



Social Night: **December 3, 2015 6PM-9PM**

Location: [TopGolf Houston-Katy, 1030 Memorial Brook Blvd. Houston, TX 77084.](#)

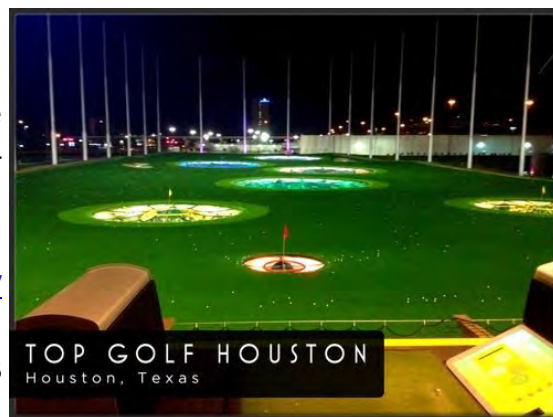
Pre-register at <http://sts.aiche.org/>

Inside this issue:

Meeting Details	2
Water Forum Thank You	3
Letter from the Chair	4
2015 Annual Awards	5-8
AIChE Membership	8
2016/17 Executive Board Candidates	9-10
Upcoming Events Info: OTC 2016 & PE Refresher	12
Season Pass	12-13
Call for Awards	14-16
Call for Volunteers	17-18
Company Liaison Program	19
Contact Information	20
Subscribe/Unsubscribe	

December Social Meeting

It's that time of the year again and Young Professionals (YPs) at STS are excited to organize the STS-AIChE annual December Social from 6PM to 9PM on Thursday, December 3, 2015 at [TopGolf Houston-Katy](#) (1030 Memorial Brook Blvd, Houston, TX 77084). Let's showcase our "tee-ing talent" and have fun!!



Event Information: Package includes 3 hours of TopGolf, free clubs, dinner, one token for beer or wine, bottomless soda, iced tea, and water.

Cost: \$40 per person for a "\$75 regular-priced ticket." STS/YP will sponsor the remaining amount, woohoo!! You are more than welcome to bring friends/family to the event.

Registration: Register at our [STS-AIChE website](#). Pay via Paypal ends Nov. 30th at 4PM CST. A confirmation email with details will be sent to your "Paypal email" on November 30th.

Questions: Contact Chaitanya Gottimukkala by email at sts-yp@aiche.org.

Meeting Registration Information

Cost is \$40 per person for a “\$75 regular-priced ticket.” STS/YP will sponsor the remaining amount.

Register at our [STS-AIChE website](#). Pay via Paypal ends Nov. 30th at 4PM CST. A confirmation email with details will be sent to your “Paypal email” on November 30th.

You are more than welcome to bring friends/family to the event!

Meeting Location— TopGolf Houston-Katy



This month's meeting will be held at [TopGolf Houston-Katy \(1030 Memorial Brook Blvd, Houston, TX 77084\)](#)

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

STS-AIChE December 2015 Monthly Meeting Online Webcast

There will be no satellite dinner meeting this month nor a webcast of the main meeting via our [YouTube channel](#).

Action Item Overload ?
We can help. ✓



Smith & Burgess
Process Safety Consulting

Thanks!

Thank you 2015 Water Forum Sponsors and Exhibitors!

Gold Sponsor



Bronze Sponsor



Exhibitors



EPI ENGINEERING



SOUTHWEST RESEARCH INSTITUTE

December 2015 STS-AIChE Chair's Letter – Kelly Richardson

Dear Members of the South Texas Section—American Institute of Chemical Engineers:

Last month approximately 100 attendees were present at the Water Forum and Monthly Dinner Meeting. Thank you to all our speakers of the evening which included David A. Cody, Kathey Ferland, Pramod Bengani, Eberhard Lucke, and Joe Powell. Presentations for the Water Forum have been made available on the [Texas Industries of the Future website](#).

Our last Monthly Dinner Meeting of the year will be held on Thursday, December 3, 2015 at TopGolf (1030 Memorial Brook Blvd, Houston, TX 77084). TopGolf is designed for golfers of all skill levels. Family and friends are welcome to attend so that they may also join in on the fun. To learn more about the event and to register please visit the STS-AIChE website (<http://sts.aiche.org/>).

