Volume 120 Number 6

January 2020

The South Texan



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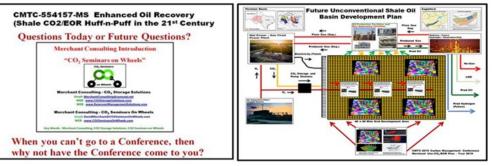
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Thursday, January 9, 2020 Monthly Meeting @ The Bougainvilleas (<u>12126 Westheimer Rd, Houston TX 77077</u>) 6:00PM - 7:00PM Social/Networking Time

7:00PM - 8:00PM Dinner and STS Announcements 8:00PM - 9:00PM Dinner Presentation/Speaker Check us out on YouTube!

January Dinner Meeting

Speaker: David Merchant Presentation: The Next Evolution in the Shale Oil Revolution—The Good, The Bad, The Ugly— The Carbon Storage Solution



Bio: David Merchant is a Reservoir Engineer with 44 years of oil and gas experience. He started his career with Amoco in 1976, where he worked four years in the Gulf of Mexico, two years at Amoco's Research Center in Reservoir Simulation, four years in the Africa and Middle East Region, and eight years in the Permian Basin. After Amoco, he spent three years at Pennzoil working Permian Basin oil fields. He began his Consulting career 22 years ago in 1998 with Shell CO₂ Company. Since then, he has consulted for Major Oil Companies (Shell, Marathon, Oxy Permian, BP Alternative Energy, Maersk, etc.) and Independent companies such as (Denbury, Hilcorp, Petro Santander, etc.). His Carbon and Capture experience started 20 years ago while consulting for Los Alamos in the formation of the Regional Partnerships. His CO₂ Sequestration experience includes: Basin Study Analysis, Scoping Model Predictions, Reservoir Modeling, and Reservoir



Management. His current focus is to partner with AIChE (American Institute of Chemical Engineers), SPE, and Shale Oil operators in the Permian Basin to **"Put out the Flare"** from **Unconventional Shale Oil Wells** while achieving **2X or even 3X Primary Oil Recovery**. This presentation through SPE and AIChE provides a path towards achieving that goal.

Paper: CO₂ Sequestration - Enhanced Oil Recovery - CO₂/EOR "Huff-n-Puff" in the 21st Century Abstract: In July 2019, David published a paper through the CMTC (Carbon Management Technology Conference) titled: CMTC-554157-CO₂ Sequestration - Enhanced Oil Recovery - CO₂/EOR "Huff-n-Puff" in the 21st Century". The paper targets how the NEXT EVOLUTION in the SHALE OIL REVOLUTION will impact Shale Oil Recovery in the 21st Century. Current Primary Oil Recovery is about 8% OOIP. The talk centers on The Good (Oil Rate), The Bad (Rig Count), and The Ugly (Flare gas) in Shale Oil Recovery <u>and</u> a new proposed plan that would not only "Put out the Flare" in the Permian Basin, but would also recover 2X to 3X today's Primary Shale Oil Recovery from existing drilled wells.

The presentation and paper represent my "Vison" of attacking Climate Change one project area at a time. This time, it's the "Flare in the Permian Basin". My goal is to "Put out the Flare" while "Recovering 2X or even 3X today's Unconventional Primary Shale Oil Recovery", while sequestering 4.5 TCF of CO₂. The paper represents a "Blue Print" that encompasses Industries on "Both sides of the fence" - On the CO₂ Capture side: NetPower Capture, EPCOT electrical expansion goals, infrastructure pipelines, production facilities, and in-field hydrogen and CO₂ small scale generation development. On the CO₂ Storage side of the business: New electrical submersible high pressure pump development, Pattern and field CO₂/EOR "Huff-n-Puff" design and field implementation optimization, along with Scoping model (40x50) square mile area predictions, etc. The question becomes "At what point will Unconventional Shale Oil CO₂/EOR "Huff-n-Puff" make its mark in the 21st Century?"

January Dinner Meeting

Meeting Registration Information

Membership in STS-AIChE is a bargain at \$25/year. If you wish to become a member, you may join at the registration desk at the meeting.

Pre-registration for the main meeting is now open through our website.

