

The South Texan



Thursday, March 2, 2017
Monthly Meeting @ Brady's Landing
[\(8505 Cypress St, Houston, TX 77012\)](#)

5:30PM - 6:30PM Workshop
 6:00PM - 7:00PM Social/Networking Time
 7:00PM - 8:00PM Dinner
 8:00PM - 9:30PM Dinner Presentation/Speaker

[Register](#) for the monthly dinner meeting!
 Check us out on [YouTube!](#)

March Dinner Meeting

Dinner Speaker: Will Whitehouse, Senior Manager Trade Development

Title: *Port of Houston: State of the Port, Global Trade and Environmental Stewardship*

Abstract: The Port of Houston is a 25-mile-long complex of 150-plus private and public industrial terminals along the 52-mile-long Houston Ship Channel. The eight public terminals are owned, operated, managed or leased by the Port of Houston Authority and include the general cargo terminals at the Turning Basin, Care, Jacintoport, Woodhouse, and the Barbours Cut and Bayport container terminals.

Each year, more than 200 million tons of cargo move through the greater Port of Houston, carried by more than 8,000 vessels and 200,000 barges. The port is consistently ranked 1st in the United States in foreign waterborne tonnage; 1st in U.S. imports; 1st in U.S. export tonnage and 2nd in the U.S. in total tonnage. It is also the nation's leading breakbulk port, handling 41 percent of project cargo at Gulf Coast ports.

As one of the nation's busiest and most important ports, it is a generator of enormous economic activity for Houston, Harris County and Texas, business decisions and future plans made at Port Houston have far-ranging effects. Its activities are important to many of the companies that employ our AIChE STS local members. Will Whitehouse, Senior Trade Development Manager will discuss the state of the port with a year-to-date update on key measures of operational and financial performance of the port, status of global trade, and their efforts in the area of environmental stewardship.

Bio: Will Whitehouse joined the Port of Houston Authority as the Trade Development Manager in April 2010, and was promoted to the role of Senior Trade Development Manager in 2012. Will is responsible for all petrochemical and resin accounts, ocean carrier negotiations, all Trans-Atlantic trades, as well as managing the territory of the Eastern United States. Previously, Will worked for a Gulf Coast Stevedore company, focusing primarily on day to day operations and sales management.

Originally from South of Atlanta, Will traveled to Kings Point, New York to earn his bachelor's degree in Marine Transportation from the United States Merchant Marine Academy. After leaving the Academy, Will began his maritime career in Miami, Florida, and from there in Louisiana, Mississippi and now Texas. While working for the Port of Houston Authority, Will obtained his Masters in Global Supply Chain and Logistics from Syracuse University.



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Meeting Registration Information

Membership in STS-AIChE is a bargain at \$20/year. If you wish to become a member, you may join at the registration desk at the meeting.

	Pre-Registration	Onsite
Member	\$25	\$35
Non-Member	\$35	\$40

NOTE: Please bring your receipt. You have until 4PM CST on March 1st, 2017 to pre-register online. After that, you will be required to pay the higher cost at the door.

Pre-registration for the main meeting is now open through our [website](#).

Meeting Location— Brady’s Landing



This month’s meeting will be held at Brady’s Landing ([8505 Cypress St, Houston, TX 77012](#)).

Double-click on the image to the left for directions from your location. For more details and information, please check our [website](#).

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Workshop

Workshop starts at 5:30 PM**Title:** Creating a Winning Resume**Speaker:** Mark Friedman, Ph.D**Abstract:** The resume is one of the most important documents in a job search. Yet many people fail to get enough mileage from it. First and foremost, a resume is your ticket to an interview. In that sense, a resume is like a presentation to management, designed to get you in the door. Secondly, the resume can be used as a “calling card”; a leave behind after an informational interview.

In a fast-paced presentation, Mark Friedman will provide some key pointers about how to create a winning resume. The talk will include: resume design and format, telegraphic messages, accomplishment statements and how to make your resume powerful, yet concise.

On March 2, Mark will speak at Brady's Landy discussing How to Create a Winning Resume. On March 3, there will be a 3 hour hands-on workshop at the Westside Omni where participants can expect to complete a written resume. **The March 3rd event is our monthly First Friday lunch, i.e., the South Texas Section will subsidize each attendee's lunch by \$5.**

Bio: Mark is a principal in MJF Associates that specializes in Executive Coaching, Leadership Development, Strategic Focus, Team Building, Career Management and Outplacement. During the last 25 years Mark has helped over 3000 people in career transition.