The next executive committee board meeting is scheduled for Thursday, December 10, 2015. If you are interested in volunteering this is a good way to learn about opportunities. Please send an e-mail to sts-chair@aiche.org for additional details and to RSVP to attend.

Please cast your vote. Ballots were distributed by e-mail, earlier this month, for the election of the 2016/2017 STS-AIChE Executive Board Members. The last day to vote is Friday, December, 4, 2015. Election results will be posted on the website.

This year the board members continued to do an amazing job in running the organization. Thank you to the 2015 Executive Committee Members for all of their hard work! Carol Schmidt, Katherine Leskin, Bill Epling, and Dale Embry will complete their Executive Committee term at the end of this year. Carlos Salamanca, Shane Tierling, and Linton Wong will continue to serve on the Executive Committee in 2016. Syamal Poddar will move into the role of Chair as I move into the role of Past Chair. Newly elected candidates will serve in the roles of Chair Elect, Secretary, Position 2, and Position 4 in 2016.

STS-AIChE members can now sign-up for the 2016 Season Pass. The Season Pass offers the convenience of a single sign-up and single payment for all eight technical Monthly Dinner meetings in the 2016 season. Details are available on the [STS-AIChE website](#).

Now is the time to renew your 2016 AIChE dues. Please be sure to check the box for STS-AIChE to renew your local STS-AIChE dues while paying your AIChE dues. Contributions from your dues are used to develop the programming throughout the year.

Thank you to all the STS-AIChE Members for your support throughout the year! I look forward to seeing you in 2016. Happy Holidays!

Sincerely,



Kelly Richardson
STS-AIChE Chair



STS-AIChE 2015 Annual Awards

Jayce Mathews awarded 2014 South Texas Section – AIChE Outstanding Young Professional Award at the November 2015 STS Monthly Dinner Meeting.



Jayce Mathews (C) displays his 2014 STS – AIChE Outstanding Young Professional Award which had just been presented to him by 2015 STS Chair Kelly Richardson (L) and 2012 AIChE President David Rosenthal (R).

Jayce Mathews 2014 South Texas Section – AIChE Outstanding Young Professional

The recipient of the 2014 South Texas Section Outstanding Young Professional is Jayce Mathews. Jayce received his BSChE from LIT (India) in 2002 and his MSChE from Texas A&M Kingsville in 2005. He has been a Senior Process Engineer with KBR in Houston since 2009. Prior to KBR, he was employed by Fluor from 2008 to 2009, Lurgi from 2005 – 2008, and had interned with Hart Energy in 2004.

Jayce is a Senior Member of AIChE. He has served as a Director of the Fuels & Petrochemicals Division of AIChE from 2010 to 2013. Jayce has served as Program Chair for SPTC Galveston from 2012 to the present (2015). He was the 2011 Chair of the STS Young Professionals. He chairs Fuel & Petrochemicals Division's Refinery Topical Sessions the AIChE Spring Meeting.

Jayce was the recipient of the 2012 STS Young Chemical Engineer of the Year Award during Houston Engineers Week. He also received the 2013 STS-AIChE's Special Service Award, 2013.

STS-AIChE 2015 Annual Awards

Patsy Chappelear Recognized for 50 Years of AIChE Membership at November 2015 STS Monthly Dinner Meeting.



Patsy Chappelear displays her Certificate recognizing 50 Years of AIChE Membership. Also in the photo are 2015 STS Chair Kelly Richardson (L), Patsy's granddaughter Janelle Snell (R), and 2012 AIChE President David Rosenthal (2nd from right)

Patsy Stallings Chappelear -- Patsy received her B A from Rice Institute in 1953 and her B S ChE in 1954 from Rice. She was a registered professional engineer in Texas. Patsy has been a Fellow of AIChE since 1980 and was the first woman to receive the grade of Fellow.

After graduation Patsy joined Shell Oil's Deer Park Refinery as an Engineer. When she married a fellow Shell Employee, an anti-nepotism policy forced Patsy to seek other employment as a Research Associate in Rice U's Chemical Engineering Department with Professors Riki Kobayashi and T W Leland from 1955 to 1975. This Rice job included consulting work. After leaving Rice Patsy became a Process and Project Engineer with Hudson Engineering Corporation of Houston from 1975 to 1986. She then served as a Consultant.

