Securing a Prize!

Congratulations to Farinaz Koushanfar, ECE associate professor, who, along with colleagues from Cornell, won Cisco’s Security Grand Challenge. These days, security gets a lot of attention in the technology world and Farinaz and her group are world leaders for hardware that tackles security challenges. Her group designs secure devices as well as works in radio security, cyber-physical security, sensor-based systems security, digital rights management, IP and piracy protection as well as Trojan detection. You can read more about her win here: http://goo.gl/m9mUt1.

SoE Research in the Spotlight: SCREECH! ... and Hey Faculty!

Thursday evening you can hear 27 graduate students give 90-second descriptions of their research at RCEL’s Research Screech! This is a great way to find out what kind of research is going on in the School of Engineering and to support your labmates! Undergrads: if you’re looking for a research group to work with, this is the place to hear about some dynamic groups! Faculty, show support for your graduate students! Not too many of faculty are signed up to attend yet but I’d like to see good faculty representation on Thursday night! RSVP here: http://screech.rcel.rice.edu/!

Join a Club!

Engineering clubs provide great opportunities for students to further develop their leadership abilities, take on projects that increase their engineering skills and get to know others in and outside their major. Some clubs take on community service projects that benefit people in Houston or beyond (think EWB). These are all very good things. One club I’d like to highlight is the CSters, which is for women in computer science. A few years ago there were only a handful of women majoring in computer science at Rice. This fall, 30% of students majoring in CS are women and clubs like CSters play a big part in that kind of success! Officers and club members—18 of them—recently attended the Grace Hopper conference in Phoenix (some of them are in the photo here). You can read about the conference at:
I encourage all of you to join any clubs related to your discipline. It will enrich your experience in the field and maybe you can attend a conference, too! There’s a list of engineering club with links here: [http://engineering.rice.edu/Content.aspx?id=1496](http://engineering.rice.edu/Content.aspx?id=1496).

**Making It!**

I love to hear about students taking initiative and the FabShops at the OEDK are a great example of what a group of passionate people can accomplish. These workshops cover everything from using tools in the OEDK to how things work. The workshops were started last year when Adrian Yao ’14 and Thor Walker and Juan Borbon, both MECH seniors, got together with Matthew Wettergreen, OEDK lecturer, to meet the demands of engineering makers. You can read more about the FabShops and find out what’s coming up here: [http://engineering.rice.edu/fabshops/](http://engineering.rice.edu/fabshops/). You need to be quick when they’re announced, though, because they fill up fast!

**This Ship is Sailing! Plan ahead for next summer: NOW !!**

If you don’t have an internship lined up for next summer, now is the time to be working on getting one! I got a notice just last week that Solar Turbines, a Caterpillar company, has posted 13 positions in all areas of engineering for next summer. Go to [www.solarturbines.jobs](http://www.solarturbines.jobs) to find out more. You can find a list of other companies offering internships at [http://engineering.rice.edu/internships/](http://engineering.rice.edu/internships/) but keep in mind that just because someone is not on this list doesn’t mean they don’t hire interns! Go for it!

And while I’m on the topic of jobs, be sure to visit the Center for Career Development website regularly to keep up with their great offerings! [http://ccd.rice.edu](http://ccd.rice.edu)

**Lunch With Ned: CHBE Undergraduates Tomorrow!**

Undergraduate CHBE students (and undecided freshman thinking about CHBE as a major) need to sign up today to join me for lunch tomorrow at noon in Duncan Hall, room 1049. Sign up here: [https://engrice.wufoo.com/forms/zzfi26i1frrz7m/](https://engrice.wufoo.com/forms/zzfi26i1frrz7m/) right away!

**And the Winner Is . . . !**

Elizabeth Goodnight, MECH undergrad was the first to correctly answer last week’s quiz (Gabe Baker is the engineer who plays safety on the football team. Congratulations, Elizabeth! You have just added a Rice Engineering T-shirt to your wardrobe!
REA Tailgate Was Fun!

