



Meeting At-A-Glance

- Location: Aramco
- 3 Workshops @ 5:30 pm
- Networking 6-7 PM
- Dinner at 7 PM
- Speaker at 8 PM

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Monthly Meeting January 10, 2008

Location: Aramco Services Building

Six Steps to Troubleshooting a Hydrogenation Catalyst Bed Speaker: Gary Gildert, Executive VP of Custom Catalytic Solutions, Inc.

Abstract: Catalysts are essential in oil refining and in the production of petrochemicals. In a typical refinery, each crude oil fraction passes through two to six different catalyst beds in the transformation to gasoline, diesel, or petrochemical feedstock. At least one of these catalyst beds contains hydrogenation catalyst. Additional catalyst is required to convert hydrocarbon feedstocks to refined petrochemicals. Comprehensive troubleshooting can rapidly turn "issues" and "opportunities for improvement" into years of profitable, trouble-free operation.

This talk outlines the six basic steps in troubleshooting a hydrogenation catalyst bed: mass balance, heat balance, impurity impact, hydraulics, catalyst volume, and blame the catalyst.

Bio: Gary Gildert received his Bachelor of Applied Science (Ch.E.) from the University of Waterloo in 1981 and his Masters of Business Administration from Rice University in 2005. He is a registered professional engineer in Ontario, Canada (1986) and Alberta, Canada (1990) and a member of AIChE since 1997. He is an internationally recognized expert in hydro treating with 24 patents, over 40 publications, and numerous international presentations.

Mr. Gildert started his career with Petrosar (Polysar, Novacor Chemicals) in operations support and process design for 10 years in Ontario and two winters in Alberta, Canada. He continued his work in distillation and hydrogenation technology at Chemical Research and Licensing (CDTECH) in Houston, TX as the process development manager for their emerging hydrogenation technology. After eight years of R&D, Mr. Gildert joined Süd-Chemie Inc. as Regional Sales Manager with sales in the US Gulf Coast and technical support globally for olefins purification catalysts. Shortly after earning his MBA from Rice, he co-founded Custom Catalytic Solutions, where he is responsible for marketing, sales, technical service, finance, etc.



Custom Catalytic Solutions, Inc. (www.customcatalytic.com) manufactures high-quality, custom catalysts for the chemical process industry while maintaining an environmentally friendly facility and operating process. The new manufacturing plant is strategically located in Pasadena, Texas, providing ready access to Gulf Coast refineries and petrochemical producers. Their business model ensures that the chemical processing industry will have access to varying quantities of catalyst, quickly, at competitive prices.

Mr. Gildert will also present the PE/PO Workshop, Seven Steps to Specifying a Hydrogenation Catalyst Bed. Come early!



Workshop Details: Workshops begin at 5:30 PM

Process Engineering/Plant Operations (PE/PO): The Seven Steps to Specifying a Hydrogenation Catalyst Bed

Speaker: Gary Gildert, Executive VP of Custom Catalytic Solutions, Inc.

Abstract: Catalysts are essential in oil refining and in the production of petrochemicals. In a typical refinery, each crude oil fraction passes through two to six different catalyst beds in the transformation to gasoline, diesel, or petrochemical feedstock. At least one of these catalyst beds contains hydrogenation catalyst. Additional catalyst is required to convert hydrocarbon feedstocks to refined petrochemicals. Specifying the right catalyst bed can mean the difference between years of profitable, trouble-free operation and continuously dealing with “issues” and “opportunities for improvement.”

This workshop outlines the seven basic steps in specifying a hydrogenation catalyst bed: performance specification, process configuration, catalyst selection, mass balance, heat balance, catalyst volume, and reactor diameter.

Bio: Gary R. Gildert has worked in the hydrocarbon processing industry for 25 years in plant operations, capital projects, R&D, sales, and technical support. He is an internationally recognized expert in hydro treating with an impressive record of patents, publications, and international presentations. He is a co-founder of Custom Catalytic Solutions, a new catalyst company located in Pasadena Texas.

Custom Catalytic Solutions, Inc. (www.customcatalytic.com) manufactures high-quality, custom catalysts for the chemical process industry while maintaining an environmentally friendly facility and operating process. The new manufacturing plant is strategically located in Pasadena, Texas, providing ready access to Gulf Coast refineries and petrochemical producers. Their business model ensures that the chemical processing industry will have access to varying quantities of catalyst, quickly, at competitive prices.