Patsy served several years on the Spring National Meeting Committee when it was in Houston every other year and was active in thermodynamic programming. She also did a lot of K-12 career promotion speaking for the STS. Patsy was one of the participants in the talk on the Rice Hotel veranda that led to the formation of the Fuels and Petrochemicals Division, originally named Petroleum Refining and Petrochemicals. She served as an F&PD officer for several years including Division Chair. She was then elected to the AIChE Board of Directors, served as STS liaison, and as AIChE's Delegate to a Rice University President's Inauguration.

STS-AIChE 2015 Annual Awards

Patsy reports that she learned a lot about arranging meetings when she helped Dr. Riki Kobayashi host a Cryogenic Engineering Conference at Rice. She served on editorial review boards for ***Fluid Phase Equilibria***, ***GPSA Engineering Data Book*** (including the SI version), and a couple of times for NSF. Patsy presented papers at several national AIChE meetings and at joint meetings in Mexico and Germany. During the year (1974-75) she spent in The Netherlands, Patsy spoke at Oxford, Imperial College (London), London University, Leeds University, Prague's Institute for Micro-Molecular Chemistry, and Poland's Marie Curie Institute as well as the University of Krakow.

Patsy has over 50 publications as either an author or co-author. She received a Citation for Service (*Editorial Review Board*) Natural Gas Processors Association in 1987. Patsy was recognized as Outstanding Rice Engineering Alumna in 1998.

Patsy spent her "spare time" by organizing two PTO's and served as a Girl Scouts Leader and Room Mother. She also did door to door fund raising for Cancer prevention and other worthy causes.

Patsy and her husband of 60 years have four children, nine grand-children, one great grand-daughter with two more scheduled for December and April! She is also addicted to genealogy.

Certificates Mailed to Four 50 Year AIChE Members

The South Texas Section recently sent Certificates recognizing their achievement of 50 Years of AIChE Membership to the four STS Members listed below. Congratulations to all for achieving this AIChE Membership Milestone.

Freylon B. Coffey – Freylon received his BSChE in 1960 from Texas Tech University. He is a Professional Engineer registered in Texas and is Senior Member of AIChE.

Freylon began his chemical engineering career with Celanese where he worked for 20 years. He then moved on to El Paso Products Company and was employed there for 14 years. Freylon then worked for Dow Chemical Company for four years, the Texas Commission on Environmental Quality for five years, Quaker Oats Chemical Company for one year, and Syntex Agricultural Chemicals for one year.

Freylon has written three technical papers. One was a chapter titled "Cost of Control" in "Controlling HC Emissions from Loading Ships and Barges" while with the TCEQ. The second was based on work at the San Antonio Dos Rios Wastewater Treatment Plant. The third was an executive summary of the newly promulgated EPA "Bubble Policy". He holds three patents. Freylon was the ACS Student Chapter President at Texas Tech. He was also the Texas Coastal Bend Local Section Vice-Chair. Freylon has process design experience in Germany, Japan, and Mexico.

Freylon and his wife are the proud parents of two sons and one daughter and positively beaming over their three grandsons, five granddaughters, and one great grandson. Freylon's pastimes are family activities and traveling. As a volunteer he has been involved in Church Activities, Indian Guides, Boy Scouts, and the United Way Campaign

Brian P. Hanson -- Brian received his BSChE in 1965 from The University of Texas at Austin. He is a Senior Member of AIChE and was an AIChE Student Chapter Member while at UT.

STS-AIChE 2015 Annual Awards

Brian was in Air Force ROTC at UT and served our country as a member of the US Air Force, completing his commission as a Captain. Brian then rejoined Celanese Corporation, where he had worked for a year prior to serving his military commitment, and retired in 1999 as Technical Director at Celanese's Al Jubail location in Saudi Arabia.

Brian's hobbies are scuba diving and world travel. He is a Director of The Explorers Club headquartered in New York City.

Jimmy Y. Livingston -- Jimmy received his BSChE in 1956 from The University of Alabama. He is a Senior Member of AIChE and was the President of the Alpha Chi Sigma Chapter at Alabama.

