

ChEGSA NEWSLETTER

Official Newsletter for Chemical Engineering Graduate Student Association

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ChEGSA hosted an outdoor soccer event at Anderson Park on October 20th. The students enjoyed playing soccer in the nice weather. Around 20 students attended the event.



Halloween Event

ChEGSA organized a Halloween event with Baking Competition on October 31st. Graduate students enjoyed socializing and voted for the best dessert. 1st place was Poison Pecan and 2nd place was Witch's hand. The event was attended by around 35 graduate students.

Upcoming events:

Tailgate Join ChEGSA for a tailgate event on November 17th, Spence Park at 3 pm. BTHO UAB!

SEC Soccer Tournament ChEGSA is participating in this year's SEC Soccer Tournament on November 16th from 4 pm to 8 pm! The tournament is 7 vs. 7 and it will be held at Penberthy soccer fields on campus! Register for ChEGSA's team by November 11th.

General Meeting ChEGSA will be hosting a general meeting, going over past events and upcoming events. Date TBD.

Spark Competition ChEGSA is participating in Spark Competition this year on December 1st! Middle school and high school students will be participating in the competition to get them interested in engineering. Let us know if you are interested in volunteering!

For more check out our [Website!](#)

ChEGSA
TEXAS A&M UNIVERSITY

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More information on:

DEPARTMENTAL NEWS:

Department of Defense awards grant to Dr Pushkar Lele.

Dr. Pushkar Lele received a grant from the Department of Defense (DOD) – Army Medical Research and Material Command.

AIChE Conference at Pittsburgh!

Students presented at AIChE Conference at Pittsburgh and we had great success!



University Events:

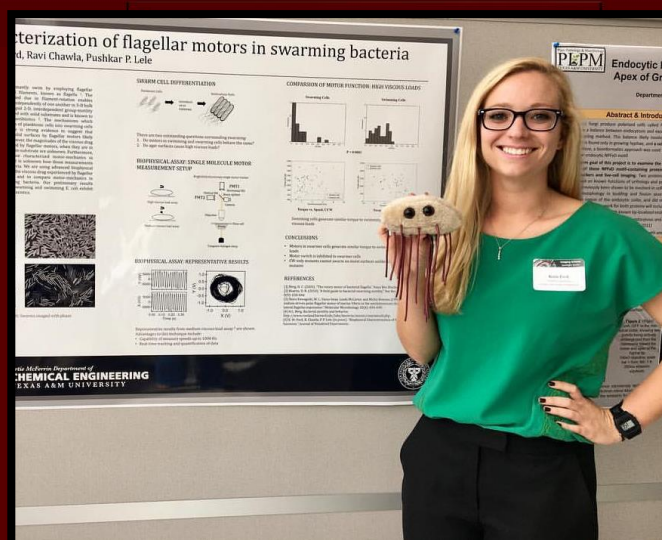
Engineering Global Summit, 11/9/18, 1:00-2:00pm, ZEEC ConocoPhillips Atrium

Everyone knows that internships are a great way to polish your resumé, but did you know that having international experience is also extremely important to employers? Thankfully, with Halliburton Engineering Global Programs, you can do both. Come by this poster session to learn about international internships and talk to students who have participated in them.

Getting Started with National Fellowships, 11/13/18, 1:30-2:30pm, Henderson 103

This event gives all attendees an explanation of the various National Fellowships, highlights upcoming National Fellowship deadlines, and answers frequently-asked questions about National Fellowships. There will also be a Q&A session at the end of the event, to answer any less-frequently-asked questions you may have. Register for the event [HERE](#)!

Student Spotlight: Katie Ford



I work for Dr. Pushkar Lele, our lab studies bacterial motility driven by the bacterial flagellar motor in *Escherichia coli*. I am specifically interested in a type of surface motility known as swarming, which has been implicated in infections such as UTIs. My work focuses on the interplay between the viscous drag experienced by flagellar motors, directional bias, and surface motility. I am also working in collaboration with 2nd year student, Kathy Rhee, on a project to determine if flagellar protein export rates are affected by directional bias of flagellar motors. For more, visit our website!

Awards & Scholarships:

Dept. of Energy SCGSR Program (Deadline November 15th, 2018)

The Office of Science Graduate Student Research Program provides graduate students with opportunities to work at DOE laboratories. This program offers supplemental rewards for students who complete part of their thesis working at a national laboratory and collaborating with other governmental scientists. For more information about the program and where to apply, click [HERE](#).

Dept. of Defense SMART Scholarship (Deadline December 1st, 2018)

The Science, Mathematics, and Research for Transformation scholarship is an all-inclusive scholarship, offering full tuition and gainful employment with the Department of Defense upon graduation. The application is open to many different STEM majors, including Chemistry, Chemical Engineering, and Materials Science and Engineering. More information can be found [HERE](#).

NASA Tournament Lab: Recycling in Space Challenge

There's still time to get in on this exciting design challenge from NASA! They are seeking designs for a trash receptacle and feeding mechanism for a waste reactor, and will be awarding \$15,000 in prizes. This challenge seems perfect for chemical engineers, so gather your team, and submit your design before January 16th, 2019! More information about the challenge can be found [HERE](#).