



THE CATALYST



Updates

The general meetings typically offer very unique learning opportunities, and this semester is no different. Our AICHe general meetings are a great way to learn more about a company and interact with company representatives directly. To buy or renew your membership, please visit our website's "Become a Member" page.

On Thursday, April 21 at 5 pm in JEB 111, AICHe hosted **Mr. Henry Jones** from Enterprise Products to talk about **Innovative Oil Storage**. This presentation covered the design, operation, and utilization of large-scale hydrocarbon storage in salt caverns. Following the presentation, students had the opportunity to utilize their knowledge to solve a real-world engineer case study surrounding salt caverns.

Later this semester, there was a tour of the **Blackwater Draw Brewing Co.** There was sampling for all members over the age of 21 and a demonstration of the beer making process.

This semester graduation stoles are available for purchase through our Flywire Marketplace!

There are various ways to get involved with AICHe, and coming up soon, there will be an opportunity for new officers to be elected. The newly elected President of AICHe is Mikayla Canter, and the new vice presidents will be announced at JEB Gala.

Final Events of the Semester

General Meeting

April 6 7:30 pm

Phillips 66
JEB 106

Brewery Tour

April 8 6:00-7:00 pm
Blackwater Draw Brewing Co.

General Meeting

April 20 7:30 pm

Trivia Night
JEB 106

Innovative Oil Storage

April 21 5:00 pm

JEB 111

Movie Night

April 28 7:30-9:00 m

JEB 106

JEB Gala

April 30 5:00-9:00 pm

Astin Mansion

Summer Classes for ChemEs

Written by Maddie Beck

The Chemical Engineering Department is offering many classes for the Summer of 2022. **Thermodynamics 1** (CHEN 205-100) is being taught by Phanouris Tamamis from May 31st to July 6th in JEB 102 on Monday through Thursday 8 to 10AM. **Mid-Curr Professional Development** will be taught Victor Ugaz and Sreeram Vaddiraju through Distance Learning from May 31st to August 11th. Both Mark Holtzapple and Pushkar Lele are teaching **Honors Directed Studies** (CHEN 285-400 & 401). Dr. Holtzapple's class starts July 7th to August 10th and Dr. Lele's class is May 31st to August 11th. Qingsheng Wang is teaching a Distance-Learning **Process Safety Engineering** class (CHEN 455-700) from May 31st to July 6th. Gary Blizzard is teaching **Gas & Petroleum Processing** (CHEN 459-700) through Distance Learning starting May 31st to August 11th. **Bioprocess Engineering** (CHEN 482-700) will be taught by Ahmad Hilay starting May 31st to August 11th and through Distance Learning. Both Victor Ugaz and Mahmoud El-Halwagi are teaching **Directed Studies** (CHEN 485). Dr. Ugaz's class runs from July 7th to August 10th and Dr. El-Halwagi's class runs from May 31st to August 11th. There are a lot of **research** opportunities with Phanourios Tamamis, Efstratios Pistikopoulos, Chad Mashuga, Mark Holtzapple, Mahmoud El-Halwagi, Yue Kuo, Hae-Kwon Jeong, Zheng Cheng, Gregory Reeves, Farque Hasan, Noor Quddus, Qing Sun, Stewart Behie. The classes are CHEN 491- (101-328) and start May 31st and go to August 11th.

JEB Gala

Written by Maddie Beck



At this year's **JEB Gala** on Saturday April 30th, the new officers and VPs of AIChE will be announced. Attendees at the Gala can expect to see the new VP of Programs, Internal, and Publicity. These positions are hand selected through an application process that occurred in the middle of April this semester. The new officer positions are Professional Development Chair, Mentorship Chair, Community Service Chair, Historian, and Special Events Coordinator. These positions are also through an application process but are chosen by a popular vote. The new AIChE President will also be officially introduced at the Gala.