Jimmy was in Army ROTC at Alabama and served our country as a member of the US Army retiring as a 1st Lieutenant. He then joined Shell Oil, followed by Chemicals & Catalysts, Inc., Rex Rowell Consulting, and spent the last 20 years consulting.

Jimmy has 1 patent and authored 3 technical papers.

Jimmy's hobbies are boating and flying. He is the proud father of four daughters and even prouder of his five granddaughters, three great grandsons, and two great granddaughters.

William J. Turk -- William received his BSChE in 1963 from The University of Tulsa. He is a Registered Engineer in Texas and is a Senior Member of AIChE. William served our country as a member of the US Air Force/Air National Guard retiring as a Tech Sergeant ~ C47 Flight Engineer.

Following graduation William joined Conoco Oil Company and worked at their facilities in Ponca City, OK and Billings, Mont. In 1972 he joined Brown & Root (now KBR), retiring in 2005 as a Project Manager.

William is a Fuels & Petrochemical Division Member and has written two technical papers. He served on the API Flare & Relief Valve Committee. William is a member of the Advisory Committee for Life Long Learning at Lone Star College.

William and his wife are the proud parents of three sons and two daughters and are positively beaming over their two grandsons and one granddaughter. He likes to fish, has played golf, read, and play with his PC.

AIChE Membership

Continue your AIChE Membership for 2016

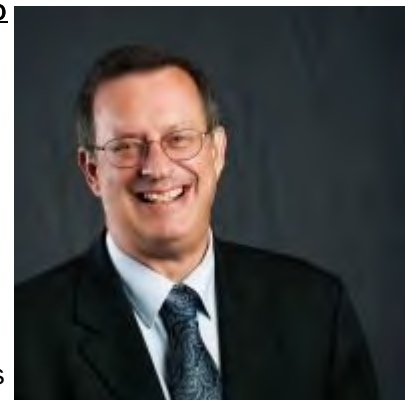
If you haven't already responded to the AIChE personalized renewal invoice sent to you in the mail, we invite you to continue your membership. Visit the AIChE website at <http://www.aiche.org/community/membership>. STS-AIChE members are offered reduced registration prices at select local section events throughout the year. **Please be sure to click the check box for the "South Texas Local Section" when renewing your membership to be eligible for the STS-AIChE member benefits.**

Candidates for the 2016-2017 Executive Board

To enable members to make informed selections for the STS-AIChE, the candidates have provided an overview of their experience. Members should have received an e-mail on or before Thursday, November 5, 2015 containing instructions on how to vote electronically or by mail. To be valid your ballot must be received by Friday, December 4, 2015.

Nominated as Chair-Elect for 2016 (and to Succeed to the Chair for 2017 and to the Past Chair for 2018)

David Rosenthal, P.E .,
Reliability Delivery and Asset Management Manager
Jacobs Engineering Group



David Rosenthal, PE, CMRP is a Reliability Consultant, Owner of Reliability Strategy and Implementation Consultancy, LLC. His practice designs asset management strategies and asset care plans for process manufacturers. He has led the delivery of Reliability and Asset Management practices for Jacobs Houston Asset Management Services clients in the US. He has been involved in Reliability and Maintenance for over 30 years with previous roles as a Reliability Manager for Coker units with Marsulex, Maintenance Director in Polysilicon manufacturing, Reliability consultant assisting Lanxess producing Butyl Rubber and Kellogg's in their Snack Foods Division in the development of their reliability programs. The majority of his career was with the Rohm and Haas Company, a specialty chemical manufacturer. His most recent positions were a Maintenance leader, site Reliability leader for their Deer Park, TX Acrylic Acid facility and a Manufacturing Excellence Manager in their corporate Asset Management group.

Dave was the 2012 President of the American Institute of Chemical Engineers. Dave graduated from Drexel University with a B.S. in Chemical Engineering and from the University of Texas with a M.S. in Chemical Engineering. Dave is registered professional engineer in Pennsylvania. He is a member of SMRP and a Certified Maintenance and Reliability Professional. He currently leads the Board of Advisors to SMRP and is a Board of Advisor to the University of Tennessee Reliability Maintainability Center.

