



**NEWSLETTER**  
**December 2012**



*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 Branch KY Section ASCE ..... [www.ascelouky.org](http://www.ascelouky.org)  
Blue Grass 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**

The Board of Directors of the Kentucky Section of ASCE would like to welcome everyone in the ASCE community to a new and productive year.

Recently, the Blue Grass Branch hosted the ASCE Kentucky Section Annual Meeting in Lexington, with the theme "Turning Obstacles into Opportunities". The meeting was very well attended by ASCE members throughout Kentucky. Approximately 115 members attended the event. Several exhibitors and sponsors supported the meeting and I would like to personally thank them for all the support. Also, I would like to thank the Bluegrass Branch for hosting the meeting and everyone who contributed to the huge success of the meeting.

New officers were elected by the membership during the Annual Meeting to serve on the Kentucky Section Board of Directors for 2012-2013 fiscal year. These members are: Andy Gilley as Secretary, Josh Johnson as Treasurer, Chris Keil as Vice-President, and Daniel Tegene as Past-President. Other members of the Board are: Colette Easter as Newsletter Editor, Andy Gilley as Webmaster, Nancy Albright of the Scholarship Committee, David Deitz of the History and Heritage Committee, Tony Harover of Government Relations and Angie Elser as Younger Member Chair. Jon Keeling has been elected to serve as Region 4 Governor. If you have any questions, suggestions or concerns, please feel free to contact me: [craig.barnett@stantec.com](mailto:craig.barnett@stantec.com)

**T. Craig Barnett, P.E., M. ASCE**  
**President, Kentucky Section ASCE**

## KY ASCE ANNUAL MEETING 2012

This year's annual meeting was hosted by the Blue Grass Branch on October 19, 2012 at Embassy Suites in Lexington. The meeting was a huge success and the technical presentations and exhibitions were informative and well received.

A total of 115 ASCE members attended presentations including *Big Four Bridge Rehabilitation Project* presented by Joe Hagerty PE, PhD and Justin Edwards from Construction Solutions LLC.; *Erosion Control: The Future* presented by Bryan Dyer of Dyer and Associates; *Dam Safety in Kentucky* presented by Mark Ogden from Association of State Dam Safety Officials and Marilyn Thomas from Kentucky Division of Water; *University of Kentucky Flood Mitigation Project* presented by Jim Buckles from Bell Engineering; *Kentucky's First Double Crossover Diamond (DCD) Interchange* presented by Jason Bricker, PE and Brian Aldridge, PE from Stantec Consulting Inc.; *City of Versailles Raw Water Intake and Pump Station Slope Stabilization* presented by Michael Jacobs, PE from GRW and Joseph D. Hauber, PE from Thelen Associates; *Kentucky Speedway Traffic Management Plan* presented by Tom Creasey, PE from Stantec Consulting Inc. and *Eggner's Ferry Bridge* presented by Harold Gibson, PE, PLS from Kentucky Transpiration Cabinet District 1 and James B. Williams from Michael Baker Corporation.

Student presentations included *Phase Change Materials in Concrete Masonry Units for Improved Energy Efficiency* presented by Jeffrey D. Kiesel from the University of Louisville and *Evaluating the Performance and Behavior of Green Infrastructure Stormwater Control Systems Using Hydrologic Instrumentation* presented by Hamidreza Kazemi from the University of Louisville.

Lunch was served followed by a presentation by Keynote Speaker State Representative Sannie Overly.

Nancy Albright, Chair of our scholarship committee presented this year's student scholarships:

Scholarship Amount	Recipient	University
\$1000.00	Ryan Fagan	University of Louisville
\$1000.00	Michelle Ruberg	University of Kentucky
\$1000.00	Aaron Daley	Western Kentucky University
\$500.00	Wayne McGrath	University of Louisville
\$500.00	Stacey Shahl	University of Kentucky

Congratulation to the Section Award winners for 2012:

**2012 Distinguished Engineer in Education**

**Lindell Ormsbee, PhD, PE**

**2012 Young Engineer Award**

**Ryan Tinsley, PE**

**2012 Distinguished Engineer in Private Practice**

**Tony Hunley, PhD, PE, SE**

**2012 Outstanding Student Chapter**

**University of Louisville**

Charlie Ritchie presented the **2012 Robert M. Gillim Award** for Professional Recognition, to **Mr. Darrell Herron, PE** for his outstanding contributions to the engineering profession and the community. Charlie gave a short history of this award. Charlie's comments showcased the Gillim Award represents the best aspects of both ASCE and the Civil Engineering Profession.