Mark received his Ph.D. in Industrial / Organizational Psychology at the University of Tennessee and has over 25 years of experience. For over eight years he has coached some 55 Executive MBA candidates at Rice University on leadership, career management and change management. His clients include Air Liquide, Praxair, National Oilwell Varco, Port of Houston Authority, FMC Technology, LyondellBasel, BP, Exxon/Mobil, City of Houston, US Postal Service, The Houston Texans (NFL team), Hewlett-Packard Company, Dell, Johnson Controls, and ABB Lummus Global. He can be reached at markf@mjfassociates.com or 281-493-0641.

Register for the First Friday Networking Lunch [here](#)

Workshop

Workshop starts at 5:30 PM

Title: Flare and Relief Simulation Studies

Speaker: Dhaval Dave,

Abstract: An increasing number of interconnected process units and requirement of higher processing capacities makes flare system critical for any major upgrade to processing units. Flare and relief systems are fundamentally dynamic processes and the last safe guards against maximum allowable working pressure (MAWP) during plant transient conditions. The relief system includes the relief device (PSV, rupture disc, etc.), collection piping, and flare-stack (seal drum and flare-tip).

In this webinar, the design workflow of flare and relief system is presented - where Visual Flare is used for modelling plant wide flare system involving all the units and DYNOSIM is used for dynamic modelling of critical units such as distillation tower or pressure vessel. The back pressure calculated by visual flare is used in DYNOSIM to determine the accurate relief load. Three different real world case studies are presented - a refinery wide flare system design using Visual Flare, a dynamic simulation of integrated crude/vacuum unit for calculating the peak relief load and a dynamic simulation of a nitrogen rejection unit.

The past two decades of application of dynamic simulation for flare and relief system design confirms: (i) Improved design - by having accurate relief load estimation (ii) Tighter control and Improved Safety - by investigating specific implementation tasks and to assess operability and trip setting ahead of failure (iii) Improved Operating Cost: Improved flare system design and control prevents unnecessary unit trip and its propagations, this results in significant saving in operating cost. (iv) Operator Training: Such dynamic model can be easily extended for plant wide operator training simulators to train operators to achieve higher production while respecting alarms and trips.

Bio: Dr. Dhaval Dave has 13 years of experience in simulation and optimization in a variety of industries. Dr. Dave is currently working with Schneider Electric as a Senior Consultant in the Design, Simulation and Optimization group. His prior experiences include positions with British Petroleum and Aspen Technologies. He holds a PhD in chemical engineering from the University of Manchester, UK and an M.Tech in chemical engineering from Indian Institute of Technology - Kanpur. Dr. Dave is a Houston native and his research interests include Dynamic Simulation and Real Time Optimization.

March 2017 STS-AIChE Chair's Letter – David Rosenthal

Dear Fellow Members of South Texas Section of the American Institute of Chemical Engineers,

Our local section meeting again in February had a strong showing of over 110 attendees on February 2! We were treated to an excellent presentation by Leonard Levine, Technical Director of Gulf Coast Water Disposal Authority speaking on “The Oldest Bio-Reactor – Wastewater Treatment”. We also welcomed students from Prairie View A&M as part of College Night. Our March 2nd meeting will feature Will Whitehouse, Senior Trade Development Manager Port Authority of Houston who will discuss the state of the port with a year-to-date update on key measures of operational and financial performance of the port, status of global trade, and their efforts in the area of environmental stewardship. Come out to a Dinner meeting!

