

ASCE Newsletter

Kansas State University Chapter

February 8, 2007

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Reminder:

Make sure you check your class schedule to see if you are enrolled in CE 015, Ref # 35070 for the Spring 2007 semester. To enroll in CE 015, you will need to get a drop/add form plus a letter of permission and walk it to Enrollment Center, Willard 210.

Put in your planner:

Engineering career fair: Feb 13th
Engineering week: Feb 19 - 23
Open House: Apr. 13 - 14
Apr. 13, 2:30 - opening ceremonies
Apr. 14, 6:30 - banquet



Tonight:

Introductions: Joyce Smith
Practitioner Advisors: Dave Karnowski
Jeri L. Meyer
Earl Tast
Honorary Lifetime
Contact Member: Bob Thorn
Faculty Advisors: Dr. Melhem and Dr. Stokes

Officer Reports:

President: Joyce Smith
Vice President: Chad Banka
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Recording Secretary: Wilson Smith
Corresponding Secretary: Trent Dansel
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Graduate Student Rep: Brandon Decker
Activities Chair: Brian Coomes
Special Projects Chair: Anthony Dowling
Open House Chairs: Cody Cates and Eric Byrd
Steel Bridge Chairs: Josh Lipscomb
Steven Hammerschmidt
Concrete Canoe Chairs: Bryan Donze
Paul Bruss
Webmaster: Douglas Duncan

Agenda:

Announcements: Joyce Smith
Internship Presentation: Kevin Friedrichs
Introduction of Speaker: Chad Banka
Speaker: Roger Post
Topic: "Reconstruction of the Charles B. Wheeler Down-
town Airport in KC Missouri"

Professor Profile

Asad Esmaeily

Dr. Asad Esmaeily started his career as an Assistant Professor of Structural Engineering at Kansas State University in August 2002. He graduated with a Ph.D. in Structural Engineering from University of Southern California (USC) in 2001. He also holds an MS in Structural Engineering and an MS in Electrical Engineering from the same school, earned in 1998 and 2000 respectively. After graduation he worked for Caltrans (California Department of Transportation) for close to a year where he was engaged in the “San Francisco-Oakland Bay Bridge East Span Seismic Safety project.” This project involves retrofit and also replacement of a large portion of the existing bridge with a new cable-stayed, segmental bridge. Despite the good weather and other benefits in California, his interest in academia made him join KSU where he could meet nice people like you.

So far he has taught courses like Statics, Statics and Dynamics, Design of Reinforced Concrete Structures, Advanced Theory of Reinforced Concrete, Structural Dynamics, Structural Analysis, and independent study courses like Design of Structures under Dynamic Loads. His research interests include a wide range of topics within the structural area, especially structural dynamics and earthquake resistant structures. At KSU, he has been involved in some research programs related to reinforced concrete structures, such as Post Tensioning Inverted T Girders, Time-dependent properties of SCC, Confined Concrete Models and behavior, and Seismic Response of Bridge Piers under Various Loading Scenarios. He is currently working also on Thermal Effects on Integral Bridges, Optimal Algorithms for Structural Damage Detection, and Development of a Simple Process for Strength Evaluation of Bridges. He is an active member of a couple of professional societies such as ASCE, ACI, ASEE, ASCCS, and technical committees like ASCE-ACI Committee 44I and ASCE Experimental Analysis and Instrumentation (EA & I) Committee.

He was born in Kerman, a south-central city in Iran, where he finished his primary and high school, ranking first in Kerman Province and second nationwide. He earned his BS and MS in civil engineering from Tehran University. While being awarded for his educational achievements, he was also the top news broadcaster of the nation (a part time job) when he was an undergraduate student at Tehran University.

After graduation with his MS, he worked for three years as the managing director of Kerman Regional Water Authority with 10 offices and more than 2000 employees nationwide, affiliated to ministry of energy. He also taught at Kerman Azad University, and worked as a senior design engineer for a couple of years before migrating to US and starting his Ph.D. program at USC.

He married his wife Shokouh in 1994, and they now have 2 sons. Amir Elias, 10, born in Los Angeles, and Daniel, 3, born in Manhattan, KS.

Sudoku

	4	3	2	6				
		6						3
	8	9	1		5			
	3		6					4
4	7			1			3	8
8					4		7	
			7		6	1	8	
1						9		
				9	1	3	2	

Puzzle by websudoku.com

News and Notes

Scholarships

James L. Ogden Memorial Scholarship

Criteria:

- \$1,000 shall be distributed in the form of an annual scholarship. The scholarship will be awarded by semester (\$500 each in the fall and spring semesters.)
- Applicants must be currently attending Kansas State University or the University of Kansas with a declared major in CIVIL ENGINEERING and have a minimum of twelve (12) hours completed in his/her major.
- Students must submit an official copy of his/her transcript with the application.
- Students must have a current GPA of 2.5 or above.
- Applications are due by March 31 and should be returned to:
Greater Salina Community Foundation
P.O. Box 2876
Salina, KS 67402-2876

For an application, contact the Greater Salina Community Foundation at (785) 823-1800 or email us at michellgriffin@gscf.org

Internships and Jobs

Engineering and Computer Science Students

Need a Summer Internship? Apply to REU Today!!!

