Houston: We have Engineers!

There was a ton of energy and excitement in the Grand Hall on Saturday as about 150 freshman engineers, a total of 40 sophomore, junior and senior coaches, 10 faculty and some other volunteers gathered for RCEL’s Liftoff!. Freshman teams had to solve an engineering challenge by launching a ping pong ball and landing it on a target to simulate a humanitarian aid drop. The first-place winners were Colby Kaskel, Frank Chang Chen, Dan Burke and Pranar Bhat. Congratulations to all of you and to Emma Gray, your coach! Congratulations also to Kaz Karwowski and his team for doing such a great job!

Watch the engineering homepage for a story (with lots of action photos) on the event in the coming days.

I-ship Event Was Great!

RCEL certainly got students to start thinking about I-ships on Thursday at Hot Tips for Internships. A good crowd heard from 2 Rice alums, David Van Kleeck ‘81 and Wendy Koenig ‘86 and Paul DeCarlo from Microsoft, and 3 RCEL students who told about their experiences this summer—seniors (left to right) Ryan McKnight, MECH; Rebecca Lam, MECH; and Julia Hossu, MECH. They all gave the audience some good advice on landing an internship and making the most of it. Well done! And there was plenty of time for students who want an internship this summer to talk to those who have had them. Nice event, RCEL! You can read more about it here: http://engr.rice.edu/internship_event2014/.

Speaking of Internships (and Jobs!)

The Center for Career Development’s Fall Career and Internship Expo is this Thursday, so you need to be polishing up your resume and making sure your business attire is ready to go! Before then, they’re having sessions on what to say (and not to say) and what to do (and not do) at an interview. You can also drop in and meet with Rice alumni who will help you prepare for the Expo. There will also be “Companies on Campus” all week holding information sessions (see the schedule
below). Remember: those companies take note of who shows an interest in them when they’re doing interviews! Visit the CCD web page to see when their prep sessions are and for descriptions of all their activities: http://ccd.rice.edu.

Grad Students: Get Ready to Screech!
The third annual Research Screech has been scheduled for Oct. 24th, so it’s time for grad students to start working on a 90-second description of their research. This is a great competition that allows you to tell your colleagues what’s so great about what you do all day (and late into the night!). It’s not just the prize money that motivates the Screechers, it’s the glory, too, so go here http://screech.rcel.rice.edu/ to find out more and get started!

Events and Opportunities of Note
ELA Event: What I Know Now But Wish I Knew Then
Hindsight is a wonderful thing, especially when someone shares it in order to help others. The Empowering Leadership Alliance, a program of the Tapia Center for Excellence and Equity, is holding an event Wednesday at 4pm in Duncan Hall room 1042. A panel of upperclassmen will share wisdom and answer questions about opportunities in STEM at Rice. Stop by and learn about ELA activities. Have some ice cream, too! See http://Facebook.com/ELARICE for more info.

CS Startup Meetup
Computer Science is doing something cool on Wednesday with their Startup Meetup. They’ve invited eight startups to campus to talk about what they do and to let students do some networking with them. The Meetup is noon-2pm in McMurtry Auditorium. See http://events.rice.edu/index.cfm?EventRecord=23152 for more information.

ECE Undergrads: Lunch with the Dean!
Last week I kicked off this semester’s Dining with the Dean series with a capacity number of CEE students and I’m hoping ECE undergrads can match their attendance! Our session will be on Thursday so I’m expecting to see some of you dressed for the Career Expo. You have to eat, though, so sit down with me and let me know what’s on your mind. Students who haven’t declared a major and are interested in ECE are also invited to attend. Sign up by tomorrow here: http://goo.gl/xBXd2q. Space is limited!

Medicine, Energy, Space, Technology Conference
The MEST conference on September 16th is about bringing together people who do “research, discovery and strategy from the MEST fields to focus on accelerating innovations.” There are a several challenges put forward by the sponsors, so check out the website at http://mestconference.com/. The event is sponsored by Shell GameChanger, MD Anderson, Microsoft and Rice’s Kennedy Institute. $25 for students, held at the BRC. Should be interesting!

