

SPRING 2013 NEWSLETTER

March, 14 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

Kentucky Section ASCE..... www.kyasce.org

Louisville Bluegrass Branch KY Section ASCE.....
www.ascelouky.org

Bluegrass Branch KY Section ASCE..... www.ascebluegrassbranch.com

Kentucky Geotechnical Engineering Group (KGE):
www.kgeg.org

University of Kentucky Student Chapter
www.asce.engineering.uky.edu

University of Louisville Student Chapter
www.louisville.edu/speed/asce

Western Kentucky University Student Chapter
www.wku.edu/engineering/Programs/Civil/ASCE

PRESIDENT'S MESSAGE

Dear ASCE Kentucky Section Members:

This is the first Kentucky Section newsletter of the year and I hope the beginning of 2013 has been exciting for you. The KY Section Board of Directors would like to welcome all members to a new and what we hope is a productive year.

Your Kentucky Section Officers were installed at the October 2012 annual meeting and are as follows:

- Daniel Tegene, PE - Past President
- Craig Barnett, PE - President
- Chris Keil, PE - Vice-President
- Josh Johnson, PE - Treasurer
- Andy Gilley, PE --- Secretary
- Colette Easter - Newsletter Editor

If you have any questions, concerns or comments for the KY Section, please feel free to contact any of the officers listed above. Their contact information is included on the KY Section website: www.kyasce.org

As President, I look forward to an exciting year. It is my priority to engage all branches and student chapters of the KY Section. The Section is a valuable resource to each branch and student chapter, providing support and sponsorships. If you have any questions, concerns, suggestions, or information on possible sponsorships, please contact me by phone (859) 806-6267 or email craig.barnett@stantec.com and I'll be sure to discuss them with the rest of the Board during the quarterly meetings.

Our annual meeting will be held in Louisville. The planning committee is moving forward with plans for the meeting and there will be more information to come throughout the year. Stay tuned and check out the website (www.kyasce.org) for updates. If you have any suggestions or questions in regards to the annual meeting, please contact the planning Chair, Chris Keil (Chris.Keil@strand.com).

As spring approaches I hope each and every member enjoys the exciting activities planned for the season.

T. Craig Barnett, PE, MASCE
President, KY Section ASCE

ANNOUNCEMENTS

ASCE is pleased to announce that Marcella Kennedy - University of Louisville- has been named a 2013 New Face of Civil Engineering-College Edition.

Marcella was selected based on her superior stature among her peers as a well-rounded student, engaged citizen and strong representative of the vision ASCE has for successful stewards of the future of the civil engineering profession. Marcella will be recognized by ASCE headquarters and her University, and will compete for a spot as ASCE's student representative in the National New Faces of Engineering - College Edition. A feature story with details about all the New Faces of Civil Engineering - College Edition, including Marcella, is available as of on the national ASCE website: <http://www.asce.org/ascenews/>.

University of Louisville Steel Bridge Team - National Qualifier

The AISC/ASCE Student Steel Bridge Competition inspires students to design, fabricate, and construct a 1/10th scale steel bridge. In a student-driven effort, the University of Louisville ASCE Steel Bridge Team was re-established in Fall 2009 with the aid of advisor, Dr. McGinley, PE. Thanks to support from faculty, the university, sponsors, and fellow students, the Team has increased its successes with each passing year and addressed new challenges presented by competition rules, whose specifications are always changing. Recent sponsors include: Vogt Power International, U of L CEE Department, U of L Speed School Dean's Office, Steel

Dynamics, Inc., French Contracting, U of L Mechanical Engineering Department, Caldwell Tanks, Stantec, Society of American Military Engineers Kentuckiana Post, and others.

In March 2012, the group traveled to the Ohio Valley Student Conference (OVSC) at the University of Pittsburgh, competing against other ASCE student chapters from Kentucky, Indiana, Ohio, and Pennsylvania. The U of L Steel Bridge Team brought home many awards, including: 1st in lightness, 2nd in efficiency, and 3rd in construction speed, stiffness, and economy. These awards enabled the Team to place 3rd overall, qualifying for the National Student Steel Bridge Competition (NSSBC) for the *first time in U of L history!*

The 2012 NSSBC was held in May and hosted by the Clemson University ASCE student chapter. The U of L Team placed 45th but was honored to contend against the likes of MIT, Berkeley, and many other prestigious schools, and learned a lot about the competition and what it takes to win it.

Currently, the 2013 U of L Steel Bridge Team is hard at work perfecting the bridge's connection designs and drafting plans for submittal to the fabricator. Many thanks to this year's sponsors so far: ASCE KY Section, ASCE Louisville Branch, KSPE Louisville, C&I Engineering, and Luvata. The Team has formed many invaluable partnerships and is optimistic about the 2013 OVSC, with the goal of qualifying for Nationals once more and placing in the Top 20.



2012 Team before build at 2012 OVSC

Left to right: Ty Holderbaum, Rob Peace, Marcella Kennedy, Stephanie Coffey, Trey Flecter, Brooks Benton, Aaron Cecil, Cory Williams, Natalie House-Lewis



2012 Team during build at 2012 NSSBC

Left to right: Brooks Benton, Trey Fletcher, Cory Williams, Natalie House-Lewis, Aaron Cecil

BRANCH REPORTS

BLUEGRASS BRANCH

Over the holidays The Blue Grass Branch was involved with several local charities, including Jarrett's Joy Cart and the Salvation Army Angel Tree. In January the branch had a joint meeting with KSPE, touring the UK Center for Applied Energy Research. February was full of exciting activities including Engineers week, February 18th through 22nd. The branch celebrated Engineers Week by visiting local schools to promote engineering and participating at the University of Kentucky's E-Day held this year on February 23rd.

The next event for the Blue Grass Branch will be on Friday, March 22 at 12:00. We will be having a joint meeting with the University of Kentucky Student Chapter and having a small career fair. Please visit our website for additional information: www.ascebluegrassbranch.com

LOUISVILLE BRANCH

The Louisville Branch has an outstanding series of speakers scheduled for this year:

<u>Date</u>	<u>Speaker</u>	<u>Topic</u>
3/8/2013	Michael Price	Louisville by the Numbers
4/12/2013	U of L ASCE Student Chapter	Student Chapter Update
5/10/2013	Greg Heitzman	LWC/MSD Merger

Please go to <http://ascelouky.org/> to make reservations for Louisville Branch luncheons.

We have begun planning for the Annual Meeting in October 2013. Be on the lookout for dates and location information in the near future. The Planning Committee has several exciting ideas on how to make this year's Meeting more informative and interactive than ever before.

ASCE Louisville Branch Younger Member Group

The ASCE Louisville Branch Younger Member Group held its January lunch meeting at Impellizzeri's Pizza in downtown Louisville. The purpose of the meeting was to network and plan upcoming events. A total of 15-younger members and two student members attended the meeting.

On February 16th, the Younger Member Group assisted with exam grading and proctoring assistance during the KSPE MathCounts Competition held at the J.B. Speed School of Engineering. This annual event is attended by approximately 250-local middle school students. For the volunteers, this is a great way to encourage the advancement of STEM education and careers with the student competitors.

Our group attended a University of Louisville Women's Basketball Game and happy hour on February 20th and attended a presentation on the Big Four Pedestrian & Bicycle Bridge project on February 27th.

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