This week in ME:

- Fall 2014 Graduation Information
- Surfing the Web in Class? BAD IDEA
- Academic Success Center Workshops
- Mechanical Engineering MS Fast-Track Program
- NEW: Data Center Operations Engineering Certificate
- Young Professionals in Energy – College Station Chapter
- MindSumo Challenges
- The Council of Undergraduate Research in Engineering (CURE)
- Academic Services Handout (tutoring/study help)

Scholarships and Grants:

- Goldwater Scholarship

Jobs, Internships, Graduate School, Projects and Study Abroad:

- Canrig Drilling Technology Job Opportunity
- Canrig Drilling Technology Ltd. Internships
- Shell Summer Internship Program
- Shell Full Time Opportunity
- Tenaris
- TAMU-Qatar Application for Summer 2015
- TURTLE Robotics Team
- MEEN Students needed for work on Existing Research Project
- GKN Aerospace Job Opportunity
- Applications open for MS in Finance
- MSC Stark Northeast Trip
- Spain Study Abroad Summer 2015
- Kappa Theta Epsilon (Co-op and internship honor society)
Fall 2014 Graduation Information

If you are graduating in Fall 2014, the Advising Center would like you to set up an appointment with an advisor as soon as you can. We want to make sure those students planning on graduating in December are addressing all of their BSME requirements in their final semester(s).

If you are graduating in December 2014, the typical window for Application for Graduation is between mid-August to the end of September. More information will be available later on the TAMU Graduation Application website: http://graduation.tamu.edu/applica.html

Also, there is a lot of other good information that can be found at the TAMU graduation website http://graduation.tamu.edu/.

Surfing the Web in Class? BAD IDEA!

Who'd have thought that using your cell phone, tablet or laptop in class to surf the internet would hurt your grade?


Academic Success Center

Wednesday Workshops—Fall 2014

Registration for the ASC Workshops is required! Students can register at ers.tamu.edu or go to our website for more details. All workshops are on Wednesdays from 1:50-2:40 p.m. and 3-3:50 p.m. in HECC 202 unless otherwise noted. SuccessCenter.tamu.edu

“I’m Late, I’m Late!”
(Time management strategies and dealing with procrastination)
Wednesday, September 17 and Wednesday, October 29

“Do I Have to Buy the Book?”
(Concentration, reading comprehension, textbook reading strategies)
Wednesday, September 24 and Wednesday, November 5

“Why Do I Have to Write That Down?”
(Forgetting curve, note-taking techniques)
Wednesday, October 1 and Wednesday, November 12

“Do or Die: Test Preparation” (specific focus on mid-terms)
(Prioritizing study tasks; 5 Day Study Plan)
Wednesday, October 8
“My Mind is Blank”  
(Test anxiety, test-taking skills)  
Wednesday, October 15 and Monday, December 1

“Memory Matters”  
(Information processing, types of knowledge, self-regulated learning, understanding retention)  
Wednesday, October 22 and Wednesday, November 19

“Do or Die: Finals Preparation”  
(Prioritizing study tasks for finals; 5 Day Study Plan)  
Wednesday, December 3

**Mechanical Engineering MS Fast-Track Program**

Are you a high-achieving student with a 3.5 or higher GPR and interest in graduate school? If so, you might consider the Mechanical Engineering MS Fast-Track Program. This program allows you to satisfy some of your graduate-degree requirements as an undergraduate student (and, if planned correctly, can allow you to count a graduate-level class for both graduate and undergraduate degrees). Ultimately, this can decrease the time it takes to get your MS degree. Sound interesting? Please email either Dr. Jacobs (tjjacobs@tamu.edu) or Dr. McAdams (dmcadams@tamu.edu) for more information. A short application must be completed and, if accepted, a commitment form signed. Students must be registering for their second-to-last or last semester to be eligible.

**NEW: Data Center Operations Engineering Certificate**

We have started a new certificate, namely the “Data Center Operations Engineering Certificate”. The website for the certificate is [http://engineering.tamu.edu/academics/certificates/data-center-operations-engineering-certificate](http://engineering.tamu.edu/academics/certificates/data-center-operations-engineering-certificate) and some internship opportunities are explained in the attached file. In addition, we are working on getting some scholarships for students on the certificate. If you are interested, the website has an application and worksheet that you can fill out. Information is attached [here](http://engineering.tamu.edu/academics/certificates/data-center-operations-engineering-certificate).

