



Monthly Meeting November 3, 2011

Central Location: Pelazzio Banquet Hall, Houston (Social Hour at 6 PM, Dinner at 7 PM)

Satellite Location: Rico's Mexican Grill, (Sawdust Rd location in The Woodlands) Meet David Rosenthal, AIChE's New President, during our Social Hour at 6 PM; Dinner at 7 PM, Technical program at 7:45 PM

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**This month's meeting is sponsored by Fluor. Thanks for your sponsorship!**

## **Subsea Processing - RPSEA Project 09121-3100-01**

Dinner Speaker: Timothy Daigle, Fluor

**Abstract:** The presentation will review the current status of developments related to Subsea separation of oil, gas and water with particular emphasis on RPSEA Project 09121-3100-01 concerning separation and disposal of produced water completely subsea. Status of several subsea processing schemes will be discussed including recent regulatory issues concerning disposal of water to the ocean. The RPSEA project will be described and the latest results and planned future work will be presented.

**Bio:** Tim Daigle is a senior project engineer within the Subsea Engineering Group of Fluor Offshore Solutions. He is currently splitting his time as the project manager for the RPSEA DW3100 Study, Seabed Discharge of Produced Water and/or Solids and as Interface Manager for the BG Starfish FEED Study. He is focused on subsea multiphase metering, subsea control systems, subsea processing and separation and produced water treatment, as well as flow assurance.

With a Bachelor of Science in Industrial Technology from the University of Louisiana at Lafayette, he now has 19 years of oil and gas industry experience, primarily with PVT sampling and analyses and well testing using multiphase flow meters. He played a significant role in helping to introduce the multiphase metering technology to the oilfield. He has held an advisory board member position for the last seven years with the Multiphase Measurement Roundtable and is a founding advisor for the North American Flow Measurement Workshop. He currently serves on the advisory committee for the 2011 ChemInnovations Conference and was recently named 2010 Author of the Year for the Fluor Corporation.



## December Monthly Meeting—A Social Event



This year we have planned a spectacular December meeting – dinner cruise!! We cordially invite spouses and family to this event. This is a 3-hour dinner cruise starting from Kemah and going over Clear Lake and Galveston Bay. If that's not enough, feast on a delicious menu to choose from our buffet, plus a cash bar for beer, wine and cocktails. There is no better way to start the holiday season than with the STS-AIChE family. The yacht is climate controlled and is surrounded with picture windows to give everyone the best possible views as we sail through. The meeting will be organized by our Young Professionals.

Since the cruise company requires a headcount in advance, we have already opened up the registration process, so hurry, space is limited and the registration closes on November 20 (**no door reservations**). Please see details below:

**What:** Dinner Cruise

**When:** December 1, 2011 (Thursday)

**Time:** 7 – 10 PM (boarding starts at 6:30 PM; yacht leaves the dock at 7 PM sharp)

**Where:** Star Fleet Yachts, 280 Grove Road, Kemah, TX (see map below)

**Price:** \$25 per person for members and their family members

\$35 per person for non-members

(regular price is \$69 per person – sponsored by STS-AIChE). Pre-registration is required, no door pricing.

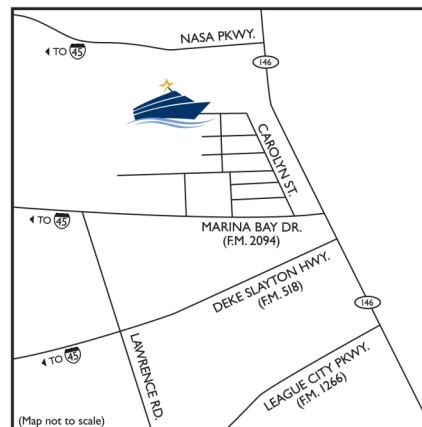
**Registration:** Click here: <http://sts.aiche.org/content/meeting-pre-registration>

**Deadline:** November 20, 4PM (we will not accept reservation after this date, no exceptions!)

### Maps & Directions:

#### From Downtown Houston

Take I-45 South to South 610 headed East.  
Take exit 30B for TX-225 E/La Porte towards Pasadena.  
Merge onto TX-225 E.  
Take the exit to TX-146 S towards La Porte.  
Stay Straight over the Kemah Bridge.  
Take the first right after the bridge on FM-2094/Marina Bay Drive.  
Drive 250 feet and turn right on Carolyn St.  
Carolyn Street dead ends in Star Fleet Yacht's parking lot.