Speaking of football, I enjoyed my breakfast burritos and mimosas with a great group of engineering alumni and their families at the REA tailgate on Saturday. And then the Owls beat the University of North Texas 41-21 to make it a perfect day! (We now have 4 wins, 3 losses!) Here are a few shots from the tailgate. You know, engineering faculty and students are invited to these events and it’s a great way to network and find I-ships! Keep up with REA events here: http://alumni.rice.edu/rea

A Word About Sharing

Rice is in the middle of this year’s United Way Campaign and the School of Engineering has something to be proud of—the highest number of Lead Donors the last time I checked. We have a low rate of participation, though, so if you just haven’t gotten around to pledging yet, please take care of that (you can choose which organization gets your contribution). See how we’re faring and find out how to participate here: http://news.rice.edu/2014/10/20/rice-united-way-campaign-is-more-than-halfway-to-goal/. Go Engineering!

Companies on Campus

For more information on these sessions, see http://ccd.rice.edu.

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
</tr>
</thead>
<tbody>
<tr>
<td>6pm: JP Morgan Chase</td>
<td>4pm: BMO Capital Markets</td>
<td>6pm: Jeffries &amp; Co</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6pm: Wells Fargo Securities</td>
</tr>
</tbody>
</table>

Here are the events scheduled for this week:

**TODAY**

**CAAM**

**Jean-François Remacle**, Université catholique de Louvain

“An indirect approach to hex mesh generation”
3:00 p.m. in 1064 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22935

CEE
S. Gopalakrishnan, Indian Institute of Science, Bangalore
“Wave Propagation in Structures and Materials”
3:45 p.m. in 201 Ryon Engineering Bldg
http://goo.gl/PWkAIY

STAT
Natalia Sizova, Rice University
“The Joint Risk Dynamics of Stock Market Factors”
4:00 p.m. in 1070 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22604

TUESDAY
Dean of Engineering
Lunch with the Dean—CHBE Undergraduates
12:00 p.m. in 1049 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=23176

Center for Theoretical Biological Physics
John F. Marko, Northwestern University
"Micromechanical Studies of DNA-protein Interactions and Chromosome Organization"
12:30 p.m. in 1060 A/B BRC
http://events.rice.edu/index.cfm?EventRecord=23622

BIOE
Matthew R. Bennett, Rice University
“Engineering Multicellular Systems from the Ground Up”
4:00 p.m. in 280 BRC
http://events.rice.edu/index.cfm?EventRecord=23305

CS
Mary Hall, University of Utah
"Making Compilers Work: Autotuning for High-Performance Applications"
4:00 p.m. in 1070 Duncan Hall
http://goo.gl/vlDpuo

WEDNESDAY
Shell Center for Sustainability
"How Sustainable is the Texas Coast? Are we living in a "state of denial"?"
8:00 a.m. in McMurtry Auditorium, Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22918

THURSDAY
ECE
Carlos Urdaneta, Schlumberger
Here’s a list of upcoming major events.

**Dining with the Dean**
November 12—STAT Undergraduates [https://engrice.wufoo.com/forms/zy8rk7r0zl0moa/](https://engrice.wufoo.com/forms/zy8rk7r0zl0moa/)
November 14 – CS Undergraduates [https://engrice.wufoo.com/forms/z19jo4rm168s407/](https://engrice.wufoo.com/forms/z19jo4rm168s407/)
November 21—CAAM Undergraduates [https://engrice.wufoo.com/forms/z1ae67gw0kr6eqx/](https://engrice.wufoo.com/forms/z1ae67gw0kr6eqx/)

**Thursday, November 6**
K2I Distinguished Lecture – Stanley Williams
[http://events.rice.edu/index.cfm?EventRecord=23375](http://events.rice.edu/index.cfm?EventRecord=23375)

6th Annual Rice Undergraduate Elevator Pitch Competition
[http://events.rice.edu/index.cfm?EventRecord=22716](http://events.rice.edu/index.cfm?EventRecord=22716)

**Friday, November 7**
REA Honors Presentation
Details TBD Ann – not now but in the the future I want to really plug this and get SOE faculty to turn out along with their students – need to show support to the winners. Let’s think about how to publicize this over the time leading up to the event and get a great big turnout!

**Tuesday, November 11**
K2I Distinguished Lecture – Katy Borner
[http://events.rice.edu/index.cfm?EventRecord=22459](http://events.rice.edu/index.cfm?EventRecord=22459)

**Thursday, November 13**
ECE Distinguished Speaker Colloquium – David Goodman
[http://events.rice.edu/index.cfm?EventRecord=23412](http://events.rice.edu/index.cfm?EventRecord=23412)

Have a great week!
Ned

Edwin L. Thomas
William and Stephanie Sick Dean of Engineering