Environmental: Resource Exchange Network for Elimination Waste (RENEW)

Speaker: Danielle L. Doss, TCEQ Engineering Specialist

Abstract: The Texas Commission on Environmental Quality (TCEQ) maintains the Resource Exchange Network for Elimination Waste (RENEW), a waste exchange program which is a marketing channel for industries, businesses, and government units that have or want to sell surplus materials, by-products, and wastes to users who will reclaim or reuse them as a feedstock. The presentation will include an internet demonstration of RENEW.

Since RENEW's inception in 1988, it has assisted in the successful exchange of 916 million pounds of material, saving participating firms more than \$15.9 million in avoided disposal costs, while helping them earn \$11.3 million from the sale of materials.

Bio: Danielle L. Doss is an Engineering Specialist with the Texas Commission on Environmental Quality (TCEQ) and has been with the agency for over four years. She recently joined the Pollution Prevention and Education Section, which consults with local industrial plants that volunteer for this service. They conduct an audit and inspection of the plant, and any violations found will not be cited, provided they are corrected in a timely manner. They also advise the plant on minimization of energy use and waste generation.

Until recently, Ms. Doss worked in the Air Division as an Investigator, conducting a variety of investigations. She also participated in the initial implementation of Infrared Camera Surveillance projects in the State. Prior to her work with the TCEQ, she worked for the Louisiana Department of Environmental Quality in the Remediation Services Division. Mrs. Doss holds a degree in Toxicology from the University of Louisiana at Monroe.

Process Safety: Implementation of DHS' Chemical Facility Anti-Terrorism Standards

Speaker: David Moore, AcuTech Consulting Group

Abstract: The Department of Homeland Security (DHS) promulgated “interim final regulations” for the security of certain high risk chemical facilities in the United States early in 2007: the Chemical Facility Anti-Terrorism Standards (CFATS) regulation (6 CFR Part 27). Based on this standard, facilities that have certain chemicals in quantities above a given threshold have to register with DHS, provide detailed information about their inventories and security plans for them, and among other things, conduct a Security Vulnerability Analysis (SVA). Appendix A (list of chemicals and quantities) of the CFATS was published in the Federal Register on November 20, making it obligatory for petrochemical facilities to register and provide the DHS their first information (Top Screen) by January 20, 2008.

An overview of CFATS will be presented, as well as a discussion of the implementation of this regulation, for which compliance is both risk-based and performance based.

Bio: David Moore is president and CEO of the AcuTech Consulting Group, a process safety and security consulting firm based in Alexandria, VA. Mr. Moore was the lead author of CCPS® “Guidelines for Managing and Analyzing the Security Vulnerabilities of Fixed Chemical Sites”, the security guidelines for API, and the API/National Petrochemical and Refiners Association Security Vulnerability Assessment Methodology. He served as a subject matter expert to advise the DHS on chemical security, including CFATS. He has been a process safety consultant for twenty years and was formerly a Senior Engineer with Mobil Corporation in Princeton, NJ; and a Fire Protection Engineer with NFPA. He has an MBA (NYU-1987), and a B.Sc., Fire Protection Engineering (University of Md.-1979) and is a registered professional engineer.

Meeting Registration Information

Pre-register for the monthly meeting at:

<http://sts-aiche.org/register.php>.

Reservations are accepted until 4 pm the Tuesday of meeting week.

You may also **cancel a reservation** using this link. Please cancel your reservation if you have made one and find that you are unable to attend.

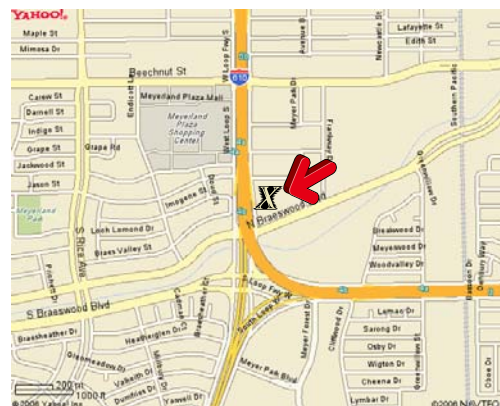
The cost for this meeting, per person, is:

	<u>Pre-registered</u>	<u>At the door</u>
Regular/Retired	\$25	\$35
Student/Unemployed	\$15	\$25

Meeting Location - Aramco Services Building

The January meeting will be held at Aramco Services Building. To use your own mapping program for directions, the address is 9009 West Loop South, Houston, 77096.

Click on the map to open the map site.