Star Fleet Marina ★ 280 Grove Road ★ Kemah, Texas 77565

**We're on it.**

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*Engineering advanced*

## Workshops begin at 5:30 PM (Workshops are free and open to public)

### Computing and Systems Technology (CAST) Workshop

**Speaker:** Madhusuden Agrawal

**Title:** Applications of Fluid Dynamics and Structural Mechanics Simulation in Offshore and Subsea Processing

**Abstract:** Computational Fluid Dynamics (CFD) and Computational Structural Mechanics (CSM) are extremely powerful tools to provide information and insight to engineers and scientists involved in all aspects of oil and gas industry. This presentation will feature an introduction to CFD and CSM and showcase few examples of CFD and CSM in offshore and subsea processing applications, including separation equipments, gas dispersion and ventilation, fire modeling and smoke movement, blast analysis and structure response, vortex and flow induced vibrations, etc. Computational engineering simulation software is playing an increasingly critical role, enabling virtual prototyping and the capture of new knowledge about the detailed workings of the oil and gas industry. 3D engineering simulation software programs are science-based technologies that complement conventional physical testing and prototyping.

**Bio:** Madhusuden Agrawal is Technical Lead at ANSYS Inc. Mr. Agrawal has 20 years experience in cutting edge industrial-strength CFD/CAE analysis for wide range of applications and he has intimate knowledge of ANSYS's CFD products. Mr. Agrawal specializes in multiphase flow modeling and he is currently based in Houston and serving petroleum, engineering services and process equipments industries. He has a Master's degree in Mechanical Engineering from Indian Institute of Technology, Kanpur.



### Volunteer Manager Needed—Excellent Training Opportunity

The South Texas Section (STS) of AIChE is looking for a volunteer who would like to be trained as a Volunteer Arrangements Manager for the STS-AIChE, pending Richard Newman's retirement. This is an excellent professional development opportunity to obtain management training and experience. Please contact Matthew Kolodney at [Matthew.Kolodney@tceq.texas.gov](mailto:Matthew.Kolodney@tceq.texas.gov) for more information.





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## Meeting Registration Information

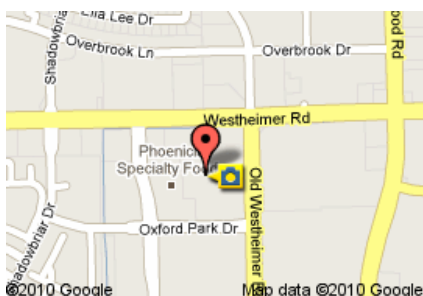
Membership in STS-AIChE is a bargain at \$20/year. If you wish to become a member, you may join at the registration desk at the meeting.

	Pre-Registration Members	Pre-Registration Non-Members	At the door Members	At the door Non-Members
Regular/Retired	\$15	\$20	\$25	\$30
Student	\$10	\$10	\$20	\$20
Unemployed	\$10	\$15	\$20	\$25
North Houston satellite meeting location	\$18	\$18	\$20	\$20

**NOTE:** You have until 4 PM CST on November 2nd to pre-register online. After that, you will be required to pay the higher cost at the door. Pre-registration for the meeting is now open through our website at:

<http://sts.aiche.org/content/meeting-pre-registration>

## Meeting Location—Pelazzio Banquet Hall



This month's meeting will be held at [Pelazzio Banquet Hall](#) (12121 Westheimer Rd, Houston, Texas 77077). Double click on the map to the left for directions from your location. The satellite meeting will be held at the same location as it was in September, [Rico's Mexican Grill](#), (Sawdust location) at 314 Sawdust Rd, The Woodlands, TX, 77380. Double click on the map below for directions. This change allows the meeting to be held in a quiet, private room upstairs. More details are included in the next section.