## Thank You to this Year's Sponsors

LEVEL 2 - \$250	LEVEL 1 - \$100	EXHIBITORS
PLANTMIX ASPHALT INDUSTRY OF KENTUCKY	ADVANCED DRAINAGE SYSTEMS	CONTECH
TRITON LINING TECHNOLOGIES	ECSI LLC	ASSOCIATION OF STATE DAM SAFETY OFFICIALS
THELEN ASSOCIATES, INC.	ASSOCIATION OF STATE DAM SAFETY OFFICIALS	HAYWARD BAKER GEOTECHNICAL CONSTRUCTION
HDR INC.	ELIZABETH NIEMANN & ASSOCIATES, INC.	LYNN IMAGING
PALMER ENGINEERING	SUMMIT ENGINEERING INC.	KELLER
STANTEC CONSULTING INC.	GARBER-CHILTON ENGINEERS & LAND SURVEYORS INC.	MEREDITH BROTHERS, INC.
KENTUCKY AMERICAN WATER	BTM ENGINEERING, INC.	SITE SUPPLY, INC.
	TIMEWELL DRAINAGE PRODUCTS & SERVICES	
	LOCHNER	

## BRANCH AND REGION UPDATES

### BLUE GRASS BRANCH

The Blue Grass Branch November meeting was a success, as we welcomed Susan Plueger, Senior Municipal Engineer of LFUCG who discussed the keys to successfully implementing the stormwater provisions of the Consent Decree between Lexington, Kentucky and the U.S. EPA/Commonwealth of Kentucky. At this meeting we kicked off our annual Jarrett's Joy Cart collection, including new unwrapped toys and financial donations. Check your engineering offices for boxes accepting donations until December 13th.

The next event for the Blue Grass Branch will be on Friday, December 14 at 12:00. Please join us as we help the Salvation Army Angel Tree Program, where we will sort toys and food for those in need this holiday season. Please visit our website for additional information: [www.ascebluegrassbranch.com](http://www.ascebluegrassbranch.com)

Officers are as follows:

President	- Emily Groves, EIT
Vice President	- Jason Hurt, PE
Secretary	- Michelle Meehan, PE
Treasurer	- Tiffany Coleman, PE
Community Outreach Coordinator	- Joshua Johnson, PE
Younger Member Co-Coordinator	- Colette Easter, EIT
Younger Member Co-Coordinator	- Matt Armstrong, EIT
Website Coordinator	- Joshua Johnson, PE

## **LOUISVILLE BRANCH**

The Louisville Branch has been particularly active since our summer recess. In September, Jeremy Raney with Louisville Metro Public Works and Assets discussed the Brownsboro Road Diet Project. The Branch was well represented at the Annual Meeting in Lexington, where Branch President Roy Flynn of Louisville-Jefferson County MSD provided the Branch report. In November, Chuck Kavanaugh with the Home Builders Association of Louisville presented on housing trends in the Louisville area and in December AJ Manion and Jean Terry from the law firm of Manion-Stigger provided guidance on how to avoid being sued as an engineer. Over 150 individuals have attended our monthly luncheons since the summer break.

On January 4, 2013 Scott Martin with 21<sup>st</sup> Century Parks will discuss the plans and progress at the Parklands of Floyds Fork.

Officers are as follows:

President	- Roy Flynn, PE (MSD)
Vice President	- Paul Maron, PE (Strand)
Treasurer	- Kent Ballard, PE (HDR)
Secretary	- Shanaka Ewing, EIT (LWC)
Welcoming Chair	- Sean Craig, EIT (MSD)
Past President	- Andrew Gilley, PE (Qk4)

**YMG** – The Younger Members Group has been meeting every month for lunch to plan events. In December, the Group organized a tour of the Louisville Water Company's historic Crescent Hill Water Filtration Plant with the University of Louisville Student Chapter. The tour was followed by a social hour and dinner.

The Louisville younger member group officers are as follows:

President	-Ryan Tinsley, PE (Strand)
Vice President	-Paul Belshoff, EIT (BTM)
Secretary	-Sean Craig, EIT (MSD)
Treasurer	-Nathan Chappell, PE (BTM)

Please contact one of the officers above or checkout our Facebook page for more information about upcoming group activities. (<https://www.facebook.com/groups/72189546512/>)

## **FRANKFORT BRANCH**

President - Scott Thomson, P.E.  
[scott.thomson@ky.gov](mailto:scott.thomson@ky.gov)

## **PENNYROYAL BRANCH**

President – Shane Palmquist, PhD, P.E.  
[shane.palmquist@wku.edu](mailto:shane.palmquist@wku.edu)  
(270) 745-2919

## **REGION 4**

### **MESSAGE FROM THE REGION 4 GOVERNOR**

Hello fellow members:

First, let me say that I appreciate being elected to serve as your “Governor” for Region 4 of ASCE (and without anyone being subjected to all those negative campaign ads!!), and to thank J.P. Mohsen, our

outgoing Governor, for his leadership and continued support of ASCE. I wanted to take a moment to say hello, and let you know that I am here to help serve our local ASCE branches and student chapters over the next 3 years. As an ASCE Governor, my role is to act as a local connection between the branches/section and student chapters up to National (through our region). One of the ways we are supposed to do this is by making periodic visits to branches/student chapters (usually at meetings or similar events) and listening to members to understand any particular issues or questions for ASCE that we want to bring to National's attention. So to start my term off, I'd like to offer and ask the following:

- Contact with ASCE Student Chapters (University of Kentucky, University of Louisville, and Western Kentucky University) - I would like to try to get to each student chapter at least once per year, so I've already been reaching out to establish those contacts to help make that happen. If you happen to know of an upcoming Student Chapter event, please let me know!
- Local Branch Meetings/support – I would also like to help support your local chapter meetings, and help work with some of you with National to resolve any issues with revitalizing branches, and those sorts of things. I'd be glad to give a brief update on ASCE national issues as part of the business meeting of your branch event. Please let me know of your upcoming planned meetings.
- Issues to bring to Kentucky Section attention – I certainly plan on attending our Section board meetings and stay in communication with our local leadership – so please let me know of particular issues, questions, or requests to the Section for discussion and I would be glad to discuss further with you.
- Contacting me – feel free to drop me an email anytime, or contact me via cell phone – my full contact information is below; I am very appreciative that my employer (Stantec), and our Kentucky Section, both support my efforts in my role as Governor, and I hope to serve our membership well.

Thank you for your service and support of ASCE!

**Jon Keeling, PE, CFM, M.ASCE**

Email: [jon.keeling@stantec.com](mailto:jon.keeling@stantec.com)

Phone: 859-940-2854

## **UPCOMING EVENTS**

- Multi-Region Conference for Section and Branch Leaders and Younger Member Groups will be February 7-9, 2013 (Providence, RI); ASCE Legislative Fly-In will be March 19-21, 2013 (Washington, DC); Region 4 Assembly of Delegates/Board of Governors Meeting will be April 19-20, 2013 (Louisville, Kentucky)\*
  - \*Note – active, interested members are encouraged to attend this meeting as a delegate/representative, to help voice any concerns or issues you or others have to our ASCE Region and National – please contact any Kentucky Section Officer or your Governor (Jon Keeling) if interested in attending
- Note that ASCE National will be publishing the updated Report Card for America's Infrastructure in March, 2013
- Strategic Initiatives – ASCE National – maybe you could put a list on these in newsletter under Regional update –
  - a. Infrastructure Needs/Concerns of the Nation
  - b. Raise the Bar
  - c. Sustainability

# Spring 2013 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 2-09-2013 through 3-16-2013. This course has been continuously offered each fall and spring since 1996. List of companies who have utilized this course in training their employees is available upon request.

<u>DATE</u>	<u>TIME</u>	<u>TOPIC</u>	<u>INSTRUCTOR</u>
Feb 09	8:00- 9:55 am	Structural Analysis	J. P. Mohsen
Feb 09	10:05 - 12 noon	Strength of Materials	J. P. Mohsen
Feb 16	8:00 - 9:55 am	Soil Mechanics	Jerry Vandevelde
Feb 16	10:05 - 12 noon	Foundation Engineering	Jerry Vandevelde
Feb 23	8:00 - 9:55 am	Hydraulics	Nageshwar Bhaskar
Feb 23	10:05 - 12 noon	Hydrology	Nageshwar Bhaskar
Mar 02	8:00 - 9:55 am	Geometric Design	J. P. Mohsen
Mar 02	10:05 - 12 noon	Water Wastewater Treatment	Andy Winfrey
Mar 09	8:00 - 9:55 am	Structural Design	J. P. Mohsen
Mar 09	10:05 - 12 noon	Construction Materials	J. P. Mohsen
Mar 16	8:00 - 9:55 am	Engineering Cost Analysis	J. P. Mohsen
Mar 16	10:05 - 12 noon	Scheduling and Estimating	J. P. Mohsen

**TEXT:** Comprehensive, spiral-bound course notes are included in the fee

**LOCATION:** Kentucky Engineering Center is located at 160 Democrat Drive Frankfort, KY 40601

**FEE:** Early Registration by February 1, 2013 - \$ 459.00  
Regular Registration after February 1, 2013 - \$ 489.00

**REGISTRATION:** To register, please mail, fax, or email the completed form to:

Dr. J. P. Mohsen, technical course coordinator, University of Louisville, Civil and Environmental Engineering Department, Louisville, KY 40292 or, e-mail [jpm@louisville.edu](mailto:jpm@louisville.edu) or, FAX registration form to (502)852-8851. TEL 502-852-4596.

-----  
**REGISTRATION FORM (Mail To)**

Dr. J. P. Mohsen, U of L, Department of Civil and Environmental Engineering, Louisville, KY 40292

Name \_\_\_\_\_

Title \_\_\_\_\_ Specialization \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_ Zip \_\_\_\_\_ FAX \_\_\_\_\_

Work Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

Home Phone \_\_\_\_\_ E-MAIL \_\_\_\_\_

**MAKE CHECK PAYABLE TO: Professional Exam Review Civil Engineering (PERCE)**

Check Enclosed

Bill my company P. O. # \_\_\_\_\_

American Society of Civil Engineers  
Colette R. Easter, Acting Newsletter Editor  
Stantec Consulting Inc.  
1409 North Forbes Road  
Lexington, KY 40511



Non Profit Org.  
U.S. POSTAGE  
PAID  
Permit 976  
Louisville, KY.