Big Event 2022

Written by Stefano Micci-Barreca

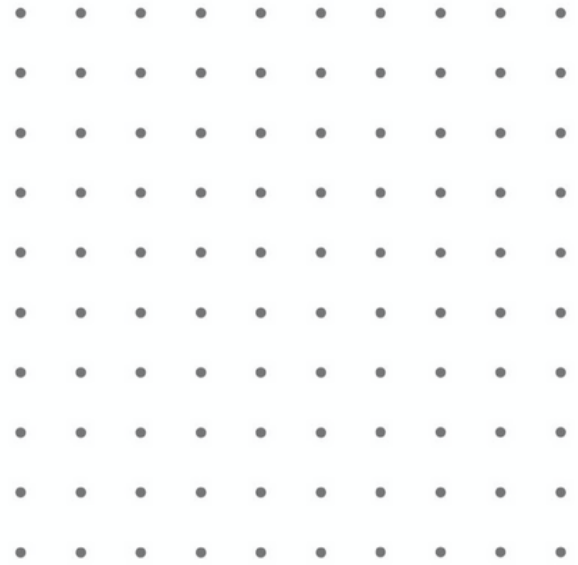
The Big Event's 40th anniversary was recently celebrated on March 26th, 2022. Annually, tens of thousands of A&M students volunteer in this student-run service event to "thank" the residents of the Bryan-College Station community, many of whom are former Aggies themselves. This year, many of these volunteers included AIChE members who were able to make a large impact on the lives of many through simple tasks such as wiping windows, freshening up front yards, and painting a swing set and chairs. All of these acts of service were again done for locals in the Bryan-College Station area. Overall, both the AIChE members and all of the other volunteers participating in this event were able to complete their goal of appreciating local residents and promoting unity between the A&M campus and the surrounding community.



Sudoku

4			9					7
		1		2		9		
6	7			4				5
	1	7	2	3			5	8
5	8	4		7		3	1	
		6				7		9
		2	5		6		7	1
	4		3	9		8		6
7				1		5	9	3

Dots

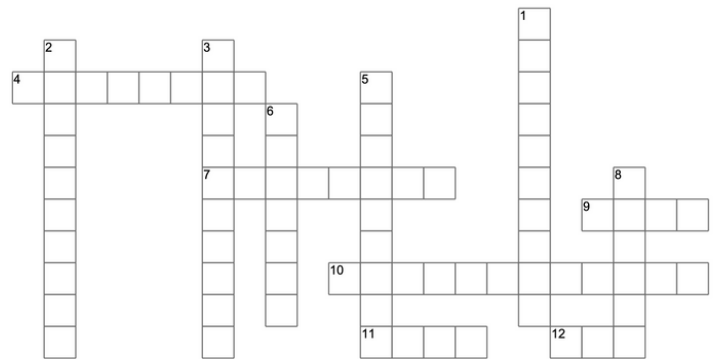


Word Search

- | | | |
|----------|------------|-----------------|
| Grades | Gown | Diploma |
| Ceremony | Graduate | Year |
| Medal | Alma Mater | Congratulations |
| Applause | School | Academy |
| Award | Honor | University |
| Gifts | Efforts | Alumni |

P A L M A M A T E R B N J F N N N N M F C A
 A P G R H C C P P T E A R S H I M J Z Q X L
 G R A D U A T E E L S J V W J H O N O R O U
 N V D I P L O M A J A C A D E M Y X O W A M
 M H D W G X L G E E D B L C A Q Q O R G P N
 E O W N O R N O Z S L X E B E W P Z X M P I
 D H F I U T A Q A I V G D A M R A F I B L H
 A U F S X O I D O C G V I P P W E R N Z A I
 L K D R E A M S E U F S C F X R S M D F U G
 E P I C T U R E S S Z Y T L T L C J O D S H
 F Y E A R A R T Z U S D O R H S R D H N E S
 F Y R L M C X R F R D N R J P T Y S Y T Y C
 O X H E H A Z J F U U N I V E R S I T Y B H
 R E A X I Q Y T N J H G A M C G A I I R R O
 T C H E G H D Q G G J T N R Z Q Z F B O Q O
 S X C P A R E N T S G O W N D I D B W N I L
 C V O S M A G N A C U M L A U D E R I S O Q
 I N E W R C O N G R A T U L A T I O N S O Y

Cross Word



ACROSS

- To cook outdoors on a grill
- Beverage made of lemon
- The month at the beginning of summer
- Independence Day
- What you can do at the beach?
- Opposite of cold

DOWN

- A big fruit you can eat in summer
- What you can make at the beach with sand?
- Protective eyewear
- Time off from school
- Sleeping in a tent
- The month at the end of summer