## North Houston Satellite Meeting Information—Rico's Mexican Grill @ Sawdust Road

Join us without driving too far for some local networking at The Woodlands/North Houston satellite meeting! We have our own social/networking program, and this month we will be joined by David Rosenthal, the incoming President of the AIChE National organization. David will be available to talk informally about future plans for AIChE and to answer questions during the social hour. Alan Rossiter, Past Chair of STS-AIChE, will also be present and available to talk about the local section.

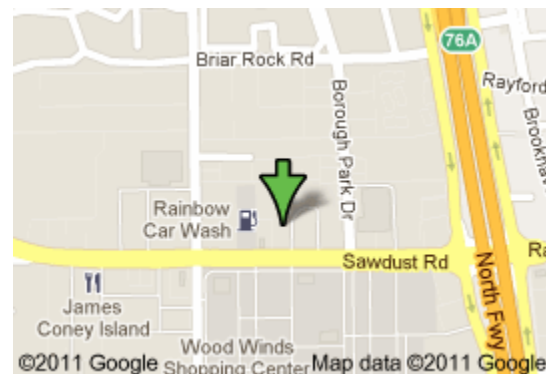
Due to the wonders of modern technology we have access to the great speakers provided by STS. There will be an upgraded audio system for the webcast, to correct the sound problems from our last meeting.

This month's meeting will once again be at Rico's Mexican Grill at 314 Sawdust Rd, The Woodlands, TX, 77380 (<http://ricosgrill.com/locations.php>). On-line pre-registration is available but not required. Advance requests welcome for special meals (i.e., vegetarian) to [cctagoe@yahoo.com](mailto:cctagoe@yahoo.com). Guests are welcome!

### Schedule:

- ◆ 6:00 PM Social hour with live music downstairs and \$2.00 margaritas
- ◆ 7:00 PM Fajita dinner served in private room upstairs
- ◆ 7:45 PM Remote tie-in with STS-AIChE technical program at Pelazzio's
- ◆ \$18.00 in advance/ \$20.00 at the door

All guests are welcome!



## STS AIChE 2012 Officer Elections

Elections are underway for the South Texas Section, American Institute of Chemical Engineers (STS-AIChE) Executive Committee officers with terms starting in January 2012. The open positions are Chair-Elect, Secretary, Position 2 (Outreach) and Position 4 (Human Resources). The ballot form is at the bottom of this page, and you will find candidate bios on the two following pages.

This is a mail ballot form, and it offers the highest level of secrecy for your vote. We have also contacted eligible voters by email to offer confidential email balloting. In addition, a ballot box will be available at our dinner meeting on November 3. **However, you may submit only ONE ballot.**

### Eligibility

In order to vote you must have an AIChE membership grade of "Member" or higher, and also be a member of STS-AIChE. (Currently STS annual dues are \$20, paid in addition to AIChE National dues.)

If you are an eligible member, please vote. Your input is important to STS-AIChE.

### Mailing Instructions (secret ballot):

Please print this ballot, complete it, and mail your completed ballot to:

David Karesh, Chair

Tellers Committee, STS-AIChE

5531 Rutherglenn Drive

Houston, TX 77096

Write your NAME and ADDRESS, as they appear in AIChE records, at the top left side on your envelope. If available, please also write your AIChE Member Number under your address. The Tellers Committee will use this information to validate ballots before opening. Envelopes will be separated from ballots before tallying, allowing for a blind ballot count.

### Deadline for Return

Balloting is scheduled to end immediately following the November 3 STS-AIChE Meeting. However the Tellers Committee may extend balloting at its sole discretion.

### Ballot Form

Please check the box next to ONE candidate for each of the following positions. Alternatively, for any of the positions you may insert the name of a write-in candidate in the space provided after the named candidates, and check the box at the end of that line.

