In This Issue:

1. Tonight’s agenda

Sudoku

Important Information

1. Speaker Profile

Structure Profile

1. Scholarships/Internships

Schedule

Sudoku Answers

**Introductions:**

Practitioner Advisors: Dave Karnowski

Peter Clark

Honorary Lifetime

Contact Member: Bob Thorn

Faculty Advisors: Dr. Melhem

Dr. Riding

**Officer Reports:**

President: Jennifer Sommerfeld

*jsommer@ksu.edu*

Vice President: Vincent Studer

*studerv@ksu.edu*

Treasurer: James Scott

*jamesds@ksu.edu*

Secretary: Michael Stancic

*sumadinac316@ksu.edu*

Editor/Historian: Claudia Gonzalez

*claudi1@ksu.edu*

Freshman/Sophomore Rep: Yadira Porras

*yaporras@ksu.edu* Activities/Projects Chair: Noura Saadi

*nsaadi@ksu.edu*

Steel Bridge Chairs: Robert Schweiger

*rschwei2@ksu.edu*

Cale Armstrong

*cagolf91@ksu.edu*

Concrete Canoe Chairs: Katlyn Dotson

*kattydid@ksu.edu*

Nathan Pohl

*pohl@ksu.edu*

Open House Chairs: Ben Nye

*nye@ksu.edu*

Nicholas Clow

*nickclow@ksu.edu*

Caleb Mitchell

*caleb7@ksu.edu*

**Agenda:**

Announcements: Jennifer Sommerfeld

Introduction of Speaker: Vince Studer

Speaker(s): Kurt Rotering, P.E.

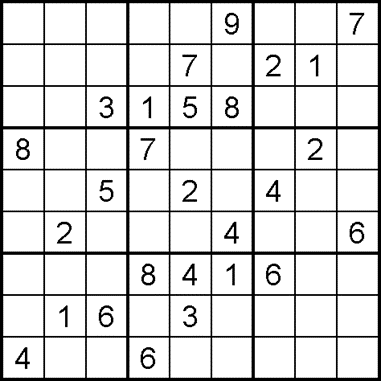
Important Information

**Students must become national members to receive credit for ASCE Student Membership.** Registration is **free** and can be done online at http://www.asce.org/

Click “login” at the top of the page, then click “click here to create one” and follow the instructions to become a national member.

**If you are not currently enrolled in CE015, please do so in order to receive credit for attendance. Class Number: 10581**

**FE Review** manuals are available for purchase. Contact James Scott if you are interested in purchasing the manual.



\*



**   
Eastgate Centre in Zimbabwe**

The Eastgate Centre in Harare, Zimbabwe, although being the country’s largest office and shopping complex, is best known for having no conventional air-conditioning or heating. Instead, it stays regulated year round with a method inspired by the self-cooling mounds built by African termites.

Much like the mounds, the outside air that is drawn in by the mostly concrete building is either warmed or cooled by the building mass depending on which is hotter, the building concrete or the air. It is then vented into the building’s floors and offices before exiting via chimneys at the top. The complex also consists of two buildings side by side that are separated by an open space that is covered by glass and open to the local breezes. Air is continuously drawn from this open space by fans on the first floor. It is then pushed up vertical supply sections of ducts that are located in the central spine of each of the two buildings. The fresh air replaces stale air that rises and exits through exhaust ports in the ceilings of each floor. Ultimately it enters the exhaust section of the vertical ducts before it is flushed out of the building through chimneys. \*\*

**Kurt Rotering, PE,**

Transportation Engineer   
Affinis Corporation.

Kurt Rotering is a registered professional engineer and professional traffic operations engineer. He graduated from Kansas State University with a B.S. in Civil Engineering in 2007 and M.S. in Transportation Engineering in 2011. Kurt is currently working as a transportation engineering for Affinis Corporation in Overland Park, Kansas.

Tonight, Kurt will give a presentation titled “The Next Step”. It will cover information about Affinis and Consulting Engineers, what he does on a daily basis, what students should be doing to prepare, and what firms are looking for.

**Enter for a chance to win a FREE TEXTBOOK!** All you have to do is:

1) Email 3 interesting facts about yourself (one being why you chose to major in Civil Engineering) to

[**yaporras@k-state.edu**](mailto:yaporras@k-state.edu)**.**

2) If chosen, attend the assembly to present your three facts.

All those who participate in the “Student Spotlight” will be entered in a drawing to win a free textbook for the 2014 Fall semester! The drawing will take place on the last assembly of the semester.

Schedule

**Sources:**\*Sudoku puzzle from Sudokucollection.com  
\*\* http://inhabitat.com/building-modelled-on-termites-eastgate-centre-in-zimbabwe/

**Scholarships**

*March 17th, 2014:*

* Patti Johnson Wilson Foundation Scholarship
  + The Patti Johnson Wilson Foundation grants scholarships to undergraduate students majoring in Music, Engineering or Liberal Arts. The Trustees prefer that applicants work at least 10 hours per week. The MINIMUM undergraduate grade point average is 3.5 (on a 4 point system). Last year, the scholarship awards were $3,000-$4,000. These scholarships are restricted to sophomore, junior, and senior undergraduates.

*May 1st, 2014:*

* Kansas Chapter of the American Public Works Association: Steve Webb Memorial Scholarship

**Internships/Jobs**

[Riley County Summer Internship](http://www.rileycountyks.gov/jobs)

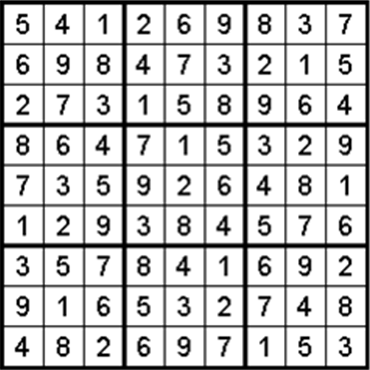
GBA

**For more information on these scholarships and internships, visit** [**http://www.engg.ksu.edu/asce/**](http://www.engg.ksu.edu/asce/) **and click on the “Bulletin Board” tab.**

Scholarships/Internships

|  |  |  |
| --- | --- | --- |
|  |  |  |
| March 6 | **Assembly** | Water 231 |
| March 11 | **Tour** | Water Treatment  Plant |
| April 4-5 | **Open House** |  |
| April 17 | **Assembly** | TBA |
| May 1 | **Assembly** | TBA |
|  |  |  |

**DATES SUBJECT TO CHANGE**



|  |  |
| --- | --- |
|  |  |

Fold and tear here

**----------------------------------------------------------------------------------------------------**

**Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Class Rank**: FR SO JR SR (circle one)

**Date**: March 6, 2014

**Student Member**: Y / N (circle one)

**National Member**: Y / N (circle one)  
 **National Number**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_