Attendees of the meeting will earn 1 PDH for the Texas Professional Engineer Continuing Education Programs. Remember to track your hours!

Pre-Registration Procedure

As of November 2007, the pre-registration procedure for our monthly meetings has changed. For the full policy, please see Page 4.

The web address for meeting preregistration is <http://www.sts-aiche.org/register.php>. This will confirm that registration is still open, and direct you to the proper page. Preregistrations will be accepted until 4 pm on the Tuesday of meeting week.

While preregistration is open, you can Preregister or Cancel a preregistration. When you preregister, you must prepay with a credit or debit card (V/MC/AmEx/Discover). You will be taken to our credit card acceptance policy, which you must accept to proceed. After selecting your registration type and details, you will be taken to our new Online Store to review your order before Checking Out. You will provide an email address that will ONLY be used to send you a receipt for your transaction. This will NOT sign you up for our newsletter email distribution.

ExComm Meetings for 2008

The coming year's Executive Committee meetings are tentatively scheduled for:

January 16	September 10
February 13	October 8
March 12	November 12
April 16*	December 10
May 14	

*April's meeting may be cancelled due to the Spring National Meeting.

Come see how the section is run! Anyone is welcome.

January's ExCom meeting will be at **Café Ko** from 4:30 pm to 7:00 pm. Café Ko is located at 12740 I-10 East Freeway (713-455-0060).

<http://www.cafeko.com>.

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The South Texas Section's Meeting Prepayment Policy

Beginning with the November 2007 meeting, all meeting pre-registrations will require payment with a credit or debit card. The meeting pre-payment policy is as follows:

- **All pre-registrations for dinner meetings will require prepayment with credit card.** This decision was made based on the overwhelming response we received during the summer survey. Nearly all respondents stated they would prepay for meetings using credit cards.
- We accept Visa, MasterCard, American Express, and Discover.
- If you do not wish to prepay with a credit card, payment of the higher fee at the door is accepted in the form of cash or check. Credit cards will not (yet) be accepted at the door.
- No refunds will be provided.
- If you have prepaid for a meeting and do not attend, the payment is forfeited.
- If you have prepaid for a meeting and find that you cannot attend, you may transfer your meeting payment to another person. In this case, you must print your email receipt and write a short note stating that you allow your designee to attend in your place. The designee must be specifically named. You must sign this receipt and the designee must bring it to the meeting. *Any payment exchange for this transference will be solely between you and your designee.*
- Cancellations after 4 PM Tuesday of meeting week will forfeit the payment. We are required to provide a guaranteed number of dinners 48 hours prior to meeting time, and we must pay for all those guarantees.
- If you must cancel after you have prepaid due to extenuating circumstances, please contact the Chair or Chair-Elect. You may be allowed to apply your payment to a future meeting, within 3 meetings of the cancelled meeting. If the payment is not applied within the 3-month allowance, it is forfeited. This allowance may be carried over the non-meeting summer months. Approval is at the Chair/Chair-Elect's discretion. You may reach them at chair@sts-aiche.org or chair-elect@sts-aiche.org.
- A receipt of your transaction will be provided to the email address provided when you Check Out. You may print it and bring it to the meeting, but it is not required.
- You will be required to sign in at the meeting to verify that you did attend.
- You may sign up more than one person per charge.
- **The address used to verify your credit card MUST match the address on that credit card's statement. Otherwise, your credit card charge may not be approved.**

We hope that our new policy makes it easier for you to pay for meetings and takes care of some of the congestion at the sign in desk.

For questions, comments, and problems, please contact creditcards@sts-aiche.org.



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2008 STS Officers

Congratulations on our *new* 2008 officers!

Chair	Dave Silarski, Advanced Aromatics	chair@sts-aiche.org
Chair-Elect	Todd Willman, Epcon International	chair-elect@sts-aiche.org
Past Chair	David Karesh, Jacobs	past-chair@sts-aiche.org
Secretary	Jasmine Lee, Chemtech (Siemens)	secretary@sts-aiche.org
Treasurer	Shane Tierling, KBR	treasurer@sts-aiche.org
Position 1—Education	Chris Knudsen (Workshops)	position1@sts-aiche.org
Position 2—Outreach	Michael Pishko, TAMU	position2@sts-aiche.org
Position 3—Communications	Sam Pathak, GE	position3@sts-aiche.org
Position 4—Human Resources	Pete Belmonte, ENSR AECOM	position4@sts-aiche.org

Our Workshop Chairs:

CAST (Computer and Systems Technology)	Todd Willman, Epcon	tjw@epcon.com
ENVIRON (Environmental Issues)	Alessandra Carreon, ENVIRON Int'l Corp	alessandra.r.c@gmail.com
PEPO (Process Engineering / Plant Operations)	Steve Haynie, Equistar Chemical	steve.haynie@equistarchem.com
PSM (Process Safety Management)	Jack Chosnek, KnowledgeOne	jc@knowledge1.net

If you have an idea or would like to present at either a workshop or a dinner, please contact the appropriate person.