My focus is all about bringing value to every member of our section no matter how they interface with our organization. Our interfaces include:

Dinner Meetings

Education – Workshops and Conferences

Networking Events – Assisting those looking for work

College Students and Young Professionals Assistance

Awards and Recognition

K-12 Outreach

Our Dinner meeting program for 2017 includes:

January - Improving Operational Resilience Using Dynamic Simulation

February - The Oldest Bioreactor - Wastewater Treatment

March - Port Of Houston Authority

April - Energy Forum - Engineers in Government

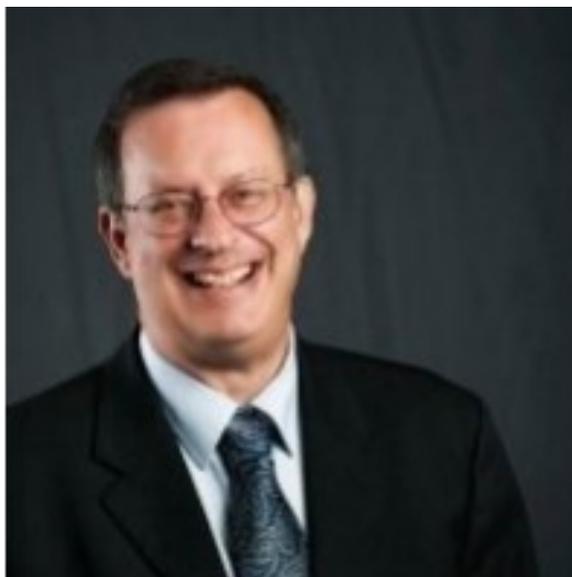
May - Good Engineering Practice for Emergency Relief System Design

June – Houston Ship Channel Tour

September - Process Safety

October- Southwest Process Technology Conference Dinner

November- Water Forum - Houston Subsidence District



I have been asked why I was involved in AIChE for now over 35 years! At first the answer was simple; I could practice my career skills in areas such as leadership. I recently spoke to our Executive Board about the traits of a “trustful leader”. I included in those traits Talking straight, Demonstrating Respect, Creating transparency, Delivering Results, Practicing Accountability to name a few. Your participation in our local section can provide exposure to those who practice these traits every day and can be a platform for learning for the young engineer. So get involved with us! We need volunteers! There truly is a win-win for both you and our local section.

March 2017 STS-AIChE Chair's Letter – David Rosenthal

We continue to look for sponsoring companies for our meetings. We have three levels of sponsorship. Your sponsorship lowers the price of our Dinner meetings for our members. At a minimum, your company has an opportunity to speak to our Dinner meeting attendees, provide literature, and attend the meeting complimentary. Please consider being a Bronze, Silver or Gold sponsor!

We are also looking for Dinner meeting locations. Can your company host a Dinner meeting? All we need is space for 100 people, workshop space, catering, and parking. We will even provide the speaker!

Our section also provides value in many other ways to our members. We are committed to assisting those looking for work through many different approaches. We are now holding First Friday meetings at the Omni Westside in Houston each month for those who need to network. At our Dinner Meetings we also identify name badges with those looking for work so others can provide advice. We also announce opportunities and those who are looking for work during our Dinner meetings.

Remember, any member can attend our Executive Committee meetings held on the second Thursday of each month at La Madeleine at 10001 Westheimer Rd, Suite 2123, Houston, TX 77042 to either observe or volunteer to help.

I closing, I again take this opportunity thank you for your past support and I look forward to meeting each of you at an AIChE STS event.

David Rosenthal
2017 Chair
AIChE STS



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February 2017 STS-AIChE Meeting: College Night

The February STS monthly dinner was College Night and focused on the section's dedication to partnering with the local student section. Invitations were sent to Texas A&M University- College Station, Prairie View A&M University, and the University of Houston. Students began the evening attending a special workshop on Job Opportunities for Chemical Engineers. The session ended with an open discussion about what is expected of employers and what STS can provide to aid the students. Pictured below are students from Prairie View who attended the meeting at Brady's Landing. Also pictured (left to right) are Victor (Vic) Edwards the workshop speaker, David Rosenthal the STS Chair, and Sheena Reeves an STS Executive Committee member and faculty member at Prairie View.



50 Year AIChE Member Recognition

Harmon Kirkpatrick Honored for Achieving 50 Years of AIChE Membership

Harmon Kirkpatrick was recognized for achieving 50 Years of AIChE Membership at the February 2nd South Texas Section – AIChE Monthly Dinner Meeting.



