

# Civil Engineering

*a better world by design*

**ASCE**  
e-Newsletter

## WINTER 2013 NEWSLETTER

December 2013

***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](http://www.asce.org)

Kentucky Section ASCE..... [www.kyasce.org](http://www.kyasce.org)

Louisville Bluegrass Branch KY Section ASCE.....

[www.ascelouky.org](http://www.ascelouky.org)

Bluegrass Branch KY Section ASCE..... [www.ascebluegrassbranch.com](http://www.ascebluegrassbranch.com)

Kentucky Geotechnical Engineering Group (KGEG): .....

[www.kgeg.org](http://www.kgeg.org)

University of Kentucky Student Chapter .....

[www.asce.engineering.uky.edu](http://www.asce.engineering.uky.edu)

University of Louisville Student Chapter .....

[www.louisville.edu/speed/asce](http://www.louisville.edu/speed/asce)

Western Kentucky University Student Chapter

[www.wku.edu/engineering/Programs/Civil/ASCE](http://www.wku.edu/engineering/Programs/Civil/ASCE)

### PRESIDENT'S MESSAGE

Dear ASCE Kentucky Section Members:

Greetings! I first want to start off by wishing everyone safe and joyful holidays filled with time spent in the company of friends and family and in reflection. This is a time of year that is both an excellent opportunity to remember what is important in life and a challenge to resist things that distract us from putting forth our energies there. I would also like to thank you for giving me the opportunity to serve as your president

over the next year. I enter with the organization in excellent standing and appreciative of the effort my predecessors, including most recently Craig Barnett, have given to further our society and its members and protect the wellbeing of the public we all serve.

As we anticipate another wonderful year ahead I would be remiss not to recall what an exciting year it has been. Most recently the section hosted its annual meeting in Louisville. The Louisville Branch did a great job of organizing the event and should be very proud of how it turned out. There were over 120 in attendance that enjoyed the beautiful setting that is the Parklands of Floyds Fork. For those that were unable to attend, please make a special effort this next year to visit the park. It is one of the top 5 largest parks projects in the country being built, a real community asset, and a project a good number of our membership have had the opportunity to work on. We couldn't have pulled our annual meeting off without the support of many wonderful sponsors and exhibitors who have recognized the value of improving the knowledge base of our members and the relationships we develop amongst our members. Just think you come together to be amongst folks that you might find yourself striving to beat their rears on one opportunity yet could wind up collaborating with on another project and all of that effort is to benefit the general public. A system that should humble us and make us want to work hard and in an ethical way. Pretty cool!

At this meeting we also took the time to remember our very own Charlie Ritchie who passed away this year. Charlie served many years in our profession and his annual presentation of the Gillim Award was always a special tradition of the meeting. It was having members of Charlie's family present and I thank Ted Niemann for honoring him and putting Ted's own special touch to the Gillim Award announcement. Further below are additional details on this great meeting and I congratulate all of our award and scholarship winners.

Chris J. Keil, PE, MASCE  
President, KY Section ASCE

### Kentucky ASCE 2013 Annual Meeting

#### **This years Sponsors and Exhibitors**

We would once again like to thank our wonderful sponsors and exhibitors for their support of this event.

#### **Level 1 Sponsors**

[Elizabeth Niemann & Associates](#)

CH2M Hill, Inc.

Gresham Smith & Partners

BTM Engineering, Inc.

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Lynn Imaging

Louisville Water Company

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The Mason & Hanger Group

Hayward Baker, Inc.

### Level 2 Sponsors



## Exhibitors



## Presentations

This year we had a variety of speakers for that contributed to the overall success of the meeting. We would like to thank them for their time and dedication.

**Tour of Floyds Fork Wastewater Treatment Plant:** Lead by Vicki Cooms and Kevin Ries of the Louisville-Jefferson Metropolitan Sewer District.

**Building Strong with BIM:** Lead by Jeremy Nichols with the US Army Corps of Engineers

**Waste In Construction:** Lead by Brad Richey with Turner Construction

**Ohio River Bridges Tunneling Project:** Lead by Birk Peterson, P.E., Assistant Tunnel Manager for Walsh-VINCI Construction JV

**Historical Renovation of Downtown's Whiskey Row:** Lead by Chris Coleman with Tetra Tech and Brian Wilcox with McCall Group

**Cincinnati Brent Spence Bridge:** Lead by Robert Hans with the Kentucky Transportation Cabinet District 6

**Architecture, Construction & Engineer (ACE) Mentorship Presentations:**  
Facilitator, Daren Thompson with the Louisville-Jefferson Metropolitan Sewer District

**Parklands Presentation and Tour:**  
Lead by Bryce Fuller, Keith Holz, and David Reed with QK4



A special thank to our keynote speaker, Mr. Robert Stevens, PE, the ASCE National President Elect for his special trip to be with us and his thoughts on building a sustainable future.