Nominated as Secretary for 2016-2017

Chaitanya Gottimukkala

I am the current Young Professionals (YP) Chair at STS-AIChE.

I have been working as a Senior Risk Engineer with RISKbytes Inc. since June 2013, where I support Oil & Gas Companies manage their Health, Safety and Environment (HSE) risks. Prior to that I worked as a Process Engineer (Process Safety and Fire Protection) with CB&I, where I have had the opportunity to work on challenging projects across a variety of oil and gas industries providing process engineering design, process safety and fire protection design and support. The exposure and knowledge gained after earning my Bachelor of Technology degree in Chemical Engineering from J.N.T University in India, I decided to explore the opportunities offered by the Chemical Engineering world. That led to a M.E.S degree in Chemical Engineering from Lamar University, TX. My thesis involved the use of computational fluid dynamic (CFD) techniques to estimate industrial flare emissions, and to predict the dispersion of pollutants from vehicular exhaust pipes.



Service to STS AIChE as Secretary Officer: I have been involved with the YP group of STS-AIChE since 2010. I started my active involvement in the role of Secretary (2012), then Treasurer (2013), Vice Chair (2014) and now the Chair (2015). Now, it is time for me to start serving the parent body, STS. I would like to run for the Secretary position and am confident that my listening skills, MS-Office skills as well as my previous experience as YP Secretary would be a huge advantage for this position. This is just the beginning for my future involvement within the STS Executive Committee. I look forward to serving you.

Candidates for the 2016-2017 Executive Board

Nominated as Position 2 (Outreach) for 2016-2017



Josh Bennett, Ph.D.

Josh Bennett is a lecturer in the Department of Chemical and Biomolecular Engineering at Rice University. He received his BS in Chemical Engineering from Texas A&M in 2009 and his PhD from the University of Notre Dame in 2014. At Rice, Josh serves on the Undergraduate Studies Committee as well as the Undergraduate Board, communicating with students to improve the ChBE department's teaching.



Bill Epling, Ph.D.

Bill Epling is a Professor in the Department of Chemical and Biomolecular Engineering at the University of Houston, and currently the Associate Chair and Undergraduate Program Director for the department. He is also the current President of the Natural Gas Vehicle Alliance of the Greater Houston Area. Bill Epling received his PhD from the University of Florida in 1997 and his BS from Virginia Tech in 1992, both in Chemical Engineering. Prior to joining UH in 2011, he worked at Pacific Northwest National Lab, a catalyst manufacturing company (EmeraChem) and at Cummins Inc. He is a Director of the Catalysis Division of the AIChE and has served in the STS-AIChE Position 2 – Outreach - for the last 2 years, with strong support from Matt Kolodney.

He has also supported the James Turner, the Chair of the Student Session at the last two SPTC events, in organizing the student sessions.

Nominated as Position 4 (Human Resources) for 2016-2017



Thomas E. (Tom) Rehm, PhD ChE, PE, CSP, CPSA

I am a retired chemical engineer, my last stint being with Saudi Aramco from 1997 to 2009. As a Senior Loss Prevention Engineer, I was instrumental in development and launch of Saudi Aramco's Safety Management System, their version of Process Safety Management. Previous lives included design engineering with UOP in Des Plaines, Illinois (1972-1981); research engineering with Amoco Chemical in Naperville, Illinois (1985-1992); and incident investigation/expert witness litigation support with CH&A, a small engineering firm in Kingwood (1993-1997). I received a Ph.D. in chemical engineering from Northwestern University during a work interlude (1981-1985). Since the mid-90s I have been involved in Process Safety Management (PSM). During my retirement, I have done consulting work part-time, with my services including facilitation of process hazard

analyses, process safety auditing, PSM consulting, incident investigation, and training. I am the Team Leader of the AIChE Academy PSM Development Team. I am married, have five children, and ten grandchildren.

Service to STS AIChE as Human Resources Officer: As the STS Human Resources Officer, I will lead membership activities, including recruitment of engineers by meeting with local companies, reaching out to university graduates and new hires in the area, working with the Young Professional Group chair to actively involve young chemical engineers in the Section, reaching out to members who have become inactive, organizing membership drives, maintaining ties with AIChE National to receive updated lists of chemical engineers in the area, and working to involve new members to make them feel welcome in the Section. I will liaise with local company executives to ensure their engineers are aware of upcoming STS events, get their input on what STS could do in the area of continuing education, and determine employment opportunities at their companies for dissemination to STS membership.