Harmon Kirkpatrick displays his Certificate of Recognition for 50 Years of AIChE Membership. To his right, David Rosenthal, STS Chair; to his left, Tom Rehm, STS Human Resources Officer

Harmon Kirkpatrick

Harmon received his bachelors in chemical engineering at the University of Cincinnati in 1967. During his first assignment with Monsanto, he completed an MBA in 1969 and his masters in chemical engineering in 1975. He is a licensed professional engineer in nine states, including Texas, and is a chartered engineer in the UK. Harmon is a Fellow of the Institute of Chemical Engineers (IChemE).

Harmon began his career in 1967 with Monsanto Chemical Company in Springfield, MA as a Process Engineer. He completed 15 years at Monsanto as a Process Technology Group Leader, representing Monsanto on a national air-oxidation CMA/EPA committee. After completing his masters in 1975, Harmon moved to Clear Lake City.

In 1982, he joined Enterprise Products in Mont Belvieu, TX as a Project Manager. In 1990, Harmon joined PCI Engineers in Houston and in 1991 Rimkus Consulting Group in Houston, where he remains active as Senior Vice President of the Industrial/ International Division after 25 years.

50 Year AIChE Member Recognition

Harmon has completed numerous domestic and international field assignments, covering all continents with the exception of the Antarctic; in total 27 foreign countries. Significant projects in Harmon's career include:

- Process specialist on a world scale grassroots heavy oil cracker in Alvin, TX back in the day when we were running out of natural gas liquids
- Doubling the size of a complex refinery in West Texas and coordinating multiple contractors to do the work
- Testimony at an international arbitration between a global Japanese engineering firm and the largest contractor in Australia, following a troubled refinery expansion project
- Crawling through equipment to perform insurance damage inspections in Kuwait, Venezuela, Thailand, Korea and Singapore.

Harmon has three patents, three published papers, has presented four conference papers and over fifteen seminars.

Harmon and wife Patricia have two children and four grandchildren. He enjoys photography and tennis, and has been actively involved in his community associations for 17 years. Patricia recently retired after nearly 40 years as a registered nurse. Most of Harmon's time is now spent working, traveling and following his grandkid's sporting events.

Harmon, congratulations on achieving 50 years of AIChE membership in 2017!

Awards

It's Awards Time!

It is once again time to nominate an STS member for the 2016 South Texan Section Annual Awards:

- Outstanding Young Professional Award
- Distinguished Service Award
- Best Fundamental Paper
- Best Applied Paper Award

For requirements of each award, visit the web page: <http://sts.aiche.org/content/awards>

The page provides a summary of the awards, and contains links to more detailed descriptions of each award.

To nominate a member for an award, complete the online form at the web page:

<http://sts.aiche.org/content/award-nominations>

.

If you prefer the printed form, print out the forms from the next two pages.

NOTE: All 2016 Awards Nominations must be received by May 1, 2017!

Awards

South Texas Section – AIChE 2016 Annual Awards Nomination Form

THIS NOMINATION FORM MUST BE RECEIVED BY MAY 1, 2017 TO BE ACCEPTED!

Mail the completed form to:

Thomas E. Menn	Or	Ryan Stephens, PhD	Or	Matt Christiansen, PhD
Awards Chair		Best Papers Judging Chair		Best Papers Judging Co-Chair
P. O. Box 458		Shell Global Solutions (US) Inc.		Shell Projects and Technology
Pearland, Texas 77588-0548		Technology Center		
				3333 Highway 6 South
				Houston, Texas 77082

Tel.: 281-485-3719 Tel.: 281-544-8447 Tel: 281-544-6476

ThomasMenn@SBCGlobal.net Ryan.Stephens@shell.com Matthew.Christiansen@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 or STS may wish to join STS or STS and AIChE until May 31, 2016 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 NAME: _____

ADDRESS:

STREET: _____

CITY: _____ **STATE:** _____

ZIP CODE: _____

TELEPHONE NUMBER: AC: _____ **NO:** _____

E-MAIL ADDRESS: _____

I wish to nominate _____

(Enter Name of Nominee or Title of Paper on the above line.)

ENTER CONTACT INFORMATION FOR NOMINEE OR AUTHOR:

NOMINEE or AUTHOR'S NAME: _____

ADDRESS:

STREET: _____

CITY: _____ **STATE:** _____

ZIP CODE: _____

TELEPHONE NUMBER: AC: _____ **NO:** _____

E-MAIL ADDRESS: _____

TYPE OF NOMINATION: (PLEASE CHECK ONLY ONE SPACE BELOW.)