Free MATLAB Seminars Next Week!
Space is limited, so sign up now: The MATLAB folks will be on campus Wednesday, September 17th, giving a series of seminars for faculty, staff, researchers and students. There will be a different topic for each of three sessions and you can find out what they are and register at http://www.mathworks.com/Rice2014. The 2pm session is a Lego Mindstorms NXT hands-on workshop, which sounds pretty exciting!
Rice Alliance Venture Forum Coming Up!

Thursday is a big day on campus. The Rice Alliance is having its Clean Tech Venture Forum. This is a chance to learn about the latest emerging technologies, do some great networking with entrepreneurs and investors. And it’s free for Rice students and faculty! While you’re all dressed up for the Expo, why not go over and see if you can make some connections! Find out more and register at http://alliance.rice.edu/2014_Energy_Venture_Forum/.

Global Forum Annual Meeting

The Rice Global Forum for Engineering and Construction’s annual meeting is coming up September 23-24 and the topic this year is “Impact of the North American Energy Boom on the Global Engineering & Construction Industry.” There are going to be a lot of engineering bigwigs at this event, so if you want to make some connections, this might be a good place to do it. Students can attend for free but you must register to attend. Bring a stack of resumes. Contact Nancy Tucker at nancyt@rice.edu for a special registration code. These folks are going to be wearing suits, so if you go, dress in business attire! See http://goo.gl/BC3L3t for more information.

Undergrad Researchers: Show Your Stuff!

Undergraduates doing research in computer science, chemistry, biosciences and electrical and computer engineering are invited to apply to participate in the Gulf Coast Undergraduate Research Symposium Saturday, October 25th. You'll need to give an oral presentation on your research to faculty, researchers and other undergrads from around the Gulf Coast. This will be at the BRC, so let's show everyone how great our undergrad researchers are! You need to apply before October 1. Go to http://gcurs.rice.edu for more information.

Uncle Sam Wants You! (If You’re an ECE Major!)

The U.S. Air Force has a program called the Technical Degree Sponsorship Program that is looking for junior and senior ECE majors who would like to earn some money while finishing their degrees and who are willing to attend Officer Training School and take a commission after graduation. There are lots of benefits and a number of qualifications they’re looking for. If you’re interested, you can find details and contact info here: http://goo.gl/x8ulxH.

This is WAAAY Cool!

AEXA Aerospace is looking for a team of 2-4 Rice engineering
students to participate in the International Air and Space Program’s first simulated mission to Mars! Students will be challenged to develop a thriving Mars community and interact with experts through online coursework. The mission will take place November 6th to 8th. You’ll get a fast course in rocketry, water purification, mineralogy, robotics, and thermodynamics. AEXA’s sponsorship will cover materials, meals, accommodation, transportation and flight suits. Only one team from Rice will be sponsored, so act fast if you are interested! To register, send an email to mailto:guillermo@aexa.biz with your team’s information, names of all members and your school affiliation. For more information, see http://iasp.network-maker.com.

Summer Opportunities for Service & Civic Research Abroad
The Center for Civic Leadership is calling for applications for the Loewenstern Fellowship and the Rice Developing World Student’s Scholarship, both of which are due October 10. They’re having information sessions for the Loewenstern today at 5pm and tomorrow at 12:15pm. For more information, visit http://cic.rice.edu. If you have a yearning to spend some time abroad broadening your horizons, check this out!

Companies on Campus

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<th>Today</th>
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<th>Friday</th>
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<td>4pm: BMO Capital Markets</td>
<td>4pm: Hines</td>
<td>4pm: DE Shaw Group and Baker Hughes</td>
<td>12pm: AlphaSights</td>
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<td>8pm: Price Waterhouse Coopers</td>
<td>6pm: ExxonMobil</td>
<td>6pm: Anadarko Petroleum (Finance) and Freescale</td>
<td>4pm: Microsoft</td>
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<td>8pm: TrellisWare Technologies</td>
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For more information on these sessions, see http://ccd.rice.edu

Here are the events scheduled for this week:

**TODAY**

**CAAM**
Adrianna Gillman, Rice University
“The Hierarchical Poincaré-Steklove Scheme”
3pm in 1064 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22926

**STAT**
Eric Feigelson, Pennsylvania State University
“Astrostatistics”
4pm in 1070 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22596

Smalley Institute for Nanoscale Science and Technology
Li Si-Dian, Shanxi University
“All-Boron Fullerene B40 and Related Nanostructures as Potential Energy Materials”
4pm in 227 Herman Brown Hall
http://events.rice.edu/index.cfm?EventRecord=23255&month=09-05-2014&week=08-31-2014&day=09-08-2014&action=day

TUESDAY
Center for Theoretical Biological Physics
Dimitri E. Makarov, the University of Texas at Austin
“Molecular and Coarse-Grained Views of Protein Dynamics in the Unfolded State”
12pm in 1060 A/B BRC
http://events.rice.edu/index.cfm?EventRecord=23254

Information Technology
HPC Code Workshop
2pm in 102 Ryon Engineering Bldg
http://events.rice.edu/index.cfm?EventRecord=23203

WEDNESDAY
CS
CS Startup Meetup
12pm in McMurtry Auditorium Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=23152

THURSDAY
Center for Career Development
Career and Internship Expo
10 am in Tudor Fieldhouse
https://www.google.com/calendar/event?eid=NmNtYzViMjZmZDY0NWczMjJxbTjJmzBnZWsgbnZxZWg2cXZkaHJobmowYm42aDJna2cyaw9AZw&ctz=America/Chicago

Go get an I-ship !!!!!

Dean of Engineering
Lunch with the Dean ECE Undergraduates
12 pm in 1049 Duncan Hall (registration required!)
http://events.rice.edu/index.cfm?EventRecord=23184

Natural Sciences/Rice Space Institute
Wayne Hale, NASA Space Shuttle Program, ret.
“Changing the Culture of Human Space Flight: How we returned the Space Shuttle to flight after Columbia”
7pm in McMurtry Auditorium Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=23149

FRIDAY
ECE
Warren M. Grill, Duke University
“Temporal Patterns of Deep Brain Stimulation: From Mechanisms of Action to Innovative Therapy”
11am in 280 BRC
http://events.rice.edu/index.cfm?EventRecord=22881

Here’s a list of upcoming major events.

Dining with the Dean
September 19—BIOE Undergraduates https://engrice.wufoo.com/forms/z130o4ws17t0bcn/
September 25—MECH Undergraduates http://events.rice.edu/index.cfm?EventRecord=23173
October 2—MSNE Undergraduates https://engrice.wufoo.com/forms/zf1pqrn1gdzd6n/
October 9—CHBE Undergraduates https://engrice.wufoo.com/forms/zzfi26i1frrz7m/
October 24—CS Undergraduates https://engrice.wufoo.com/forms/z19jo4rm168s407/
November 12—STAT Undergraduates https://engrice.wufoo.com/forms/zy8rk7r0zl0moa/
November 21—CAAM Undergraduates https://engrice.wufoo.com/forms/z1ae67gw0kr6eqx/

Monday, September 15
Rorschach Memorial Lecture: Educating the 21st Century Scientist and Engineer
http://events.rice.edu/index.cfm?EventRecord=22884

Tuesday, September 16
Medicine, Energy, Space, Technology (MEST) Conference
http://events.rice.edu/index.cfm?EventRecord=23101

Thursday, September 17
MATLAB seminar

September 22 – 23
Rice Global Engineering and Construction – XVII Annual Forum
http://events.rice.edu/index.cfm?EventRecord=23060

Thursday, September 25
Joan Brennecke - T.W. Leland Lecture in Chemical Engineering
Thursday, October 9
Michael Franklin – K2I Distinguished Lecture
http://events.rice.edu/index.cfm?EventRecord=22742

Friday, October 24
SCREECH!
Information TBD

Saturday, Oct. 25
REA Football Tailgate
http://events.rice.edu/index.cfm?EventRecord=18336

Have a great week!
Ned

Edwin L. Thomas
William and Stephanie Sick Dean of Engineering