	Pre-Registration	Pre-Registration	At the door	At the door
	Members	Non-Members	Members	Non-Members
Regular/Retired	\$30	\$40	\$40	\$50
Unemployed	\$20	\$30	\$30	\$40
Students	\$20	\$20	\$30	\$30

Online Registration closes at 4:00 pm the day of the event Thursday, January 9, 2020. After this time, you may register at

Meeting Location- The Bougainvilleas



This month's meeting will be held at The Bougainvilleas (<u>12126 Westheimer Rd, Houston TX 77077</u>)

Double-click on the image to the left for directions from your location. For more details and information, please check our <u>website</u>.

January Meeting Dinner Menu

Enjoy an Italian Evening with STS AIChE!

Dinner Buffet:

Cesar Salad Garlic Bread Chicken Scaloppini Beef Stuffed Shells Sautéed Garlic Veggies Mashed Cauliflower

Desserts: Chocolate Mousse

Coffee Station: Regular and Decaffeinated Coffee, Hot Water and Tea Option

Non-Alcoholic Beverages:

Iced Tea with Lemon Wedges, Water

Alcoholic Beverage:

Cash Bar ** Cash only - no electronic payment option

the door.

January 2020 STS-AIChE Chair's Letter – Mark Harkness

Letter from the Chair

Welcome and best wishes for a prosperous New Year! I look forward to serving the South Texas Section as Chair for 2020.

I first would like to thank Tom Rehm, 2019 Chair, the Executive Committee, and numerous volunteers for a successful 2019. Their work has been invaluable in furthering the activities and goals of the South Texas Section. It has been a pleasure working with this group the past year.

I also would like to congratulate our newly elected Officers for 2020: Chair-Elect – Ramanan Krishnamoorti, Secretary - Joseph Hernandez, Position 2 (Outreach) - Nabila Shamim, as well as our newly appointed Young Professionals Chair – Lucas Von Ruff. Also, congratulations and thank you for our returning Officers and Volunteers.



The first of eight dinner meetings this year will be at the Bouganvillea's on January 9th. The speaker for our meeting will

be Mr. David Merchant of Merchant Consulting. David is a Reservoir Engineer with a forty-plus year background in Oil and Gas, and his presentation topic will be "The Next Evolution in the Shale Oil Revolution – The Good The Bad The Ugly – The Carbon Storage Solution". In attending the monthly meetings, please consider the Season Pass for 2020, which provides a discount for the meetings. You can sign up for this on the STS website, or you can sign up at the first meeting.

The South Texas Section is committed to supporting our members in transition. Networking meetings are scheduled on the first and third Fridays of each month, and registration is available on the website. The Energy Forum and Water Forum will be held in April and November. Finally, the 12th Annual Southwest Process Technology Conference will be held October 1st and 2nd in Sugar Land. These are wonderful opportunities for Networking and Continuing Education.

Interested in volunteering? The STS owes thanks to volunteers for investing their time to help with many initiatives and events related to AIChE. The K-12 program, Offshore Technology Conference support, and the Houston Science and Engineering Fair are just a few of the events that we support. If you are interested in volunteering, please join in.

The Young Professionals section is an active and vital part of the STS. Please note that a PE review course is scheduled for the Spring, and registration can be accessed on the website.

Our Industry Sponsors deserve a special thanks for helping the Section with its continuing mission. If you or your company is interested in sponsorship, information is included in this Newsletter.

For those who are not familiar with my background, my involvement with AIChE goes back to undergraduate days, but I have more recently become re-involved with the Institute. I spent the first 20 years of my career in petrochemicals, and have been in the water resources business since.

I look forward to seeing you at the next meeting and throughout the year!

Sponsors for 2020 - Thank You

Silver Sponsors

Business Climate Leaders



Silver Sponsors

Microrganic Technologies





Business Climate Leaders is an action team of Citizens' Climate Lobby

Sponsorship of the South Texas Section - now on a rolling 12-month basis

In past years, sponsorship was tied to a calendar year. Those who became sponsors later in the year had less exposure than full-year sponsors, but at the same cost as full-year sponsors. A proposal to the STS Executive Committee, for sponsorships over a rolling 12-month period, was approved in mid-January. The 12-month rolling period will be based on the date of sponsorship application.

2020 Sponsorship Opportunities with the South Texas Section

Promote your company at eight South Texas Section dinner meetings over the next twelve months. Our dinners are held on all sides of the greater Houston metro area – west, east, north and south – significant coverage to the membership of one of the largest local sections of the AIChE.