2016 STS Outstanding Young Professional Award (*Under age 35*) _____

2016 STS Distinguished Service Award (*Over age 35*) _____

2016 STS Best Fundamental Paper Award _____

2016 STS Best Applied Paper 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.

Awards

Please enter the name of the 2016 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.)

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: _____

Co-Author # 2: _____

Co-Author # 3: _____

Co-Author # 4: _____

Co-Author # 5: _____

Co-Author # 6: _____

Co-Author # 7: _____

Co-Author # 8: _____

Co-Author # 9: _____

[Add addition Authors on an attached sheet as necessary.]

For Best Paper Nominations, please provide following information:

NAME OF PUBLICATION: _____

DATE OF PUBLICATION: _____

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.

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 or STS may wish to join STS or AIChE and STS until May 31, 2017 in order to be eligible for the recognition due a STS – AIChE Member Best Paper Award Recipient.

STS-AIChE 2017 Monthly Dinner Meeting Schedule

Date	Location	Meeting Details (Speaker/Company/Topic)
January 12	Brady's Landing	Julie D. White, SIS-TECH. <i>Improving Operational Resilience Using Dynamic Simulation</i>
February 2	Brady's Landing	The Oldest Bioreactor - Wastewater Treatment
March 2	Brady's Landing	Port of Houston Authority <i>State of the Port, Global trade, and Environmental Stewardship</i>
April 6	Brady's Landing	Energy Forum <i>Engineers in Government</i>
May 4	Pelazzio	Good Engineering Practice for Emergency Relief System Design
September 7	Pelazzio	Process Safety
October 12-13	Moody Gardens	SPTC TBD
November 9	Pelazzio	Water Forum - Houston Subsidence District

South Texas Section-American Institute of Chemical Engineers (STS-AIChE) Season Pass

The STS-AIChE Season Pass for the 2017 technical monthly dinner meetings is being offered for \$131. Please visit the STS-AIChE website to sign up (<http://sts.aiche.org/content/2017-season-pass>).

The STS-AIChE Season Pass offers the convenience of a single sign-up and single payment for all eight technical meetings in the 2017 season. The meetings included are the January through May and September through November technical monthly dinner meetings. The December Social meeting is not included in the Season Pass. Season Pass holders also get priority sign-up for all special events. The schedule of topics and venues will be posted on the website (sts.aiche.org) once finalized.

Season Pass holders are recognized as patrons on the STS-AIChE website and in our newsletter. This is a great way to show your support for your section at no additional cost. Season Pass holders will be issued a permanent name tag – no need for sticky paper name tags. Your fellow members will recognize you as a patron and regular attendee.

Season Pass holders have a significant savings when comparing the on-site cost of the dinner meetings. They also save the hidden costs of multiple transactions and tracking the payments and reimbursements, if applicable.

STS-AIChE 2017 Season Pass

General Comments

The STS-AIChE Season Pass offered the convenience of a single sign-up and single payment for all eight technical meetings in the 2017 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.

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 them know at the door 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 sts-chairelect@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 2017 Season Pass

2017 STS-AIChE Patrons

Name	Affiliation
Dale Embry	ConocoPhillips
Yurika Díaz Bialowas	Chemstations Inc.
David Rosenthal	Reliability Strategy and Implementation Consultancy, LLC
Erin Green Colaco	
Gary Miller	Air Liquide
George Redd	S&B Engineers
George Vourazeris	Air Liquide Industrial U.S. LP
Gus Georgeton	Stress Engineering Services
Irvin Osborne-Lee	
Jack Chosnek	KnowledgeOne
Jeffrey Melland	Melland Consulting LLC
Matt Kolodney	
Morgan Reed	
Ravindra Saxena	
Sheena Reeves	
Syamal Poddar	Poddar & Associates
Thomas E Menn	
Thomas Rehm	TERehm Consulting LLC
Travis Fixmer	Huntsman
Jordan Pearce	Process Systems Enterprise (PSE)
Dimitrios Georgis	Process Systems Enterprise (PSE)
Victor Edwards	VHE Technical Analysis
Ronald Lutz	Braskem America
Carol Schmidt	SGL Group
Joseph Ramey	Westchase Design, L.L.C.