For meetings, contact arrangements@sts-aiche.org.



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Our New Officers

Welcome to our new 2008 officers. Thanks to all those who voted! This is **your** organization, after all!



Chair-Elect: Todd Willman, Director of Development & Engineering for Epcon International

Supports the South Texas Section's vision of providing opportunities for chemical engineers to interact professionally through timely programs for engineering technology, safety, and environmental education on a local level.

Professional Experience: 25 years at EPCON International developing fluid flow software, simulation software, and thermo-physical properties software for chemical engineers working in the chemical and petroleum industries, currently in the role of Director of Development and Engineering. Was active in the transformation of the Design Institute for Physical Properties to a positive cash flow Industrial Technology Alliance for AIChE as part of a 4-member Strategic Planning Committee that rewrote the DIPPR bylaws. In cooperation with Shell Global Solutions, helped develop and manage a practical fluid flow simulation modeling service to improve plant reliability, safety, and profitability. Holds three patents for process engineering software and has co-authored several papers on the practical application of fluid flow technology to solve root-cause process plant problems.

Education: BS Chemical Engineering (Miami University) and Master's of Industrial Management (Georgia Institute of Technology); Registered Professional Engineer, TX



Secretary: Jasmine Lee, Process Engineer with Chemtech (Siemens)

AIChE has been an instrumental part in my chemical engineering life for five years. Since graduating, STS-AIChE has helped me build professional contacts, continue my engineering education, and meet great friends. I hope that my role on the Committee will help create the same positive experience for more young professionals and chemical engineers of all experience levels.

Professional Experience:

Chemtech: A Siemens Company (May 2006-Present); Process Engineer working on varied oil and gas projects

Education:

BS Chem E, University of Texas at Austin

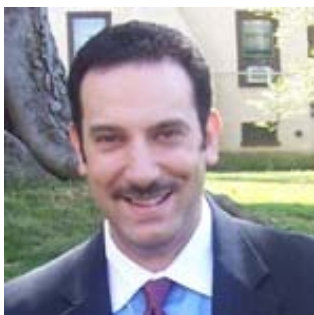
BA Biochemistry, University of Texas at Austin



Position 2: Outreach: Michael Pishko, Ph.D., Unocal Professor and Head Department of Chemical Engineering, Texas A&M University

Michael Pishko is the Unocal Professor and Head of the Department of Chemical Engineering, Texas A&M University. Prior to joining the faculty at Texas A&M, he held the rank of Distinguished Professor at Penn State University from 2001 to 2007.

He received his B.S. and M.S. in chemical engineering from the University of Missouri-Columbia and his Ph.D. in chemical engineering from the University of Texas at Austin. He also received postdoctoral training at the Massachusetts Institute of Technology.



Position 4: Human Resources: Pete Belmonte, Sr. Regional Program Manager at ENSR | AECOM

It is important that the STS continue to meet the needs of their members both professionally and personally. As a member of the CEOC and Working Group #6, I will work on bringing initiatives, such as Sustainability, of National to the forefront of the STS as we are the largest section of AIChE.

Professional Experience:

Pete Belmonte is Sr. Regional Program Manager at ENSR | AECOM based in Houston where his responsibilities include business development and program management in the Energy sector nationally and in the industrial sector in the South Central region.

Prior to that he was with Suez Energy headquartered in Houston since 2002 where he was responsible for managing the environmental affairs of the company's power operations in the United States, Canada, and Mexico, including those in construction or development, representing a capacity of more than 5,538 MW of electricity generation.

Pete's work history also includes Senior Environmental Engineer for Trigen Corporation based in New York, HDR Engineering in NY, BE&K Environmental in NY and USEPA in the Air Superfund division of Region 2.

Education:

BS and MS in Chemical Engineering from Manhattan College

Petticoats and Slide Rule Exhibit, sponsored by SWE

The Society of Women Engineers – Houston Area is proud to host the special historical exhibit “Petticoats and Slide Rules: SWE, A History of Women Engineers” during the first five months of 2008.