	Bronze	Silver	Gold
Promotion during each STS dinner meeting social hour when sponsors, STS patrons and honored dinner guests are recognized	Х	Х	Х
Promotion on social media (FaceBook, Twitter, LinkedIn)	Х	Х	Х
Self-promotion at one dinner meeting over the next 12 months	1 minute	2 minutes	5 minutes
Opportunity to present as an after-dinner speaker at a future STS dinner meeting			Х
Complimentary dinner tickets for use at any dinner meeting dur- ing over the next 12 months	2	4	8
Plaque with sponsoring company Logo			Х
Sponsor Logo displayed in the monthly STS newsletter	Х	Х	Х
Recognition by STS Chair from the podium at STS dinner meetings	Х	Х	Х
Donation to the South Texas Section	\$500	\$1,000	\$2,000

Also, sponsorship-packages are available which combine South Texas Section sponsorship with sponsorship of the 2020 Southwest Process Technology Conference, the April 2020 Energy Forum and/or the May 2020 Water Forum.

2020 STS Opportunities

2020 STS Speaking Opportunities

In 2020, the South Texas Section and our partners will continue very successful events:

- Networking lunch programs, on the east and west sides of town, two per month;
- Monthly dinner meeting workshops;
- A stand-alone workshop evening in December 2020;
- The Energy Forum in April 2020;
- The Water Forum in May 2020; and
- The Southwest Process Technology Conference in October 2020.

If you would like to speak at any of these events, please contact Tom Rehm.

2020 Exhibit Opportunities

There are exhibit opportunities at the Energy Forum, the Water Forum, and the Southwest Process Technology Conference (SPTC). If you choose to be a South Texas Section Sponsor, we can work out a discount arrangement for exhibiting at these three events.

STS AIChE Awards Nominations

It's STS Awards Nomination Time!

Nominations are being accepted thru May 1, 2020 for the following STS Annual Awards:

- 2019 STS Best Applied Paper Award
- 2019 STS Best Fundamental Paper Award
- 2019 STS Best In Practice Paper Award **NEW!!**
- 2019 STS Outstanding Young Professional Award (Under 40)
- 2019 STS Distinguished Service Award (Over 36)
- 2019 STS Special Service Award(s)

Nomination Forms are available in **The South Texan**, The STS – AIChE web-site (<u>https://www.aiche.org/community/sites/local-sections/sts/forms/sts-award-nomination-form</u> ~~ Click on "HERE"), or by contacting:

Matt Christiansen	281-544-6476	Matthew.Christiansen@shell.com
Tom Menn	281-485-3719	ThomasMenn@SBCGlobal.net
Ryan Stephens	281-544-8447	Ryan.Stephens@Shell.com

2019 STS-AIChE Annual Awards Nomination Form

South Texas Section – AIChE 2019 Annual Awards Nomination Form				
	THIS NOMINATION FORM MUST BE RECEIVED BY MAY 1, 2020 TO BE ACCEPTED!			
		Mail the complet	ed fo	rm to:
Thomas E. Menn	Or	Matt Christiansen, PhD	Or	Ryan Stephens, PhD
Awards Chair		Best Papers Judging Chair		Best Papers Judging Co-Chair
P. O. Box 458		Shell Projects and Technology		Shell Global Solutions (US) Inc.
Pearland, Texas 7758	8-0548	Technology Center		
		3333 Highway 6 South		
		Houston, Texas 77082		
Tel.: 281-485-3719		Tel.: 281-544-6476		Tel: 281-544-8447
ThomasMenn@SBCGlo	<u>bal.net</u>	Matthew.Christiansen@shell.com		Ryan.Stephens@shell.com

Following receipt of the submitted nomination, you will receive an e-mail from the STS Awards Committee confirming receipt of the nomination after AIChE & STS Membership is verified. All Best Paper Nominees not Members of AIChE and/or STS – AIChE may wish to join AIChE and/or STS – AIChE before May 31, 2020 in order to be eligible for the recognition due a STS - AIChE Member Best Paper Award Recipient.

NOTE: ONLY ONE PERSON OR PAPER MAY BE NOMINATED PER FORM!