**Young Professionals in Energy – College Station Chapter**

YPE is a non-profit organization with a primary focus on facilitating the networking and advancement of the careers for young professionals in the energy industry. We do this by providing social, educational and civic service opportunities here in the Brazos Valley. As you know, the oil and gas industry has grown exponentially in this region over the past few years, and with this growth offers substantial opportunities that simply did not exist previously. While currently primarily comprised of landmen, our goal is to broaden our base with other disciplines, including engineers, geologists, attorneys, accountants, etc. This is why we are asking for assistance in spreading the word to the mechanical engineering department, specifically upper classmen, graduate students, and professors who are interested in the oil and gas field. We have attached a flyer and a PowerPoint from YPE.
MindSumo Challenges
Please take a look at the newest MindSumo mechanical engineering challenges linked below. MindSumo challenges are a great opportunity to get work experience by applying the skills you're learning in classes, win cash prizes, and prove yourself to potential employers.

Transform vending machines into powerful consumer experiences for Coca Cola - $1000 in prizes
Create the next generation of water bottles for Nestle - $1000 in prizes
Discover new ways to preserve ripeness when harvesting produce - $1000 in prizes
Help us design the Next-Generation Tablet Case - $1000 in prizes
Help make the oil recovery process less wasteful - $1000 in prizes

Any questions can be directed to aaron@mindsumo.com

The Council of Undergraduate Research in Engineering (CURE)
The Council of Undergraduate Research in Engineering (CURE) is a student organization that helps connect undergraduates in the college of engineering with research opportunities at Texas A&M. Undergraduate research experience is becoming increasingly important for careers in science and engineering. If you would like to learn more about research or become involved with CURE, please take a moment to fill out this brief survey:
https://www.surveymonkey.com/s/57NQ7DX

Academic Services Handout (tutoring/study help)
Attached is the Academic Success Center’s academic services handout for tutoring/study help.

Goldwater Scholarship
The Goldwater Scholarship is the premier award for undergraduate Science, Technology, Engineering, or Mathematics students interested in pursuing a career in research or academia. To be eligible for the award, students must:

- Be a US Citizen or be planning to become a US Citizen
- Have Sophomore or Junior academic standing
  - A Sophomore is a student planning two more years of full-time undergraduate study
  - A Junior is a student planning one more year of full-time undergraduate study
- Have a GPR of 3.8 or higher
- Have extensive research experience
- Be planning to pursue a Ph.D and a career in scientific research
  - Students who plan to study medicine are eligible for a Goldwater Scholarship only if they plan a research career rather than a career as a medical doctor in a private practice.
The campus deadline to apply for this award is **November 7, 2014**. Jamaica Pouncy, the National Fellowships Coordinator, will be hosting Goldwater informational sessions on:

- **Thursday, October 9 at 11:00am in Rudder 707** [Register Here](#)

Each session is limited to 25 students. Interested students can e-mail me to make alternate arrangements if they are unable to attend any of the advertised sessions. Please encourage your students to apply for campus nomination and if you have any questions or concerns, feel free to contact me (Jamaica.Pouncy@tamu.edu).

**Canrig Drilling Technology Job Opportunity**

Canrig Drilling Technology is hiring full-time and interns for Mechanical Engineer and Mechanical Designer positions. These jobs are similar to the FSAE project in that we develop new equipment from start to finish. We design in SolidWorks, run FEAs, spec components, send drawings to machine shops, and assemble the parts into a working machine. On top of that, it’s usually a fun place to work. The job is located in NW Houston. Check out our website for some of our products. If interested please see the Canrig/ Nabors booth at the career fair.

[www.canrig.com](http://www.canrig.com)

**Canrig Drilling Technology Ltd. Internships**

Canrig Drilling Technology Ltd. has multiple internship openings! They have adjusted the minimum GPR to a 3.0 and expanded it to include May 2016 graduates. Please see their postings on [hireaggies.com](http://hireaggies.com) to apply.

**Shell Summer Internship Program**

Shell is seeking ambitious people to join their team for summer 2015! To be eligible for an Internship, you should be an actively enrolled student who will complete at least one more semester of education following your internship, minimum cumulative GPA of 3.20 and have authorization to work in the US on a full time basis. For more information or to apply online visit [www.shell.us/students](http://www.shell.us/students). You must successfully complete timed online assessments. Selection for interviews will take place **as early as August and will continue through October**. In order to be selected for an interview, you must first complete and pass the online assessments.

**Shell Full Time Opportunity**

Shell is seeking ambitious people to join their team! To be eligible, you should be graduating before August 2015 and have less than three years of relevant work experience, minimum cumulative GPA of 3.20 and have authorization to work in the US on a full time basis. For more information or to apply online visit [www.shell.us/students](http://www.shell.us/students). You must successfully complete timed online assessments. Selection for interviews will take place **as early as August and will continue through October**. In order to be selected for an interview, you must first complete and pass the online assessments.
Tenaris
The college of engineering has once again partnered with TENARIS to offer international internships for sophomore, junior, and senior students (except graduating seniors of May/August 2015). This is a great opportunity to combine two of the most valuable high impact learning activities in one summer: Study Abroad and Internship.

