Lifetime Achievement Honored

Hearty congratulations to Richard Tapia, University Professor, Maxfield-Oshman Professor of Engineering and professor of CAAM, who has been given the 2014 Mayor’s Hispanic Heritage Lifetime Achievement Award for his “commitment to helping minorities and women prepare for higher education and to increase participation of underrepresented students in the sciences.” Mayor Annise Parker ’78 presented Richard with the award last week. You can read more about Richard, his work and his many honors at http://engineering.rice.edu/tapia_lifetime/.

Heart of the Matter

Congratulations to Jane Grande-Allen who has been elected fellow of the American Heart Association for “meritorious contributions to the field of vascular biology through investigations into heart-valve disease.” Jane has a dynamic research group and has won awards for her advising, teaching and mentoring and she is now serving as faculty adviser to President Leebron.

BIOE, CHBE and MECH Racking Up the Wins!

Congratulations to design team Rack City, (left to right) Sharon Ghelman, BIOE; Annabelle McIntire-Gavlick, MECH; Kivani Sanchez and Brian Barr, CHBE; Kenny Groszman, BIOE; and Max Hasbrouck, MECH, whose expandable bike rack
for METRO busses won the $10,000 third place prize in the Odebrecht Awards for Sustainable Development. This is the same team that took first in the Texas Department of Transportation’s College Challenge last year when they were freshmen. Good job, Rack City!

Grad Students: Get Your Screech On by Friday’s Deadline! 90 seconds to fame!
The deadline to enter the 2014 engineering graduate student Research Screech is this Friday, so if you haven’t applied to participate, go to http://screech.rcel.rice.edu, answer the 7 questions that will determine if you qualify, and then start working on a 90-second pitch about your research! The event will be October 24th so you have some time to perfect your lightning talk. If you need some inspiration, watch the videos from past years here: http://goo.gl/53IlvV. This is THE grad student event of the year, so be a part of it!

Active Video-rate Terahertz Hyper-spectral 3D Imaging Camera – say what?!
Assistant Professor of electrical engineering, Aydin Babakhani, has just ordered the world’s fastest oscilloscope and he and Professor Rich Baraniuk are going to use it to help them build world’s first active video-rate Terahertz hyper-spectral 3D imaging camera. Research done with this super-duper camera will have applications in defense, security, explosive detection, chemical sensing, oil & gas exploration, and medical imaging. You can read more about what Aydin and Rich will be doing with this equipment here: http://www.ece.rice.edu/news/ABthz14/.

Meet A Statistician!
Congratulations to Genevera Allen, assistant professor of statistics for being featured in a video on the American Statistical Association web site. The video is part of a campaign to educate the public on what statistics is and what statisticians do. You can find these things out for yourself and see Genevera’s video at http://thisisstatistics.org. Check it out! Students thinking about majoring in statistics will find plenty of reasons why they should on this site!

NAE Video Competition
The National Academy of Engineering just announced the winners of its video contest and sadly, we didn’t win. However, there are some great 2-3-minute videos—very inspirational—and when you get a chance, you should watch them. Note that in the video that won first
place in the tertiary education category, at about 1:14 you’ll see a photo of our own R-Arm team, Nimish Mittal, Matthew Nojoomi and Sergio Gonzalez, along with the teen they built the arm for, Dee Faught. How cool is that? Watch the videos here: http://www.nae.edu/e4u/.

Events and Opportunities (and competitions!)

Ultimate Field Trip Competition
If you like competitions (as much as I do!), you might be interested in this: BP has invited Rice students to compete in their Ultimate Field Trip, a competition that will challenge you to solve a real-world energy challenge. This year the focus is on water sustainability. First prize is a two-week field trip to visit BP’s natural gas operations in Trinidad and Tobago. Could be very cool! Go look up T & T on a map! For more information, see http://goo.gl/AUw4Ch. We’re only allowed to send one three-member team, so if you’re interested in competing, send a message to deng@rice.edu right away. The deadline for completing the preliminary technical quiz is October 10.

Lunch is on Me!

This week I’m set to have lunch with MSNE majors and undecided students who are thinking about majoring in MSNE. We’ll meet Thursday at noon in Duncan Hall 1049. You need to sign up by tomorrow here: https://engrice.wufoo.com/forms/zf1pqm1gdzd6n/ to attend. ChBE majors, you’re slated for Thursday next week! Find details here: http://engr.rice.edu/eventslist.aspx?EventRecord=23176.

Companies on Campus (get a job, get an I-ship…)
For more information on these events, see http://ccd.rice.edu.

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
</tr>
</thead>
<tbody>
<tr>
<td>4pm: BG Group &amp; Hewlett Packard</td>
<td>6pm: Mu Sigma</td>
<td>6pm: Delphix</td>
</tr>
<tr>
<td>6pm: Halliburton</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Here are the events scheduled for this week:

TODAY
STAT
Majors/Minors Lunch with Statistics Faculty
12:00 pm in 3092 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=23272

CAAM
Richard Tapia, Rice University
“Inverse, Shifted Inverse and Rayleigh Quotient Iteration as Newton’s Method”
3:00 pm in 1064 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22931

CS
Henry van den Bedem, Stanford University
Robotics Seminar: “Characterizing Biomolecular Ensembles with Molecular Scale Kinematics”
3:00 pm in 3076 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=23385

STAT
David Matteson, Cornell University
“A Bayesian Multivariate Functional Dynamic Linear Model”
4:00 pm in 1070 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=22599

WEDNESDAY
Dean of Engineering
KPCB Fellows Application Workshop
(this is not about a radio station)
12:00 pm in 112 Ryon Engineering Bldg
http://events.rice.edu/index.cfm?EventRecord=23347

THURSDAY
Dean of Engineering
Lunch with the Dean - MSNE Undergraduates
Freshmen should attend!
12:00 in 1049 Duncan Hall
https://engrice.wufoo.com/forms/zf1pqrn1gdzd6n/

FRIDAY
ECE
IEEE Friday Lunch Talk – Allan Ross, Schlumberger
12:00 pm in 1064 Duncan Hall
http://events.rice.edu/index.cfm?EventRecord=23192

SUNDAY
RiceX (Rice chapter of American Institute of Aeronautics and Astronautics) Club Meeting
3:00 pm in OEDK

Here’s a list of upcoming major events.

Dining with the Dean
October 9—CHBE Undergraduates https://engrice.wufoo.com/forms/zzfi26i1frrz7m/
November 12—STAT Undergraduates https://engrice.wufoo.com/forms/zy8rk7r0zl0moa/
November 21—CAAM Undergraduates https://engrice.wufoo.com/forms/z1ae67gw0kr6eqx/
Thursday, October 9
Michael Franklin – K2I Distinguished Lecture
http://events.rice.edu/index.cfm?EventRecord=22460

Monday, October 13 – Tuesday, October 14
De Lange Conference: Teaching in the University of Tomorrow
http://events.rice.edu/index.cfm?EventRecord=22719

Thursday, October 23
Solar Eclipse Viewing
http://events.rice.edu/index.cfm?EventRecord=23304

Friday, October 24
SCREECH!
And hey, the application DEADLINE is October 1 @ 11:59pm!
http://screech.rcel.rice.edu/

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

Monday, October 27
K2I Distinguished Lecture – “Envisioning Communication and Collaboration”
http://events.rice.edu/index.cfm?EventRecord=22459

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

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

Have a great week!
Ned

Edwin L. Thomas
William and Stephanie Sick Dean of Engineering