NOMINATOR'S NA ADDRESS		
	STREET:STATE	 ·
		·
-	TELEPHONE NUMBER: AC: NO:	
	E-MAIL ADDRESS:	
I wish to nominate	e	
		nee or Title of Paper on the above line.)
ENTER CONTACT	INFORMATION FOR NOMINEE OR AUTHOR:	
NOMINEE or AUTH	HOR'S NAME:	
ADDRES	S:	
:	STREET:	
	CITY:	STATE:
	ZIP CODE:	
-	TELEPHONE NUMBER: AC: NO:	
I	E-MAIL ADDRESS:	
TYPE OF NOMINA	TION: (PLEASE CHECK ONLY ONE SPACE BELO	W.)
2019 ST	S – AIChE Outstanding Young Professional Awa	rd (Under age 40)
2019 ST	S – AIChE Distinguished Service Award (Over ag	ge 40)
2019 ST	S – AIChE Best Fundamental Paper Award	
2019 ST	S – AIChE Best Applied Paper Award	
2019 ST	S – AIChE Best In-Practice Paper Award	
2019 ST	S – AIChE Other	Award

For STS Outstanding Young Member or Distinguished Service Awards, please state the reason you feel that this person is deserving of this award back of this form and ignore the rest of the form. You may attach any supporting documentation to this form.

For Best Paper Nominations, please continue and complete page 2 of this form.

2019 STS-AIChE Annual Awards Nomination Form

Please enter the name of the nominated 2019 Best Paper again:

(Sorry to trouble you but this is in case the sheets get separated.) Enter the contact Author's name again: (Sorry to trouble you but this is in case the sheets get separated.) Check Best Paper Category Again: Fundamental Applied In Practice FOR BEST PAPER NOMINATIONS, LIST THE NAMES OF THE AUTHORS AND CHECK ALL BLANKS THAT APPLY: MEMBERSHIP Note: At [east_one (1) author must be a STS Member. AICHE STS Co-Author # 1: Co-Author # 2: Co-Author # 3: Co-Author # 4: Co-Author # 4: Co-Author # 5: Co-Author # 5: Co-Author # 6: Co-Author # 7: Co-Author # 7: Co-Author # 8: Co-Author # 9: Co-Author # 9: Co-Authors on an attached sheet as necessary.] For Best Paper Nominations, please provide following information:			
Image: Construction of the state of the	Enter the contact Author's name aga		se the sheets get separated.)
Check Best Paper Category Again: Fundamental			
Fundamental		(Sorry to trouble you but this is in cas	se the sheets get separated.)
Applied	Check Best Paper Category Again:		
In Practice		Fundamental	_
FOR BEST PAPER NOMINATIONS, LIST THE NAMES OF THE AUTHORS AND CHECK ALL BLANKS THAT APPLY: MEMBERSHIP Note: At least one (1) author must be a STS Member. AICHE STS Co-Author # 1:		Applied	
MEMBERSHIP Note: At least one (1) author must be a STS Member. AICHE STS Co-Author # 1:		In Practice	
Note: At least one (1) author must be a STS Member. AICHE STS Co-Author # 1:	FOR BEST PAPER NOMINATIONS, LIS	ST THE NAMES OF THE AUTHORS AN	ID CHECK ALL BLANKS THAT APPLY:
Co-Author # 1:			MEMBERSHIP
Co-Author # 2:	Note: At <u>least</u> one (1) at	uthor must be a STS Member.	AICHE <u>sts</u>
Co-Author # 3:	Co-Author # 1:		
Co-Author # 3:	Co-Author # 2:		
Co-Author # 4:			
Co-Author # 5:			
Co-Author # 7:			
Co-Author # 8:	Co-Author # 6:		
Co-Author # 9:	Co-Author # 7:		
[Add addition Co-Authors on an attached sheet as necessary.]	Co-Author # 8:		
	Co-Author # 9:		
For Best Paper Nominations, please provide following information:	[Add addition Co-Authors on an	attached sheet as necessary.]	
	For Best Paper Nominations, please	provide following information:	
NAME OF PUBLICATION:	NAME OF PUBLICATION:		
DATE OF PUBLICATION:	DATE OF PUBLICATION:		
VOLUME NO. (If known): PAGES: to	VOLUME NO. (If known):	PAGES: to _	

PLEASE ATTACH A COPY OF THE ARTICLE FROM THE PUBLICATION TO THIS FORM OR IF THIS IS NOMINATION IS TENDERED BY E-MAIL, PLEASE ATTACH AN ELECTRONIC VERSION OF THE PUBLISHED ARTICLE. (NO MANUSCRIPTS, PLEASE.)