The Tenaris International Internship Program offers the best combination of work experience, learning skills and getting immersed in a new culture. This program represents an opportunity for students, in intermediary study years, to be part of a global manufacturing environment working on challenging assignments and real-world engineering projects.

Program Duration: 8 to 10 weeks
Tentative Start Date: Beginning of June
Number of participants: 10 to 15
Host Regions: Latin America, South America, North America, and Europe

TAMU-Qatar Application for Summer 2015
In summer 2015, ALL engineering majors are eligible to apply to TAMUQ for a 5- or 8-week term. Twenty (20) students will be selected. The best part is that the College of Engineering covers the majority of the cost for the students while at TAMUQ (flight/dorm/meals/international health insurance). There will be an informational on Thursday, September 4th from 5:30 to 7:30 in Room 104 Brown Building for both the spring AND summer 2015 programs. Attached are a flyer and a list of summer courses offered for summer 2014 (subject to change for summer 2015).

TURTLE Robotics Team
We have initiated the first robotics team at Texas A&M and are looking for ME undergrads who would be willing to work in team projects and participate in competitions. This is a great platform for students work in group projects, innovate, and sharpen their engineering skills. We are looking for motivated students who can handle responsibility, lead teams and take initiatives. Click here to see the flyer and here for the application.

MEEN Students needed for work on Existing Research Project
Dr. Childs is PI for a project that requires an undergraduate student who is competent with hand and basic machine tools. Competency with data acquisition would be helpful. Applicants need at least a 3.0 GPA. Interested applicants should contact Jimmy McLean (james.mclean.jr@gmail.com). Please do not contact Dr. Childs directly.

GKN Aerospace Job Opportunity
GKN Aerospace is looking for business-minded engineering candidates interested in and well-qualified for a rotational leadership development program in aerospace manufacturing.
The Aerostructures Leadership Development Program (ALDP) is designed for qty.(3) six-month rotations, each at a different one of GKN Aerospace’s manufacturing facilities. At each facility, the participants will be employed in a different functional/operational role, providing the opportunity to develop an understanding of the business and to develop the leadership skills to prepare for future roles. We are searching for individuals with a technical background paired with strong leadership skills. Candidates must have strong communication skills, be flexible in their interests, and willing to move from facility-to-facility, all over the country.

We are currently hiring students with **Bachelors or Masters degrees**, graduating in the Dec ‘14/May ’15, for full-time positions. This listing has been added to our Careers website. It will be found by searching ‘ALDP’ at careers.gkn.com. The ALDP brochure is attached.

**Applications open for MS in Finance**

We just wanted to take this time to remind you that the application for the Master of Science in Finance program at the Mays Business School, Fall 2015, opens today! With the first priority deadline fast approaching (October 30, 2014) we are hoping to see an application from you soon! We have two upcoming Informational Sessions which may be of interest to you as you make your decision about a career in the Finance Industry.

Mark your calendars for the following dates, which will include **FREE PIZZA** and information about the **exciting and lucrative** world of finance:

**Monday, September 22 - Open House in the Cocanougher Center - Wehner room 183 - 5:30 - 7:00 p.m.**

**MSC Stark Northeast Trip**

Is law or Business School in your future? Then don’t miss the J. Wayne Stark Northeast Trip. Visit Universities in Chicago, New York, Boston and more! January 11-20, 2015. Informational and application deadlines are included in the attached flyer.

**Spain Study Abroad Summer 2015**

Mechanical Engineering students are eligible to apply for the Summer 2015 study abroad trip in Spain. This study abroad program is intended to provide TAMU students and faculty with an in-depth experience with Spanish language, culture, history, government, and economy; consists of two upper-level courses instructed using an integrated teaching methodology have field trips to construction sites that would involve direct interaction with design and construction professionals. Scholarships and funding are available in many forms. Attached is a flyer and power point with more information.

**Kappa Theta Epsilon (Co-op and internship honor society)**

Dear Aggie Co-op/Intern:

We would like to invite you to join Kappa Theta Epsilon ( KTE ), the Co-op and internship honor society. KTE recognizes those that have had a Co-op or an internship and have excelled academically and encourages other students to participate in Co-ops or internships. We require all members to have had experience in either a Co-
op or an internship and have a GPA of 3.0. For more information please contact the president Priya Patel at ktetamu@gmail.com

If you need to contact someone in the Undergraduate Advising Office, call 979-845-1252
Or e-mail Sarah Butler at sarah.butler@tamu.edu
If you need to speak to an adviser, try:
Rachal Thomassie at rthomassie@tamu.edu
Katelynn Graham at kgraham@tamu.edu
Doug Beck at dbeck@tamu.edu