STS-AIChE 2017 Season Pass

2017 STS-AIChE Patrons

Name	Affiliation
Sanjay Sharma	Honeywell
Matthew Clark	Armstrong Engineering Associates
Trevor Rice	Chemstations
Phillip Purpich	
Lawrence Chriswell	
Wendy Reed	
Paul Waits	
Julie White	SIS-TECH
Nicholas D'Ambrosio	En-Fab, Inc



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Upcoming Events Information

March First Friday Networking Lunch

We have a special offering for our March 3rd First Friday program. Mark Friedman will conduct a hands-on workshop in which attendees can expect to complete a written resume. The previous evening, Mark will make a one-hour presentation, 'Creating a Winning Resume', in connection with our monthly South Texas Section meeting. On March 3rd, you can use those principles to result in a winning resume. Although attendance at the March 2nd 5:30-6:30pm presentation is not required to attend the March 3rd First Friday Lunch workshop, if possible please consider doing so.

March's networking lunch will be held on Friday, March 3rd from 11:00AM - 1PM at the Café on the Lake in the Omni Hotel at Westside (13210 Katy Freeway, Houston, TX 77079). The Café lunch menu ranges from \$8 to \$15, and the South Texas Section will subsidize this event at \$5 per attendee. **Please note the earlier event start time this month to accommodate the speaker.**

This is a networking event to bring together engineers who are seeking to improve their employment situation, with experienced industry management and professionals. Everyone is welcome to attend! Please register at the following link:

<https://www.aiche.org/community/sites/local-sections/sts/events/march-3rd-first-friday-lunch-hands-on-workshop-creating-winning-resume>

2017 OTC

2017 Offshore Technology Conference – Head's Up! The 2017 OTC will take place May 1 to 4 at NRG Park, Houston, TX. Volunteers will receive a Free OTC Pass*, complimentary parking* with in/out privileges, and all the free goodies/junk you can carry away! In return, OTC Volunteers agree to attend an Orientation Meeting & serve 4 or 5 hours in either Arrangements, Registration, or Student Tours. (* Pass & Parking are good for entire OTC.)

OTC Volunteer Registration is now open until April 10, 2017. To obtain the OTC Volunteer Registration Link and password, contact Tom Menn at thomasmenn@SBCGlobal.net



Upcoming Events Information

March YP Happy Hour

On Friday, March 3rd, the Young Professionals will be hosting a Happy Hour at Fox & Hound Westheimer! Join us for some after-hours conversation, networking, and drinks provided by the Young Professionals.

Feel free to bring your colleagues and classmates!

Date: Friday, March 3rd

Time: 5:00 pm - 8:00 pm

Location: Fox & Hound @ Westheimer (11470 Westheimer Rd., Houston)

STS-AIChE Volunteer Outreach

Science and Engineering Fair of Houston (SEFH)

On Saturday, February 25, 2017, STS member volunteered as judges at the Science and Engineering Fair of Houston (SEFH).

20 STS members (a record) turned out as judges for the STS special awards. They were:

Cealasha Baggett	Cecilia Burns	Yurika Diaz	Preshit Sawade,
Matthew Kolodney	Fanxu Meng	Shahebaz Mulla	Gianna Pietrangeli
Gary Reeves	Sheena Reeves	Anirban Roy	Jacob Saldinger
Zulfiya Samedova	Anil Vazrala	Paul Waits	Peta Williams
Cliff Woodard	Wendy Young	Julalak Deekae	Nicholas Callett

The attached photos are our science fair judges for Senior Division, 9th-Grade Division, and Junior High Division.



STS First Friday Networking Program

On February 3rd, Brian Cho and Zulfiya Samedova from the Pay It Forward Networking Program spoke with a lunch group on professional and personal leadership.

If you want to improve your employment situation, or if you are established in industry either on the management ladder or technical ladder and wish to provide advice to our members who want to improve their employment situation, please join us at the Omni Hotel Westside on the first Friday each month, 11:30-1:00. The STS subsidizes all attendees at \$5 per attendee.

All credit goes to Debra McCall and Mengchuan Li for initiating, planning, and coordinating this networking program. If you have any questions, please contact STS Human Resources Director, Tom Rehm, at tom@tomrehm.com or 832-331-6491.