Following receipt of the submitted nomination, you will receive an e-mail from the STS Awards Committee confirming receipt of the nomination after AIChE & STS Membership is verified. <u>All Best Paper Nominees not Members of AIChE or STS – AIChE may wish to join AIChE</u> and/or STS – AIChE before May 31, 2020 in order to be eligible for the recognition due a STS – AIChE Member Best Paper Award Recipient.

2020 Offshore Technology Conference

Volunteers Needed

4 - 7 MAY 2020 at NRG Park, Houston, Texas, USA

Receive Free Pass*, Free Parking*, all the free goodies/junk you can carry away, and you may attend Technical Sessions! (*entire OTC).

Must volunteer before 13 April 2020 (Estimated)

Attend Orientation Meeting <u>(mandatory)</u> & serve 4 or 5 hours in either Arrangements, Registration, or Student Tours, or "1st Timers" Lounge/Orientation.

Contact: Tom Menn @ thomasmenn@sbcglobal.net

2020 State Industrial Energy Program Moves to Houston!

For more than a decade, STS-AIChE has hosted Energy Forums – and more recently also Water Forums – for *Texas Industries of the Future*, a program run through the University of Texas in Austin, and funded by the Texas State Energy Conservation Office (SECO). The collaboration also included the Energy Efficiency Session at the annual AIChE Southwest Process Technology Conference. The forums have added an important dimension to STS's technical program, while supporting efficiency improvements in local industry.



SECO has now moved the funding right here to Houston, and the program has a new name. The new *Texas Industrial Energy Efficiency Program (TIEEP)* is now run through UH Energy at the University of Houston. This creates new opportunities for closer communication with local industry, and ensures a stronger relationship with STS-AIChE, leading to better matching of the program deliverables with the needs of the largest concentration of refineries and chemical plants in Texas.

The forums will continue, though the format may change. You can expect to see some new and dynamic programing as TIEEP builds on earlier successes and provides leadership as we move into the new decade.

The next Energy Forum is scheduled for April 2, 2020, and the theme is "Plant Resiliency - Lessons from Harvey."

Friday, January 17, 2020 - Third Friday Networking Lunch

The next STS-AIChE Third Friday Networking Lunch (TFNL) will be held on Friday, **November 15th from 11:30AM -1:00PM** at the **Pipeline Grill** (10003 Spencer Hwy, La Porte, TX 77571).

Speaker: TBD

Topic: TBD

Costs:

The lunch menu is an all-inclusive buffet style for \$16 per person and STS-AIChE subsidizes the lunch by \$5. The non-refundable \$11 registration fee includes the subsidized lunch buffet and attendance for the lunch presentation and networking. Pre-registration reserves your seat and walk-ins welcome on an as available basis. STS-AIChE members as well as non-members are welcome to attend. Select the below button to pre-register for this event: Register Now

Have suggestions, ideas, comments or want to recommend a speaker for future TFNF events? Please contact William Pittman@micropackamericas.com.

Spring 2020 PE Review Course for Chemical Engineering

When: Friday, January 31–April 24, 2020, 4:00pm CST Where: <u>University of Houston Main Campus - Cullen College of Engineering 1</u> 4726 Calhoun Rd. Houston, TX 77024

Date 2020	Торіс	Instructor	
31-Jan	Introduction; Mass/Energy Balances & Thermo I	Dale Embry	
7-Feb	Mass/Energy Balances & Thermodynamics II (3)	Gary Gildert, Dale Embry	
14-Feb	Thermodynamics III (1); Kinetics I (2)	Dale Embry, Gary Gildert	
21-Feb	Kinetics II (2); Plant Design Economics (1)	Gary Gildert	
28-Feb	Fluid Mechanics I (3)	Todd Willman, Carol Schmidt	
6-Mar	Fluid Mechanics II (2); Heat Transfer I (1)	Carol Schmidt, Dennis Glascock	
13-Mar	Spring Break		
20-Mar	Heat Transfer II (3)	Dennis Glascock	
27-Mar	Separations Processes I (3)	Antonio Garcia	
3-Apr	Separations Processes II (3)	Antonio Garcia	
10-Apr	Problem Session	Dale Embry, Carol Schmidt, Gary Gildert	
17-Apr	Plant Design & Operations (3)	Mariella Raven	
24-Apr	Sample Test Exam (3)	Dale Embry	
All classes will meet on Fridays from 4:00 - 7:00 P.M.			