Chair-Elect

Check Box

Gary Gildert ..... ☐

Wendy Young ..... ☐

..... ☐

Secretary

Ven Pinjala ..... ☐

Kelly Richardson ..... ☐

..... ☐

Position 2 (Outreach)

Check Box

Ramanan Krishnamoorti ..... ☐

..... ☐

Position 4 (Human Resources) Check Box

Teresa Jurgens-Kowal ..... ☐

..... ☐



## STS AIChE 2012 Candidate Bios

### Candidates for Chair-Elect

#### Gary Gildert



**Policy Statement:** My involvement with the South Texas Section for the past five years has given me a great insight into the working of this great organization. As your Chair-elect, I intend to grow and expend the initiatives of the past Chairs. We must continue to enlarge and improve the monthly dinner meetings through sponsorship and quality dinner speakers. We should also make the technical program

accessible to the other 90% of the membership who cannot regularly attend the meeting in person. Specifically, I will improve the accessibility of the section events through webcasts.

**Bio:** I have participated in AIChE events for twenty-five years, been a member of the South Texas Section for eighteen years, and most active for the past five years. I have presented at two workshops, served as a dinner speaker twice, guest lectured at the PE course, chaired the PEPO Workshops for two years, and covered the unexpired one year term of Position One.

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), a member of American Institute of Chemical Engineering (1997), American Chemical Society (2005), and South West Catalysis Society (2005). He is an internationally recognized expert in hydro treating with 24 patents, over 40 publications, and numerous international presentations.

Gary started his career with Petrosar (Polysar, Novacor Chemicals) in operations support and process design for 11 years with assignments in Ontario and 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, he joined a major global catalyst company 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 was responsible for marketing, sales, technical service, and finance. Gary joined Johnson Matthey Catalysts two years ago with responsibilities for technical service and marketing new hydrogenation catalysts.

#### Wendy Young

Wendy Young has been an active AIChE volunteer leader since joining as a student while at Texas A&M University. She founded the STS Young Professionals Group in 2002 and went on to help initiate the Young Professionals Advisory Board at the AIChE National level. She continued leadership positions as Membership Committee Chair and served a 3-year term on the Board of Directors. She co-founded and is currently Co-Chair of the AIChE Water Initiative.



Wendy recently accepted a position as Business Development Manager with Chemstations. Her experience includes 7 years of process engineering experience and another 7 years of technical sales experience in process, water, and wastewater treatment.

I'm proud to be a member of the South Texas Section, the largest AIChE local section. Participation in the monthly meetings has successfully grown with the efforts made to rotate meeting locations, have companies sponsor meetings, and hold satellite meetings. As STS-Chair, I would strive to expand AIChE's connections to local companies to further increase participation. Promoting math and science education to children through increased K-12 outreach is also a passion of mine. Finally, I would work to build upon the excellent foundation of the first few years of the Regional Process Technology Conference to continue to expand its value to chemical engineers we serve. I would appreciate your vote.

### Candidates for Secretary

#### Ven Pinjala

Ven Pinjala is currently a Senior Principal Business Consultant with Aspen Technology providing Sales/Marketing support to the Engineering software business.

Ven has extensive experience in business development in the Chemical industry - specializing in process simulation, process development / scale-up / design and business support. He has proven expertise in

## STS AIChE 2012 Candidate Bios

### Ven Pinjala

leading technical projects from inception to completion and providing marketing, business development, and manufacturing / customer support. Prior to joining AspenTech, Ven worked for Union Carbide, Koch & Exxon, and developed/commercialized new technologies such as reactive distillation for the production of ethers. He also authored a patent and several publications.

Ven has a PhD in Chemical Engineering from the University of Houston. He currently serves on the Industrial Advisory Board of the department of Chemical and BioMolecular Engineering at the University of Houston.

Ven is a member of AIChE since 1981.

### Kelly Richardson

Kelly Richardson works as a Process Engineer for AMEC Paragon. She has five years of experience in onshore and offshore oil and gas production process design. She graduated from Michigan Technological University with a B.S. in Chemical Engineering and a Minor in Economics in 2003.

She has maintained membership within AIChE throughout the course of her education as well as during her professional career. Kelly served as Chair for the STS-AIChE Young Professionals (YP) in 2010. She has assisted with the development of community outreach events, technical programs, and social gatherings as a member of the local AIChE section. She thanks STS-AIChE for the support provided for her career development and the opportunities to get actively involved.

