormsbee!

Dr. Lindell Ormsbee, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE of the Kentucky Section has been selected to receive the 2016 Julian Hinds Award "For pioneering research and its practical implementation in water distribution systems, watershed and stormwater management, groundwater remediation, as well as leadership in management of the nation's, and especially Kentucky's, water resources, and his intellectual generosity and cheerful encouragement of others."

ASCE Legislative Fly-in

The ASCE Legislative Fly-in will be March 15-17, 2016 in Washington DC.

University of Louisville Engineers Without Borders

Professional Development Conference

May 3, 2016

Registration opens March 1st at louisville.edu/speed/EWB

BRANCH REPORTS

BLUEGRASS BRANCH

The Blue Grass Branch held a meeting in November with guest speaker Vernon Azevedo who discussed Lexington-Fayette Urban County Government's (LFUCG) Remedial Measures Plan (RMP) which includes \$600,000,000 in capital improvements for addressing sanitary sewer overflows within the LFUCG sanitary sewer system.

Also in November, the Branch led an activity at the Girls in Engineering Math and Science (GEMS) event. This annual event is organized by the University of Kentucky and brings Girl Scouts from all over Kentucky together to explore math and science.

In December, the Branch spent several hours helping sort toys at the Salvation Army's Angel Tree facility. This program provides toys and clothing to children in need during the Christmas season. The Blue Grass Branch also continued their annual tradition of collecting toys for Jarrett's Joy Cart, a program which distributes toys year round to hospitalized children.

The Branch held a joint meeting in January with the University of Kentucky Student Chapter where Rich Riedl from the UK Capital Projects group discussed ongoing campus improvements and the new student center.

In February, the Branch celebrated Engineer's week by hosting their annual Engineering Banquet with KSPE, sending volunteers to speak at schools in the Lexington area, and participating in UK's Engineering Day.

Upcoming Meetings and Events

Career Fair for UK Students

March 25, 2016 at noon

University of Kentucky

contact [Erin Mattmiller](mailto:Erin.Mattmiller) if your company is interested in attending.

Joint Meeting with Frankfort Branch

April, 2016

Kentucky Transportation Cabinet

Frankfort, KY

Details to follow.

May Meeting

Tour of Newton's Attic

Details to follow.

If you are interested in more information about what the Blue Grass Branch is doing or if you want to get more involved, please contact them at ascebb@gmail.com, check out their website at www.bluegrassbranchasce.com or like them on Facebook!

ASCE Bluegrass Branch Younger Member Group

In October, the Bluegrass Branch Younger Member group hosted an event to tour Lexington's oldest neighborhood. The tour began at the Hunt-Morgan House and continued around Gratz Park with a stop at the Peter Paul House. Members learned about neighborhood history and architectural elements from the early 19th century. The group warmed up with some pizza and drinks after the tour.

In December, the group participated with the Blue Grass Branch in their Salvation Army Angel Tree volunteer event.

The group is planning a social event in February and a service project for April.



Photo of the Blue Grass Younger Members on the Historic Downtown Walking Tour

For more information on the Blue Grass Branch Younger Member group, please check out their website at

<http://www.bluegrassbranchasce.com/younger-member-page> or contact [Lindsie MacPherson](#) or [Emily Epperson](#)!

FRANKFORT BRANCH

In November, the Frankfort Branch held a meeting at the Kentucky Transportation Cabinet Business Center where Carl Shields, Archaeologist for the Kentucky Transportation Cabinet spoke on Integrating LiDAR into the Environmental Process.

In December, the Branch again met at the Kentucky Transportation Cabinet Business Center where Pamela Hanson, Executive Director of the Simon House gave information on the Women and Children's Shelter in Frankfort.

Upcoming Meetings and Events

March Meeting

TBD

Joint Meeting with Blue Grass Branch

April, 2016
Kentucky Transportation Cabinet
Frankfort, KY
Details to follow

For more information on the Frankfort Branch, please contact [Shane McKenzie](#)

LOUISVILLE BRANCH

The Louisville Branch held a lunch meeting in November at King Fish where Mike Sewell of Gresham Smith and Partners & Rolf Eisenger from Louisville Metro Public Works discussed "Growing People on Bikes". The Branch also held a lunch meeting in December at the University Club where Steven W. Shifflet from the US Army Corps of Engineers discussed lessons learned from low mobility grouting at Fort Campbell. In January, the lunch meeting focused on Louisville MSD's Nightingale Pump Station and CSO Storage Basin Project. Kyle Guthrie and Steve Keiber from HDR discussed the project and the meeting was held at the University Club.

In February, the Branch did not have a regular meeting. Instead, members were encouraged to attend the annual KSPE Engineering Banquet.

Upcoming Meetings and Events

March Meeting

March 11, 2016 at 11:30 am
University of Louisville Alumni Club
Details to follow

April Meeting

April 15, 2016 at 11:30 am
University of Louisville Alumni Club
Details to follow

May Meeting

May 13, 2016 at 11:30 am
University of Louisville Alumni Club
Details to follow

If you are interested in more information about what the Louisville Branch is doing or if you want to get more involved, please contact [Shanaka Ewing](#), or check out their website at <http://branches.asce.org/louisville/>

ASCE Louisville Branch Younger Member Group

In October, the Louisville Branch Younger Member Group held a monthly lunch meeting at Gordon Biersch in downtown Louisville to discuss upcoming events. In November, Steven Schauer, project manager with Walsh Construction, hosted the Louisville Branch YMG on a tour of the Downtown Crossing project. This was a unique opportunity to see a project of this magnitude during construction, two weeks in advance of its grand opening for public viewing.



Photo of the Louisville Younger Members on the Ohio River Bridge

Upcoming Meetings and Events

Louisville Regional Science & Engineering Fair

March 5, 2016 7:30am-3:45pm
Kentucky Science Center

For more information on activities hosted by the younger member group please check out their facebook page:

<http://www.facebook.com/group.php?gid=72189546512>

PENNYROYAL BRANCH

For more information on the Pennyroyal Branch, please contact [Shane Palmquist](#).