PAY IT FORWARD NETWORKING PROGRAMS: Helping and Encouraging Others

It's astounding that since mid-2014 over 400,000 people were laid off world-wide, mostly in the upstream, but also midstream sector of the energy industry. Over 250,000 of these layoffs happened in the US, including me and an estimated 100,000+ others in the greater Houston area. As we made the rounds of job search ministries and networking groups, we realized that we should have been networked better and given more back to our profession and to our community. In this regard, we have been helping to lead and grow a grass roots volunteer program called the "Pay-it-Foward Networking Concepts". Carlos Pineda started this counter-intuitive program with the simple notion of wanting to help and encourage others during his own career transition.



Pay It Forward Tours

"Pay-it-Forward Networking Tours" encourages companies to open up their places of business to visits by unemployed professionals. This allows companies to showcase their products and capabilities to highly qualified professionals who could become their customers or employees in the future. The tour participants stay engaged and up to date on the latest technologies. These are encouraging and uplifting experience for all involved. Within less than a year, PiFN arranged 50 tours with 35 companies for people in transition.

Pay It Forward Trainings

"Pay-it-Forward Training" followed on the success of the tours. Recognizing the caliber of talent in our network and our interest in learning about other specialties, we organized venues for members to share their expertise with others. The subject of the seminars vary from geophysical characterization of shale to discussions in drilling, completions, risk management, entrepreneurship, etc. All training seminars are open for public and are backlogged into the middle of 2017. You can find all the Pay-it-Forward Training seminars on www.eventbrite.com.

Pay It Forward Panel



The "Pay-it-Forward Panel" was born during a tour in which participants had useful observations that the host company found valuable. Recognizing that many of us receive calls from former colleagues asking for advice, we decided to offer panels of advisors to help companies that need outside perspectives for specific problems. The companies win by getting fresh, non-biased, outside the box insights that could lead to break through innovations. The panelists win by contributing and demonstrating expertise, and building relationships with companies and industry's forward thinkers. We currently have 64 professionals with 33 types of degrees and 42 unique areas of expertise—and over 1,300 years of experience.

Pay It Forward Mentoring

Finally, the Pay-it-Forward Mentoring program is in progress. Through this program many of the professionals in transition will mentor the university students as they graduate.

The common thread in all elements of the Pay-it-Forward Networking program is "helping and encouraging others." There is no expected payback directly from any tour, training session or panel. We are driven to use our time to help maintain our expertise, support our employed colleagues, and provide encouragement during what can be a very discouraging experience for our unemployed peers.

STS-AIChE YP

Calling all young professionals! Get involved and participate in happy hours, planning meetings, and other fun activities! Check out the new [STS-AICHE YP Website](#) for more information.



Happy Hour at Sherlock's Baker St. Pub
February 2017

Job Inquiry and Posting

AIChE-STS will start a post listing chemical engineers seeking employment and companies to fill positions.

If you are a member seeking employment provide a few sentences of the position you seek and your AIChE email address for the response. You will be listed anonymously.

If you are a company provide a few sentences of the job description you seek to fill and your contact information. You will be listed anonymously.

Contact STS Chairman David Rosenthal at sts-chair@aiche.org with this information.

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		
<ul style="list-style-type: none"> ✦ Provide meetings and events ✦ Maintain list of liaisons ✦ Send out special emails to liaisons ✦ Advertise program and recognize liaisons and companies 	<ul style="list-style-type: none"> ✦ 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 	<ul style="list-style-type: none"> ✦ Support the liaison ✦ Advertise where applicable
Benefits		
<ul style="list-style-type: none"> ✦ Higher attendance ✦ Better corporate relations 	<ul style="list-style-type: none"> ✦ Personalized Nametag for meetings ✦ Demonstrated leadership within company ✦ Increased networking ability within corporation ✦ PDH credits/technical education 	<ul style="list-style-type: none"> ✦ 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 STS Human Resources Director, Tom Rehm, at tom@tomrehm.com or 832-331-6491.



South Texas Section AICHE

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2017 Officers and Contact Information

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Membership: [David Silarski](#)
Webmaster: [Phil Purpich](#)
Young Professionals: [Morgan Reed](#)

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 2017

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

1. Increasing awareness
2. Improving relevancy of our programs
3. 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>

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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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