	Course Materials	UH Logistics	Blackboard
Contacts:	Dale Embry	Nicolette Solano	Joseph McDonough
Phone:	832-815-1552	713-743-4304	713-743-9972
Email:	<u>dembry@uh.edu</u>	nsolano2@uh.edu	jcmcdonough@uh.edu

Course Registration Deadline:Thursday, January 17, 2020PE Exam Testing Periods:1(Jan-Mar) 2(Apr-Jun) 3(Jul-Sep) 4(Oct-Dec)

Course Cost

Members of both National AIChE & STS	\$650
Non-members	\$900

Limited space - reserve your space now (cut-off for class registration – January 19th)

Click <u>HERE for more PE Review Course Information</u> To sign up, <u>Register Here</u>

Cancellation Policy – by January 17 - full refund, after January 17 – no refund

Young Professionals STS-AIChE Happy Hour January 17th at Fuego's Saloon!

Come out and have appetizers and drinks with the YPs!

The January Happy Hour for the STS AIChE Young Professionals will be at Fuego's Saloon on Friday, January 17th from 4pm to 7pm! Address is 817 Durham Dr. Houston TX 77007

Houston Engineers Week – Raffle Tickets for Houston Rockets Game!

Win a Suite at a Rockets Game & Support Local Scholarships!

- Tickets help fund college scholarships for local universities
- 14 seats and 4 parking passes
- Food and drink included
- Flexible dates from March to May (consult with owner)
- Don't have to be present to win!

Tickets: \$20 each or \$100 for 6 raffle tickets Drawing: Feb. 21, 2019 Contact: Lucas Von Ruff or e-mail at sts-yp@aiche.org Online: TBD

YP Announcement for attending the 2020 AIChE Annual Meeting

Annual Meeting and recognize the efforts and contributions of YPs to Division activities. These activities include chairing or co-chairing and attending Division sessions.

For YPs that are just starting out their careers, attending an AIChE conference can be expensive, sometimes prohibitive, if you don't have financial support from your employer. Yet, attending the conference can lead to professional and personal development that adds value to the individual and the Chemical Engineering society.

Travel grants and registration subsidies will be awarded to qualifying candidates. <u>Click</u> for application details.



Volunteer Outreach

2020 Offshore Technology Conference–Volunteers Needed!

2020 Offshore Technology Conference Volunteers Needed

4 - 7 MAY 2020 at NRG Park, Houston, Texas, USA Receive Free Pass*, Free Parking*, all the free goodies/junk you can carry away, and you may attend Technical Sessions! (*entire OTC).

Must volunteer before 13 April 2020 (*Estimated*) Attend Orientation Meeting (*mandatory*) & serve 4 or 5 hours in either Arrangements, Registration, or Student Tours, or "1st Timers" Lounge/Orientation. Contact: Tom Menn @ thomasmenn@sbcglobal.net

Science and Engineering Fair of Houston – Volunteers Needed!

Come help judge the Science and Engineering Fair!

The Science and Engineering Fair of Houston will be held at the Brown Convention Center (downtown) on the afternoon of **Saturday, February 15.**

As usual, we'll need numerous judges to cover the different age groups and the presence of chemical engineering projects in a number of official SEFH categories.

More information will be available shortly. If you are interested or would like more information, contact Matt Kolodney, STS K-12 outreach coordinator, at MKolodney1@comcast.net or 713-471-8956 (c).

University Outreach Volunteer Request

This fall, the Young Professionals will be reaching out to several universities in order to talk to their student AIChE chapters about career options, industry experience, and more!

If you're an alum of the University of Houston, Rice, Texas A&M, or Prairie View, or if you're just interested in sharing your chemical engineering experiences with students, then we would love to have you as a volunteer or even coordinator!

To volunteer, please contact Swarup Bade at <u>sts-yp@aiche.org</u> and include any universities you'd be interested in helping with. We'll contact you once we've secured a time and place!