## Awards

Congratulation to the following Awardees

Ms. Marcella Kennedy - UoL	\$1000 Scholarship
Mr. Gregory Morreau- UoL	\$ 500 Scholarship
Mr. Admin Husic - UK	\$1000 Scholarship
Mr. Cody Cousins - UK	\$ 500 Scholarship
Mr. Dylan Jones - WKU	\$1000 Scholarship
Bryan Dyer, PE, LS	Distinguished Engineer in Education
Emily Groves, EIT	Distinguished Young Engineer Award
Jon Keeling, PE	Distinguished Engineer in Private Practice
Saeed Assef	Distinguished Engineer in Public Sector
University of Louisville	Outstanding Student Organization
J.P. Mohsen, PhD	Robert M. Gillim Award

## 2013-2014 Section Officers:

The following ASCE members were elected during the meeting will be serving as

**Section Officers next year:**

President: Chris Keil  
Past-President: Craig Barnett  
Vice President: Joshua Johnson  
Treasurer: Andy Gilley  
  
Secretary: Emily Groves

Once again thank you to everyone who was able to make it out for this years Annual Meeting and we hope to see everyone again next year for another exciting and educational meeting.

**ANNOUNCEMENTS****Spring 2014 Civil Engineering PE Review Course**

Faculty of the Department of Civil and Environmental Engineering, University of Louisville, in conjunction with the Kentucky Engineering Center, is offering a PE review course for six Saturdays, from 2-15-2014 through 3-22-2014. For a copy of the schedule and registration form please click the link: [PE 2014](#).

**Marshall University SAME-ASCE Student Chapter Announcement**

The Marshall University SAME-ASCE Student Chapter would like to invite you to join them for their 6th Annual Winter Technical Conference on Thursday, January 23, 2014. The conference will again be held in the Memorial Student Center at Marshall University. For full details please click the link: [Sixth Annual Winter Technical Conference](#)

### **SPAG Grant Awarded to the Bluegrass Branch**

The Blue Grass Branch was recently awarded a State Public Affairs Grant in the amount of \$500 to enhance their current outreach efforts. The money will be used to create a display booth with hands-on engineering activities, posters highlighting local engineering project and brochures targeted towards parents, teachers and student in Kentucky. This booth will be available to members to use at classroom visits, science & math fairs, and engineering day. The Branch will be looking for volunteers as well as corporate sponsorships. If you would like more information please contact Michelle Meehan at [michelle.meehan@stantec.com](mailto:michelle.meehan@stantec.com)

### **2014 ASCE Region 4 Daniel V. Terrell Paper Competition**

The Region 4 ASCE is proud to announce this years topic for the annual Younger Member paper competition. This years papers will be addressing the ethical question of:

*In the built environment, there has been and will continue to be ongoing development in areas that are prone to natural disasters. From floods and storms to earthquakes and forest fires, natural disasters are costly both in terms of human suffering and financial resources. Despite the risks associated with building in such areas, demand for public an private development in them continues to grow. As stewards of the built environment, what responsibility do civil engineers have in this continued growth? Consider the following ethical questions.*

*What are the ethical responsibilities for planning future civil engineering projects in natural disaster prone areas?*

*What are the potential ethical issues in determining design codes, recommendations and parameters to prevent damage in natural disasters?*

*What are the ethical obligations of civil engineers when advising clients engaged in development in natural disaster prone areas?*

For full details on the competition please click the link: [2014 D.V. Terrell Paper](#)

**BRANCH REPORTS**

## **BLUEGRASS BRANCH**

The Blue Grass Branch has been gearing up for the holiday season with a couple community outreach activities. For our December meeting, we gathered at the distribution center for the local Salvation Army Angel Tree project. This is an annual event for us where our members gather as a group to volunteer a couple hours to help the Salvation Army sort through and package the gifts for the local Angel Tree kids. We are also in the midst of collecting toys and donations for Jarrett's Joy Cart, a non-profit program that provides new toys to children in hospitals in hope of bringing a little joy to patients and their families. This program was started by a local civil engineer and more information can be found at [www.thejoycart.com](http://www.thejoycart.com).

The Blue Grass Branch is also busily planning for activities for the coming Engineer's Week in February. We also have meetings scheduled for March 21st and April 18th. On March 21st, Zach Dukes with Kentucky American Water will make a presentation covering a recent main extension and elevated water storage tank project in Owen County. On April 18th, Darrell Herron and Mike Steele of Stantec will make a presentation covering their TVA Kingston Project. For further information, please contact Jason Hurt at [jason.hurt@trinityengsurv.com](mailto:jason.hurt@trinityengsurv.com).

Please visit our website for additional information: [www.ascebluegrassbranch.com](http://www.ascebluegrassbranch.com)

## **LOUISVILLE BRANCH**

The Louisville Branch has been busy since our first meeting after summer break. We were happy to host our fellow members from across the Commonwealth at the Annual Meeting. We hope everyone enjoyed the great sessions in the beautiful setting the Parklands provided. Special thanks to Kentucky Section President Chris Keil for leading the meeting planning effort.

At our November meeting, updated by-laws were presented for final review and approval by the Branch. They were unanimously accepted and were recently approved by the Kentucky Section Board. Our new by-laws will be posted on our website <http://www.ascelouky.org/>

At our December 18th meeting we collected toys for the "Toys for Tots" Foundation. If you have any questions about upcoming events please visit our website or contact Paul G. Maron branch president.



***ASCE Louisville Branch Younger Member Group***

For more information on the ASCE Louisville Branch Younger Member Group, please contact Ryan D. Tinsley at [ryan.tinsley@strand.com](mailto:ryan.tinsley@strand.com) or visit our Facebook group page.

Kentucky Section | | [colette.easter@ky.gov](mailto:colette.easter@ky.gov) | <http://kvasce.org/>

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