أرامكو السعودية
Saudi Aramco



9:25AM

**PIONEERING ADVANCES IN RESEARCH
TO SHAPE THE FUTURE OF ENERGY**

5:25PM

**PIONEERING UNCHARTED
TERRITORY BENEATH THE WAVES**

RESEARCH & DEVELOPMENT PROFESSIONALS

Join a multidisciplinary team of R&D professionals providing research and consulting services at Saudi Aramco. Work on a wide range of R&D pursuits. Utilize state-of-the-art facilities to develop groundbreaking technologies in petrochemical areas using hydrocarbon as feedstock. Investigate advanced petroleum fuel formulations for next-generation combustion engines. Analyze properties of reservoirs using nano-scale robots. (Resbots™). Collaborate with leading scientists at the Saudi Aramco Research & Development Center and around the world through its global R&D network. Beyond work, enjoy a flexible schedule that offers a chance to explore the wealth of activities in Saudi Arabia. Saudi Aramco provides a work-life balance and a chance to do it all.

Visit us at the AIChE Annual Meeting.

DREAM BIG at www.Aramco.Jobs/AIChE

Upcoming Events Information

2016 Offshore Technology Conference – Head's Up! The 2016 OTC will take place May 2 to 5 at NRG Park, Houston, Texas. Volunteers will receive 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.)

More information will be provided in early 2016. For any questions, contact Tom Menn at thomasmenn@SBCGlobal.net.

PE Refresher Course

The STS-AIChE & the University of Houston will sponsor a Chemical Engineering Professional Engineering Review Course, Spring of 2016.

Exam Dates in 2016 are April 15, October 28

The course will be held at UH from 4:00 to 7:00pm on Friday afternoons beginning January 22 through April 8. The cost for the course (not including books) is \$875 for non-members, \$650 for members of both National AIChE and STS-AIChE. We have continued to update the curriculum based upon feedback from the students over the past three course offerings.

Contact Dale Embry at dale.l.embry@member.aiche.org or 832-815-1552 for more information.

Texas Board of Professional Engineers ([TBPE](#))

National Council of Examiners for Engineering and Surveying ([NCEES](#)):

Books used in the course: Study Materials can be found at <http://ppi2pass.com/> & www.ncees.org

Chemical Engineering Reference Manual for the PE Exam ISBN-10:1-59126-007-8

NCEES PE Exam Chemical Sample Questions and Solutions ISBN:978-1-932613-52-0

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

The STS-AIChE Season Pass for the 2016 technical monthly dinner meetings is being offered for **\$149**. Please visit the STS-AIChE website to sign-up (<http://sts.aiche.org/content/2016-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 2016 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 web site 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 Season Pass

2016 STS-AIChE Patrons

Name	Affiliation
Gus Georgetown	Stress Engineering Services
George Redd	S&B Engineers
Justus Hendrickson	SNC Lavalin
Mark Demark	Houston Community College
Matthew Kolodney	TCEQ

2015 STS-AIChE Patrons

Name	Affiliation
Vic Edwards	Consultant
Larry Chriswell	Fluor
G Duane Vourazeris	Air Liquide Industrial U.S. LP
James Turner	Fluor
Dale Embry	ConocoPhillips
Trevor Rice	Chemstations, Inc
Yurika Diaz	Chemstations, Inc
Gary Gildert	Johnson Matthey
Temitope Ajala	Fluor Corporation
Aiying Li	Fluor
Tom Rehm	TERehm Consulting LLC
Carol Schmidt	SGL
Kelly Richardson	
W. Paul Waits	S&B Engineers
Syamal Poddar	Poddar & Associates
Gus Georgetown	Stress Engineering Services
George Redd	S&B Engineers
Justus Hendrickson	SNC Lavalin
Mark Demark	Houston Community College
Matthew Kolodney	TCEQ

LEARN TO RESOLVE COMMON HEAT EXCHANGER PROBLEMS

HTRI, a leading source of process heat transfer technology and the premier provider of heat exchanger training, is offering a two-day course on February 1 and 2, 2016 for engineering students and engineers new to the workforce. Located at our headquarters near Houston, Texas, the course discusses selection criteria for common applications, guidelines for thermal design, and checklists for solving thermal design and operational problems.