STS Past Events

STS December Social!

On December 5th the STS chapter had our annual December social. We had a 1920s Gangster Murder Mystery themed dinner at the Curio hotel. It was a fun night of acting, investigating, and laughs! You never know who the real culprit could be and we were surprised to find out the guilty party! STS has had a great 2019 and this event was an amazing final touch to add to that.



STS Past Events

STS December Social!





2020 STS-AIChE Monthly Dinner and Social Schedule

This schedule does not include other STS events, such as networking lunches, workshops, plant tours, Young Professional events, K-12 outreach, PE review course offerings, etc. 2019 will be an exciting year for the South Texas Section. To become an STS volunteer, contact Tom Rehm at tom@tomrehm.com or 832-331-6491.

South Texas Section of AIChE				
	2020 Dinner Venues and Dates			
Monthly Mettting	Venue	Date	Location	Address
January	The Bougainvilleas	9-Jan-20	West	12126 Westheimer Rd, Houston, TX 77077
February	Holiday Inn Airport	6-Feb-20	North	15222 John F Kennedy Blvd, Houston, TX 77032
March	The Crown Plaza	5-Mar-20	South	8686 Kirby Dr, Houston, TX 77054
April	Shaffai Hall and Garden	2-Apr-20	East	1622 Federal Rd, Houston, TX 77015
Мау	The Bougainvilleas	7-May-20	West	12126 Westheimer Rd, Houston, TX 77077
June				
July	SL	ımmer Break		
August				
September	The Crown Plaza	3-Sep-20	South	8686 Kirby Dr, Houston, TX 77054
October	Marriot Town Center	1-Oct-20	TBD	16090 City Walk, Sugar Land, TX 77479
November	Monument Inn	5-Nov-20	East	4406 Independence Pkwy, La Porte, TX 77571
December	De	cember Social		

STS-AIChE Season Pass Information

2020 Season Pass Available Now!

The STS-AIChE Season Pass offered the convenience of a single sign-up and single payment for all eight technical meetings in the 2020 season. Season Pass holders also received priority sign-up for all special events.

Season Pass holders receive a significant savings when comparing the on-site cost of the dinner meetings. No need to continue to monitor when meeting registrations are open. Save the hidden costs of multiple transactions and tracking the payments and reimbursements, if applicable.

The 2020 Season Pass costs \$189 and is available for purchase HERE!

Frequently Asked Questions (FAQ)

As a Season Pass Holder do I need to register for each dinner meeting?

No, there is no need to register or RSVP for the individual meetings once you have made your payment to become a Season Pass holder. We do however ask that you sign in at the registration table during the day of the event at the meeting venue.

What if I cannot attend a dinner meeting?

Guests and visitors are always welcome. Feel free to send someone else in your place and just let the people at the registration table know of the substitution.

What if I cannot attend the meeting and cannot find a substitute?

Even the most dedicated members cannot make every meeting. The season pass is priced assuming that you will miss a meeting. If you can provide at least a one week notice, by e-mailing the Chair-Elect at stschairelect@aiche.org, we can give you a guest pass for the next meeting. That way, you can invite your boss to the next meeting to see what you missed!

I am a big supporter of the section, but I don't want my name posted all over the web. Can I opt-out of the publications?

Yes, just let us know and we will not put your name on our list so that you can continue to fly under the radar. You always have the option of hand writing a name tag.

Will I still get in if I forget my name tag at home?

Yes. We keep a master sign-up list at the door. Patrons are at the top of the list!

I normally sign up in advance. Am I still saving money?

Yes. The Season Pass is eight meetings for the price of seven. You will also save the time and effort of multiple payments.

STS-AIChE 2019 Season Pass

2019 STS-AIChE Patrons

First Name	Last Name	Company Name
Yurika	Diaz Bialowas	Chemstations, Inc.
Tom	Rehm	The Climate Solutions Community
George	Vourazeris	
Travis	Fixmer	
William Paul	Waits	
Ravindra	Saxena	

The 2020 Season Pass costs \$189 and is available for purchase HERE!

South Texas Section Corporate Liaison Program

The intent of the program is to have a liaison contact at companies in the region that employ a large group of Chemical Engineers, so that the liaison can pass on information on upcoming events, and encourage attendance at STS-AIChE Events.