The exhibit pays tribute to trailblazers and pioneers, from before the “blue jeans” era to the present. The exhibit is an “interactive” history featuring materials from the SWE historical collection at the Reuther Library located at Wayne State University. Photos, videos, interviews and artifacts highlight over five decades of promoting equal opportunity for women in engineering, as well as inspirational stories of women who “paved the way” for future generations.



While the Petticoats and Slide Rules Exhibit is in Houston, a display which includes pictures and stories of local engineers will be included to highlight the reality and impact anyone and everyone can make.

When and Where

The exhibit will be in the Houston area and shared with the community from late January to mid May. Since the final locations and details are still being coordinated, the tentative schedule is as follows.

January 24, 2008 – Opening debut

Where: The Aquarium at 4100 Babgy Street, Houston

Who: Sponsors, engineers, SWE members

Time: 6:00 pm to 8:30 pm

Speaker: Dr. John H. Leinhard

Author and voice of *The Engines of Our Ingenuity*

MD Anderson Professor Emeritus of Mechanical Engineering and History at the University of Houston

Voice on KUHF 88.7 FM in the Houston area spreading the word on engineering.

February 2008 – University of Houston

March 2008 – Space Center

April 2008 – Rice University

May 2008 – Various Exhibit Sponsors

Why

The Petticoats and Slide Rules exhibit is meant to inspire and educate future generations about the changing roles of women in the engineering profession. From Emily Roebling's work on the construction of the Brooklyn Bridge in the 1880s, to former U.S. astronaut Dr. Sally K. Ride's pioneering 1983 flight into space, women have participated in American science, technology and industry for over one hundred years. Yet, historically, the number of women in the engineering profession has been significantly low. Since its founding in 1950, the Society of Women Engineers (SWE) has grown in size and stature, challenged stereotypes, and contributed to the engineering profession in many ways. The intent of this exhibit can be summarized as follows.

To encourage young women to consider pursuing careers in engineering

To provide community outreach

To celebrate previous accomplishments

Many of today's common technologies were engineering marvels just a few years ago and both men and women have accomplished amazing feats in engineering. The purpose of this exhibit is not only to celebrate the accomplishments of women in engineering but also to highlight the progression of engineering and the contributions to modern society that have been made by engineers.

In today's society the need for engineers is great, however many children and adults in our society are not aware of what engineers do or their past contributions to society. Since many first generation college students have never been exposed to engineering, the intent of this exhibit is to expose students of all ages to the field of engineering and highlight previous accomplishments. The exhibit also reminds viewers of the progression of technology and the involvement of engineers.

For over 50 years, SWE has stood behind a diverse engineering workforce and the idea that women CAN be engineers. That mission continues today with a membership of more than 15,000 individual professionals and students from 22 countries. SWE has more than 300 student sections and nearly 100 professional sections organized into 10 geographic regions.

Applications of Heterogeneous Catalysis

A five-day short course "Applications of Heterogeneous Catalysis" will be given by the Department of Chemical and Biomolecular Engineering at the University of Houston on May 12-16, 2008 (<http://www.chee.uh.edu/course/catalysis/>).

The course is designed to match the needs of industrial chemists and chemical engineers engaged in the practice of heterogeneous catalysis, either as beginners or individuals who are experienced in certain areas but wish to acquire an overview of the field. Although research methodology is included, the emphasis is on applications. The course has been given fifty-nine times in Houston since 1971, fifteen times at various locations in Europe, and adapted many times for in-house courses at major companies, and many companies routinely use for training new personnel.

For more information and registration material, contact Professor James T. Richardson at jtr@uh.edu.



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Vital Links

- South Texas Section website: <http://sts-aiiche.org>
- National AIChE website: <http://www.aiiche.org/> (Needs Flash Plug-in)
- Earn CEP credits at AIChE functions: http://www.sts-aiiche.org/Texas_PE_CEP_Rule.html
- Download the CEP log form: http://www.sts-aiiche.org/STS-AIChE_CEP_Log.xls
- Previous Newsletters (PDF format): <http://sts-aiiche.org/newsletterArchives.htm>
- Link to THIS newsletter: <http://sts-aiiche.org/newsletter/news2008/news0108.pdf>

Volunteer to help science/math teachers in your school district!