### Candidate for Position 2 (Outreach)

#### Ramanan Krishnamoorti

Ramanan Krishnamoorti is the Dow Chair and Professor of Chemical and Biomolecular Engineering at the University of Houston. He started his academic career at the University of Houston in 1996 as an Assistant Professor. In 2005, he became a Professor and Associate Dean for Research in the Cullen College of Engineering. In 2008, he became the Chair of the highly ranked Chemical Engineering department and has overseen the near doubling of the department. His technical expertise lies in the broad area of understanding structure – processing – property correlations for multi-component soft materials and on developing materials with tailored properties through a detailed understanding and manipulation of a structure at the molecular level. Specific applications for his research including developing light-weight automobile parts, super-strong fibers, strengthened elastomers, materials for

developing light-weight automobile parts, super-strong fibers, strengthened elastomers, materials for fuel cells, longer-life lithium ion batteries and improved materials for tissue replacement.

Dr. Krishnamoorti received his Doctoral degree in Chemical Engineering from Princeton University in 1994 and his Bachelor's degree in Chemical Engineering from the Indian Institute of Technology, Madras. He has served as a Programming Committee Member for area 1a of the AIChE and was the meeting organizer for the Spring 2003 AIChE (area 1a) meeting. He currently serves as the STS-AIChE as the elected member for Position 2 of the Executive Committee, where he has served to further the outreach and education missions of the STS-AIChE.

### Candidate for Position 4 (Human Resources)

#### Teresa Jurgens-Kowal

Teresa has degrees in Chemical Engineering from the University of Washington in Seattle (Ph.D. thesis in surface characterization of metal oxides) and the University of Idaho in Moscow (B.S. with emphasis in environmental). She currently is President of Global NP Solutions, LLC, a strategic innovation partner providing training in project management and new product development. Prior to forming GNPS, Teresa worked in traditional petrochemical for over a decade R&D, catalyst development, and various management roles at ExxonMobil. Currently, she is continuing her dedication to lifelong learning and is halfway through the MBA program at West Texas A&M University. Teresa is a registered Professional Engineer (P.E.) in the State of Louisiana as well.



As a member of AIChE, Teresa has been active in the South Texas Section in providing workshops for career development and will continue to help people fulfill their dreams in Position 4. She is especially interested in leadership and team growth for people to achieve success. Chemical Engineering forms the basis of a highly analytical and diverse education, opening the door for opportunity in dozens of fields of study for enthusiastic individuals.

Teresa is Registered Education Provider with the Product Development and Management Association and serves as the Book Review Editor for the Journal of Product Innovation and Management. In her spare time, she enjoys scrapbooking, knitting, and almost any activity that takes place outdoors!



## YP Events

### Galveston Mixer Highlights

The Young Professionals pulled off a great Social Mixer at Murphy's Pub after the PTC conference in Galveston. The mixer was well attended by seasoned professionals (who are young at heart) and Young Professionals. It was a great forum for everyone to network and relax after a very successful conference. Thanks to Chemstations for giving away t-shirts... There were many last minute registrations for the mixer which added to the flavor....., all in all, everyone had a great time! It was indeed a great way to wrap-up the conference! Thank you everyone that attended the mixer and made it so successful. Now ya'll know why the YPs rock... Below are a few snaps from the mixer:



## YP Events

### YPs visit ExxonMobil Baytown Refinery

The Young Professionals got together and organized yet another plant tour to ExxonMobil Baytown Refinery. The plant tour received an overwhelming response and was well attended by YPs from major companies. It was great to see students from Rice University and University of Houston also participate in the tour. The YPs would like to thank Pamela Farmer, Dan Vierling and Duane Lowe from Exxon who guided the YPs throughout the tour and Alan Rossiter from Rossiter & Associates. Below is a group picture from the tour:





## Featured YP of the Month

We continue to identify and highlight active Young Professionals from academia. This month's featured YP is Suchitra Badrinarayanan; Suchi is the President of AIChE Student Chapter at Rice University and is also active with the STS YPs. So let's get to learn more from this month's featured YP:

### 1. Tell us about yourself

I am currently a senior Chemical & Biomolecular Engineering student with a minor in Business at Rice University. I am the President of the AIChE – Rice Student Chapter. I am currently looking for a job in industry after I graduate. I am still deciding between traditional engineering job like a facilities engineer or a consultant in the oil and gas sector. In my spare time, I like to volunteer with children and animals. I was a tutor at KIPP – Sunnyside High School for the past year and taught math to 9th graders. I have also been volunteering at the Houston Humane Society for the past 3 years. I have recently started taking advantage of my senior year of college and trying to do as many cultural things as possible such as going to performances in Miller Outdoor Theatre and Broadway shows and travelling around Texas.



### 2. What do you like most about your current job and what are your responsibilities?

I am currently still a student but I would consider being president of AIChE as a part-time job! I am responsible for the coordinating the different subcommittees within AIChE, arranging sponsorship funding from companies, contacting companies who want to recruit at rice and coordinate with them on dates, organize tours of different companies, plan trips to nationals and regional conference, coordinate with the Chemical Engineering Department at Rice and with the Chemical Engineering Alumni on networking events and mentorship programs.

### 3. How has STS and AIChE benefited you?

STS and AIChE have provided me with contacts and more information on the career choices available to me after I graduate. STS has given us the opportunity to go on plant tours and talk to people about their job and see if it is something I would be interested in. AIChE at Rice has helped me develop my leadership skills, my time management skills and my writing skills. It has also helped me become more involved within the lower Chemical Engineering classes and the Chemical Engineer Department as well as Chemical Engineering Alumni.

### 4. Any advice for the ChE students who will be graduating soon?

Remember everyone you talk to and keep in touch with all kinds of people. You never know when someone you know might have a job opening or internship opportunity. Networking is the key to getting a job in an economy like this but it is not the only thing that matters. Practice interviewing, you may have perfect grades but your interview can make or break your future in a company. Get to know your AIChE president very well, they often get the chance to recommend students for scholarships and jobs. For underclassmen, get to know your seniors well. They will be recruiting for new hires when you are looking for a job and you will have an added advantage.



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## Call for Volunteers

The Career and Education Operating Council (CEOC) of AIChE (National) has studies underway in several areas of interest to AIChE members. Additional volunteers are needed for committees performing the areas listed below. Working on one of these committees teaches you about the operation of AIChE, as well as teamwork, management, and leadership. Lessons from the latter three will spill over into your job, personal life, and other nonprofit organizations. The committee topics include:

**A. Leadership development** — New options for the training and development of leaders in AIChE. Our current methods are useful, but we're looking at others, too.

**B. Fundraising** — There is a modest but significant budget gap in AIChE National, and we can better serve our members if we can shrink it. Additionally, the programming of many local sections could benefit by fund raising.

**C. Local Section Committee (LSC) Support** — Unlike the STS, many local sections are facing difficulties, and the LSC is developing projects to assist "local sections in need."

**D. Membership** — The AIChE needs to work on increasing membership of National and of local sections. We're looking for additional good ideas. This includes how to explain the benefits of membership, how to encourage more student members to become YPs and how to encourage more first-time attendees at local section meetings to return and get involved.

**E. Communication** — Many AIChE members don't seem to learn about AIChE events and programs that they later wish they'd heard about. How can we improve communications with members? This could include mailings, websites, e-mail, telephone, etc.

These studies will involve identifying and evaluating alternatives, preparing "best practices" for local sections, and executing developmental projects. If you might be interested in one or more of these areas, please contact Matt Kolodney ([mkolodney1@comcast.net](mailto:mkolodney1@comcast.net) or 713-471-8956)



## 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](mailto: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 co-operation with organizations such as HUNSTEM.

IEEE [http://www.ieee-houston.org/Committees/SAC/Brochure IEEE%20Houston 7 Oct 2007.pdf](http://www.ieee-houston.org/Committees/SAC/Brochure%20Houston%207%20Oct%202007.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](mailto:mkolodne@tceq.state.tx.us).