This program will make it easier for Chemical Engineers to learn about meetings and events that may interest them, and by providing a "personal touch" and intra-company networking opportunity, overcome potential fears or objections to participating. The program will also provide a potential opportunity for employees to be recognized as leaders within their company.

Responsibilities and benefits are listed in the table below.

STS-AIChE	Liaison	Company
	Responsibilities	
 Provide meetings and events Maintain list of liaisons Send out special emails to liaisons Advertise program and recognize liaisons and compa- nies 	 Forward STS-prepared emails to department/group Create meeting invitations for coworkers Try to set up carpools where able Attend meetings where possible Interface with Company Management on STS activities and sponsorship opportunities (as applicable) Provide feedback to STS Officers on company interests and comments 	 Support the liaison Advertise where applicable
	Benefits	
 Higher attendance Better corporate relations 	 Personalized Nametag for meetings Demonstrated leadership within company Increased networking ability within corporation PDH credits/technical education 	 Recognition at meetings PDHs / education for employees Networking/team building opportunities

In early 2016, Travis Fixmer, a Process Optimization and Design Engineer with Huntsman Performance Products, developed an intranet website which promotes our Section and its activities within Huntsman. He offered to be a resource to individuals who would like to do the same. If you would like to promote our Section, Travis can provide you with guidance on how to proceed.

Others in our section send intra-company emails promoting the South Texas Section. This can be easily done by simply forwarding the STS monthly meeting notice email to employees in your company.

There is no cost for liaisons or companies to participate. Participation as a liaison is completely voluntary, and companies can transition to a new liaison or end their participation at any time.

If you have any questions, please contact Tom Rehm at <u>tom@tomrehm.com</u> or 832-331-6491.

South Texas Section AIChE

STS-AIChE P.O. Box 421373 Houston, TX 77242

2018 Officers and Contact Information

Officers

Chair	Mark Harkness sts-chair@aiche.org
Chair Elect	Dr. Ramanan Krishnamoorti sts-chairelect@aiche.org
Past Chair	Tom Rehm sts-pastchair@aiche.org
Secretary	Joseph Hernandez sts-secretary@aiche.org
Treasurer	Yurika Díaz Bialowas

Ireasurer Yurika Diaz Bialowas sts-treasurer@aiche.org

Executive Committee

Position 1: Education Babak Rafienia sts-position1@aiche.org

Position 2: Outreach Nabila Shamim sts-position2@aiche.org

Position 3: Communications Meghan Spivak sts-position3@aiche.org

Position 4: Human Resources Dr. William Pittman, Ph.D. sts-position4@aiche.org

Volunteers

Arrangements: Awards: Membership: Webmaster: Young Professionals: Emily Jackson Advertising:

John Middleton Tom Menn David Silarski Talia Sanchez **Mickey Reeves**

SOUTH TEXAS SECTION MISSION STATEMENT

As a section of AIChE, we serve chemical engineering professionals in the South Texas region through education, professional development, and networking.

Vision 2020

We will become an organization with strong and active membership. We will accomplish this through:

- 1. Increasing awareness
- Improving relevancy of our programs
- Improving our governance
- 4. Hospitality/Welcome/Social

SUBSCRIBE/UNSUBSCRIBE INFORMATION -

Our newsletter subscription list is by invitation only.

Subscribe: Click on the following link: Subscribe.

Unsubscribe: Click on the following link: Unsubscribe. Your email address will be removed from the subscriber list.

MAINTAIN YOUR CONTACT INFORMATION WITH STS Maintain your contact information with the South Texas Section using the online community: http://www.aiche.org/

Contact the AIChE for PERMANENT ADDRESS CORRECTIONS:

- http://www.aiche.org/contact/form
 - 1-800-AIChemE (1-800-242-4363)
 - **AIChE Home Office** 120 Wall Street, FL 23 New York, NY 10005-4020

AIChE Customer Service Center 100 Mill Plain Rd 3rd Fl Danbury, CT 06811

The South Texan Newsletter Crew

WHAT DO YOU THINK OF THE NEWSLETTER? We want to know!

Contact us at sts-newsletter@aiche.org with comments, questions, suggestions, and ideas for next month.

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Newsletter Editor

Meghan Spivak sts-position3@aiche.org Submit an article! Contact:

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