The IEEE (Institute of Electrical and Electronic Engineers) currently has an initiative for the [Teacher In Service Program \(TISP\)](#) and is holding separate workshops on [January 12, 2008](#) or [February 2, 2008](#) on the campus of University of Houston, University Park. You may attend any one of these sessions. Each session should last about 6 hours, from around 8:30 am to around 3:30 pm, including lunch. IEEE will provide lunch and snacks at NO COST to attendees. [There is no charge to attend the workshop.](#)

They are interested in engineers/scientists to participate in these workshops. The idea is to expose/train volunteers so that as our program expands into the individual school districts, they will have a slate of volunteers to work with these school districts. Our goal currently is to have about 80% teachers/educators and 20% of engineers/scientists in the workshops.

For information about the lesson plans TISP has available for use by teachers throughout the world, visit the website <http://tryengineering.org/home.php>. These lesson plans can be adapted by not just science/math teachers but teachers K – 12, in particular in the elementary grades.

Please register online for the session you would like to attend. IEEE will contact those registered at a later date with the details for each session. As space is limited, please register at the website: <http://www.ieee-houston.org/Societies/EduCommittee.htm>.

Also, please feel free to distribute this information to colleagues you know within and outside your school district. The Houston Section of IEEE serves an area from Freeport to College Station, with the exception of the Galveston Bay area.

From the Editor

Welcome to 2008! A new year is always a good time to start fresh, make a clean slate, and set forth accomplishments that you'd like to achieve in the next year. It's not that difficult—just imagine yourself this time next year, being proud of whatever you've done over the previous year. Perhaps it is a physical challenge—lose some weight, get fit. Perhaps it is an educational challenge—go to school or complete a course. Learn something new, do something different, or improve something you are already doing.

Only you can make a difference in your life. You know that—this isn't anything new.

But here's a whole new year for you to do just that.

The STS provides many opportunities for the educational part. Attending meetings or workshops, courses, volunteering, seminars, or getting involved in the organization provide lots of ways for you to either stay current in your field or improve your knowledge in a new area. That is a great thing about chemical engineers—we're so diverse, there's always something new or different we can learn about.

I'm biased, of course—being involved with the STS has taught me many things and allowed me to accomplish goals year after year. I think getting involved in the organization provides many benefits to our careers and ourselves. Last summer, our survey indicated you'd like some of those too. Be assured we are working to achieve our members' needs. Keep letting us know what those are. This newsletter contains contact information for all officers, workshop chairs, and newsletter people. Questions, comments, ideas, suggestions, and submissions are always welcome.

Have a great year!

Susan Cannon, Editor

SusanCannon119@aol.com



South Texas Section AIChE

South Texas Section
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2008 Officers and Contact Information

Officers

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chair@sts-aiche.org

Chair Elect Todd Willman, Epcon International
Chair-elect@sts-aiche.org

Past Chair David Karesh, Jacobs Engineering
Past-chair@sts-aiche.org

Secretary Jasmine Lee, Chemtech
secretary@sts-aiche.org

Treasurer Shane Tierling, KBR
treasurer@sts-aiche.org

Executive Committee

Position 1: Education
Chris Knudsen
position1@sts-aiche.org

Position 2: Outreach
Michael Pishko, TAMU
position2@sts-aiche.org

Position 3: Communications
Sam Pathak
position3@sts-aiche.org

Position 4: Human Resources
Pete Belmonte, ENSR | AECOM
position4@sts-aiche.org

Volunteers

Arrangements Richard Newman, Criterion Catalysts

Membership Jerry Gresham, Gresham & Gresham

Young Professionals Hui Zhao, KBR

Awards Tom Menn

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 2008

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

1. Increasing awareness of the South Texas Section of the AIChE
2. Improving relevancy of our programs
3. Improving our governance
4. Hospitality/Welcome/Social

The South Texan is issued monthly, except June, July and August, by the American Institute of Chemical Engineers, South Texas Section. Opinions expressed are those of the authors and not of AIChE. The newsletter is published electronically.

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—— MAINTAIN YOUR CONTACT INFORMATION WITH STS ——

Maintain your contact information with the South Texas Section using the online community:

<https://www.memberconnections.com/olc/pub/CHM/>

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@aiiche.org



1-800-AIChemE (1-800-242-4363)



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The South Texan Newsletter Crew

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

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

Newsletter Editor

Susan Cannon
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Houston, TX 77002
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SusanCannon119@aol.com

Submit an article! Contact:

Matt Kolodney
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5425 Polk Avenue, Suite H
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