- **Process Heat Exchangers: Applications, and Rules-of-thumb Short Course**
- **February 1 – 2, 2016 at HTRI headquarters located in Navasota, TX, USA**
- **Register at www.htri.net by January 20**

Students will tour HTRI's multimillion dollar testing facility and receive a copy of the course reference book, *Process Heat Transfer: Principles, Applications, and Rules of Thumb*, by Robert Serth and Thomas Lestina, HTRI Vice President, Engineering Services.

HTRI
www.htri.net

Awards

It's Awards Time!

It is once again time to nominate an STS member for the 2015 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 2015 Awards Nominations must be received by May 1, 2016!

South Texas Section – AIChE 2015 Annual Awards Nomination Form (page 1 of 2)

THIS NOMINATION FORM MUST BE RECEIVED BY MAY 1, 2016 TO BE ACCEPTED!

Mail the completed form to:

Thomas E. Menn
Awards Chair
P. O. Box 458
Pearland, Texas 77588-0548

Or Ryan Stephens, PhD
Best Papers Judging Chair
Shell Global Solutions (US) Inc.

Technology Center
3333 Highway 6 South
Houston, Texas 77082

Or Matt Christiansen, PhD
Best Papers Judging Co-Chair
Shell Projects and Technology

Tel.: 281-485-3719

ThomasMenn@SBCGlobal.net

Tel.: 281-544-8447

Ryan.Stephens@shell.com

Tel: 281-544-6476

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.)

2015 STS Outstanding Young Professional Award (*Under age 35*) _____

2015 STS Distinguished Service Award (*Over age 35*) _____

2015 STS Best Fundamental Paper Award _____

2015 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.

South Texas Section – AIChE 2015 Annual Awards Nomination Form (page 2 of 2)

Please enter the name of the 2015 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:

	<u>MEMBERSHIP</u>	
	<u>AICHE</u>	<u>STS</u>
Note: At <u>least</u> one (1) author must be a STS Member.		
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, 2016 in order to be eligible for the recognition due a STS – AIChE Member Best Paper Award Recipient.

K12 Volunteer Opportunities

AICHE and STS are working to start up K12 outreach programs. We are encouraging STS members to attend various local outreach events and report back to STS and AICHE on their experience. We are encouraging STS members to report back to Matt Kolodney (mkolodne@tceq.state.tx.us) with one-page descriptions of their K12 outreach experiences, what worked well and what didn't. These will be reviewed locally and passed on to the AICHE National K12 program. Some local K12 opportunities are listed below.

HUNSTEM web site: <http://hunstem.uhd.edu/> Already has a wide range of educational resources for use by interested teachers and volunteers. AICHE (national) is encouraging cooperation with organizations such as HUNSTEM.

IEEE http://www.ieee-houston.org/Committees/SAC/Brochure_IEEE%20Houston_7_Oct_2007.pdf This ongoing Houston Area program assists local schools with teacher training demonstrations.

SEFH <http://hunstem.uhd.edu/SEFH/> Science and Engineering Fair of Houston

Houston Museum of Natural Science (<http://www.hmns.org>) has ongoing outreach programs and could use more volunteers.

The Houston Children's Museum (<http://www.cmhouston.org>) also has outreach programs.

For more information, contact Matt Kolodney (713-471-8956) or mkolodne@tceq.state.tx.us.

PE PHD Hours Qualified!!

The Texas Board of Professional Engineers (TBPE) will allow up to 3 continuing education hours per year for K-12 outreach activities, but only under certain circumstances. The STS K-12 coordinator checked this with the TBPE staff in Austin. STS-AICHE sponsors K-12 outreach presentations to high school classes (career day for example), science fair judging, explaining engineering careers to teachers (who will pass the information on to students), sponsored tours for students and teachers at OTC, and one-on-one counseling of students. TBPE prefers a certificate from the sponsoring organization (such as STS) explaining what was done, stating the number of PDH hours, and certifying that the engineer actually participated. If you participate in an STS-AICHE K-12 outreach event and want PE PDH credit, the STS will provide the certificate.