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## STS Volunteer Opportunities

**General considerations.** It would be great if AIChE had an implantable chip to distribute to members giving them instant chemical engineering expertise. Unfortunately, AIChE National says that's a long way off. Additionally, thinking back to engineering school, if we wanted to learn to be an engineer, we had to go to class and do homework. As STS members, we can benefit from attending meetings, from networking, and from reading CEP, but even greater benefits are the experience and the contacts that come from being an active volunteer.

At STS, we have a number of opportunities to volunteer and grow. You can exercise your current skills or learn new skills. You can ask for and choose a job you want (would enjoy doing). Your volunteer job can help prepare you for a paid job. Others will be happy to assist you in learning and performing it. We want you to succeed and grow. We have found that if you do something you enjoy, you'll do well. It's a win-win situation, for you and for us. This is also an opportunity to try a new opportunity, to see if you like it, and to do so without risking your current job.

**K-12 Outreach Committee.** An excellent opportunity for engineers who want to work with others. You can experience different ideas and methods in educational outreach, and help AIChE plan the upcoming STS K-12 outreach program. Interface with AIChE (national) SIOC, work with other technical people, with other local societies, with students and parents, and with teachers. Other people have already developed the outreach activities. We can provide contacts in school systems, contacts with various local outreach programs, pre-developed activities, and examples of outreach in other local sections. For now, you get to show up for a day, get the experience, and report back to us at AIChE. If and when you like, you can try out some of your own ideas. The contacts, experience, and understanding you have developed will help your own program to succeed.

**Custom-Designed Opportunities.** If you'd like to get involved, but none of these opportunities is close enough to what you want, contact the STS Volunteer Recruiter (me), and we'll try to design an opportunity to meet your individual needs. It has been done successfully in the past.

**If you're interested, contact our STS Volunteer Recruiter, Matt Kolodney, [mkolodne@tceq.state.tx.us](mailto:mkolodne@tceq.state.tx.us).**

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## Chemical / Engineering Opportunities (C/EO)

**Are you unemployed and looking for work?** The STS provides a service that finds engineers work.

Since it began in 1983, Chemical/Engineering Opportunities (C/EO) has provided more than 1,000 chemical engineers and chemists to chemical manufacturing companies, analytical chemical laboratories, environmental firms and process design firms seeking such individuals to meet their technical needs.

C/EO is sponsored by South Texas Section of the American Institute of Chemical Engineers. The charter of the committee is to facilitate the re-employment of chemical engineers in the Houston area.

Chemical engineers wanting to participate in C/EO must meet the following criteria:

- \* You are unemployed.
- \* You are a member of **both** the National AIChE and the STS Local Section. When you visit our office, have your membership card available.
- \* You must volunteer a minimum of 3 hours per week in the C/EO office, helping answer the phones, indoctrinate new Volunteers and, most importantly, help in the mailing of the Profiles.
- \* Volunteers must reside in the Houston Metropolitan area. Volunteers who fail to show are delisted.
- \* Provide addresses, phone numbers and contact names of 14 companies which typically employ chemical engineers or chemists. This ensures our database remains current.

For more information, please contact the C/EO Director, Jim Murphy, at [jrmurphy2@aol.com](mailto:jrmurphy2@aol.com). The C/EO page on the STS website is: <http://sts.aiche.org/content/ceo-chemical-engineering-opportunities>.

The C/EO Office is located at:

c/o Halliburton Co. USA

10200 Bellaire Blvd., Suite BNW 3

Houston, Texas 77210

Telephone: (281) 575-4348

Fax: (281) 575-5258



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# South Texas Section AIChE

STS AIChE  
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## 2011 Officers and Contact Information

### Officers

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David Silarski

**Membership:** David Silarski

**Young Professionals:** Jayce Mathews  
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**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 2013

<<To be developed>>



## SUBSCRIBE/UNSUBSCRIBE INFORMATION

Our newsletter subscription list is by invitation only.

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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@aiche.org](mailto:xpress@aiche.org)  
 1-800-AIChemE (1-800-242-4363)  
 AIChExpress Service Center  
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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](mailto:sts-newsletter@aiche.org) with comments, questions, suggestions, and ideas for next month.

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