Computer and Engineering-specific -

http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5049

Search all Majors -

http://www.nsf.gov/crssprgm/reu/reu_search.cfm

Program Overview -

<http://www.nsf.gov/crssprgm/reu/index.jsp>

What is REU?

REU is Research Experiences for Undergraduates. This program supports active research at various universities funded by the National Science Foundation. You do research at some other university for the summer.

What are the Requirements?

Must be an undergraduate student.

Must be a U.S citizen or permanent resident

Is it Paid?

Stipends are Granted (Amounts Vary Per University)

Housing and Travels Expenses (Not all Sites)

How do I Apply?

Students apply directly to REU Sites and should consult the directory of active REU Sites on the Web at:

http://www.nsf.gov/crssprgm/reu/reu_search.cfm

http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10006

When Should I Apply?

NOW! Application Deadlines are approaching fast! Deadlines vary per university. Some due as soon as February 1, 2007.

Check out the ASCE website at:
www.engg.ksu.edu/asce

ASCE Notable History

KSAC (Kansas State Agricultural College) established the Civil Engineering curriculum in 1907. That makes this year the 100th anniversary of civil engineering at Kansas State.

In 1922, the Kansas State chapter of ASCE was formed. Previous to this, the CE student group had been called the Civil Engineering Society

Durland, Rathbone, and Fiedler Halls were built on what was formerly the football practice field. Durland was finished in 1976, costing over \$3 million. The building was named after Dean Merrill A. Durland, a Kansas State College graduate, professor, and Dean of the School of Engineering and Architecture, and Director of the Engineering Experiment Station.

Rathbone Hall was added on the north end of Durland Hall in 1982 at a cost of \$8 million. The building is named after former dean of Engineering, Donald E. Rathbone.

Fiedler Hall was added on to the west end of Rathbone Hall and was completed in 2000. The building was dedicated to George and Alice Fiedler. George Fiedler earned a B.S. in electrical engineering in 1926 and a professional degree in electrical engineering in 1934, both from K-State. Alice Fiedler made the donation of \$5.3 million to make the construction of Fiedler Hall possible.

Cryptogram

SFKWKQJ MSJ LEO JRB OR OTE

ORQ FBO KO OSGEI ATSZSOEZ OR

GEEQ JRB OTEZE . -DRTU PRRNEU

CLUE: O is T

Answer on page 4.

Schedule and Officers

Remaining Schedule Spring 2007

February 15th

Officer's Meeting
7:00PM (CE conf. room)

February 22nd

*Assembly
7:00PM (DUF1107)

March 1st

Officer's Meeting
7:00PM (CE conf. room)

March 8th

*Assembly
7:00PM (DUF1107)

March 15th

Officer's Meeting
7:00PM (CE conf. room)
** Highway Cleanup

March 29th

Officer's Meeting
7:00PM (CE conf. room)
** Highway Cleanup

April 5th

*Assembly
7:00PM (Rathbone 1073)

April 12th

Officer's Meeting
7:00PM (CE conf. room)

April 19th

** CE Picnic

May 3rd

*Assembly
7:00PM (DUF 1107)

*counts as Assembly Credit

**counts as an extra credit

Spring 2007 ASCE Officers

OFFICE	NAME	E-MAIL
President	Joyce Smith	jesmith@ksu.edu
Vice President	Chad Banka	cbanka@ksu.edu
Treasurer	Joey Holste	joeyh@ksu.edu
Corr. Secretary	Trent L. Dinsel	tdinsel@ksu.edu
Rec. Secretary	Wilson Smith	was4@ksu.edu
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	Anthony Dowling	awdowlin@ksu.edu
Webmaster	Douglas Duncan	douglas2@ksu.edu
Open House Chairs	Cody Cates	ccates@ksu.edu
	Eric Byrd	ebyrd@ksu.edu
Concrete Canoe Chairs		
	Bryan Donze	bdonze07@ksu.edu
	Paul Bruss	pjb2@ksu.edu
Steel Bridge Chairs	Josh Lipscomb	lipscomb@ksu.edu
	Steven Hammerschmidt	hammer@ksu.edu

Cryptogram Answer:

Ability may get you to the top but it takes character to keep you there. -John Wooden

Feel free to send comments and suggestions for the newsletter to: erf@ksu.edu