Call for Volunteers Official Greeters

The STS is looking for two volunteer official greeters, one a young professional and one chronologically mature. Their goal is to greet first-time attendees (or members who haven't attended for a while) of monthly meetings, to help them feel comfortable and welcome, tell them a little about the STS and the meeting, and to introduce them, as needed, to our regular attendees. We are looking for volunteers who:

- Frequently attend monthly meetings (arriving by would help)
- Get along with most people
- Are reasonably acquainted with the STS-AICHE and its members, though we can help with that will briefly point out a potential benefit or two of active involvement in STS-AICHE

Our monthly meetings occur on a Thursday after work, and may already have put in a 40+-hour week. An ideal volunteer would enjoy dealing with new attendees and would become energized rather than tired out by dealing with people they don't already know well.

More Volunteer Opportunities

In STS-AIChE, we have an opening for a K-12 volunteer. Instead of you having to reinvent the wheel, we can help you with any of the following:

- Advice on how to get started productively;
- The opportunity to attend K-12 events of other organizations, in order to learn how to conduct an AIChE K-12 outreach event;
- Networking opportunities to get contacts in local school systems;
- Assistance in recruiting STS volunteers;
- Conducting intersociety activities to help your programs reach critical mass;.
- Help in conceiving and developing a K-12 outreach program suitable for STS-AIChE to lead.
- Opportunities to develop and practice your interpersonal skills and to learn and practice leadership

STS Membership Committee Members seeking members who would be interested in some or all of the following:

- Identify the varied opportunities for STS volunteers
- Greet first-time attendees—help them feel welcome introduce them to other STS members
- Contact them periodically—encourage them to come back
- Encourage them to gradually get involved in STS
- Gradually get to know the new members first-timers and their interests
- Suggest STS volunteer activities that interest them & help them grow
- Encourage them to practice their leadership and their project management skills in service to the STS
- A great opportunity to develop your people skills & leadership skills by helping develop those capabilities in the STS and its members

Volunteer opportunity helping represent STS-AIChE at ECH (Engineering, Science, and Technology Council of Houston): Seeking a volunteer who would like to network with and learn from members of other professional societies, develop leadership skills, and help provide broader volunteer opportunities for STS members. Options include:

- Work with ECH councilors from other local engineering and science, societies, as well as officers of the other member societies;
- Learn how they run their organizations, and bring some of their ideas back to STS-AIChE
- Participate in intersociety workshops on technical issues that affect the Greater Houston Area
- Get involved in the organization of the regional science fair;
- If you are interested in a particular type of volunteer activity, we'll help you organize intersociety activities in that area
- If you're a YP, we can help you organize intersociety YP events that STS-AIChE doesn't have the critical mass to conduct on our own;
- Your learnings from ECH could be very helpful to you as a future manager at work or as a future leader in STS and AIChE

If you are interested, or would like further information, contact: Matt Kolodney, STS Volunteer Recruiter at (713-471-8956) or matthew.kolodney@tceq.state.tx.us

South Texas Section to Initiate Company Liaison Program

The South Texas Section (STS) of AIChE is implementing a Company Liaison Program. Carol Schmidt (STS Past Chair) is heading up the initiative.

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

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.

The intent is for the Past Chair to maintain the program on an ongoing basis.

For more information, or to sign up as your company's STS-AIChE liaison, contact **Carol Schmidt** at

sts-pastchair@aiche.org.



South Texas Section AIChE

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2015 Officers and Contact Information

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John Middleton
Paul Tripathi

Awards: Tom Menn

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Young Professionals: Chaitanya Gottimukkala
sts-yp@aiche.org

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 2015

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://www3.aiche.org/MemberMail/redirect.aspx>

To update your information, log in, then select [Member Directory](#).

Select the link to [View/Update Your Online Directory Listing](#).

Contact the New York office for PERMANENT ADDRESS CORRECTIONS:

 xpress@aiche.org
 1-800-AIChemE (1-800-242-4363)
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New York, New York 10016-5991

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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