



Monthly Meeting May 2nd, 2013

Central Location: Brady's Landing 8505 Cypress St,
Houston (Social Hour at 6 PM, Dinner at 7 PM)

Satellite Location: Rico's Mexican Grill, (Sawdust Rd
location in The Woodlands) Social Hour at 6 PM; Dinner
at 7 PM, Technical program at 7:45 PM

Inside this issue:

| | |
|---|-------|
| Workshop Details | 2 |
| Meeting Details | 3 |
| Join 2013 AIChE SPTC | 4 |
| Letter from the Chair | 5 |
| Young Professional Sections | 6-8 |
| K12 Volunteer Opportunities | 16 |
| 2012 Annual Awards Form | 9-11 |
| Awards Presentation | 12-15 |
| Call for Volunteers | 16 |
| Contact Information | 18 |
| Subscribe/Unsubscribe | 18 |

Topic: Patent FAQ's - What You Really Need To Know

Dinner Speaker: Wendy Buskop

Abstract: This presentation will cover the definition of a patent, types of patents, criteria used to obtain a patent, the duration of the patents, the new patent law, and disclosure issues. It will address the following questions: Would more than one patent ever be needed for one invention and should you file a provisional or non-provisional patent application? What are the main steps of the patent process, typical costs, and how long is the wait for examination? What are the typical rejections and responses to the rejections? The talk will also cover the topic of trademarks, including what a trademark is, types of trademarks, state or federal filing, the 45 classes of trademarks, and the life of a trademark. In addition, it will also explore what constitutes trade secret, when agreements are needed, licensing, and reasons for file for intellectual property protection

Bio: Ms. Wendy K.B. Buskop is the Managing Patent Attorney of the patent boutique, the Buskop Law Group of Houston, Texas. Ms. Buskop has been writing patent applications since 1980. She has written and prosecuted patent applications for Dow Chemical Company, Shell Oil Company, Lyondell Petrochemical, Aker Kvaerner, Eastman Kodak, Angstrom Power, AT&T, SBC and many medium sized corporations.

The Buskop Law Group was again identified by *Intellectual Property Today* as one of the "Top Patent Laws Firms" in the United States for 2011. The firm received this honor for the past 11 years. The Buskop Law Group handles matters for clients in 23 states and 12 foreign countries, including the Netherlands, Canada, Mexico, the United Kingdom, Japan and China.

Ms. Buskop was trained in chemistry at Wesleyan University in Connecticut and also received a Master's Degree from the same school. Her JD is from Franklin Pierce Law Center, the #1 rated patent law schools in the United States according to the *US News and World Reports* and the American Bar Association. Ms. Buskop is a published author and speaks regularly on related intellectual property topics.



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

Career Development workshop

Speaker: Lisa Martin

Looking for a job is not just for the Unemployed

Abstract: Statistics show that people change careers 3 – 7 times in their lifetime. Are you prepared? We will discuss:

1. Why people change jobs
2. When is a good time in your career to change
3. Resume tips
4. Job search tips
5. Interview tips
6. Tips for working with a recruiter

Bio: ***Lisa Martin** holds a BS in Chemical Engineering from Texas A&M University. She started her career with Amoco Production. She also spent time as a process engineer with SNC Lavalin before moving into business development, technical sales and eventually recruiting. She is currently a Senior Executive recruiter with Richard, Wayne & Roberts where she was named Account Manager of the Year in 2011 and Business Development Manager of the year in 2012.*

STS-AIChE Scholarship Award Winners

1. Alona Bozhchenko – Rice University
 2. Erica Tam - Rice University
 3. Marianne Braun - Rice University
 4. Gavannie Beharie – Prairie View A&M University
 5. Paola Flores - Prairie View A&M University
 6. Keirsten Bello - Prairie View A&M University
 7. Kimberly Do – University of Houston
 8. Paul Abraham - University of Houston
 9. Julia Fernandez Del Valle - University of Houston
 10. David Chaar – Texas A&M University
 11. Daniel Ehlers - Texas A&M University
 12. Alexandra Haral - Texas A&M University
-

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.

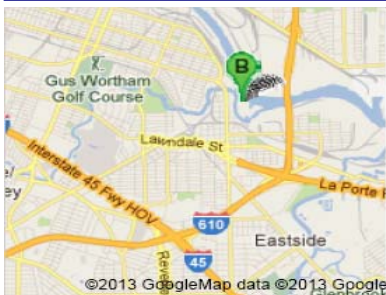
| | Pre-Registration Members | Pre-Registration Non-Members | At the door Members | At the door Non-Members |
|---|-----------------------------|---------------------------------|------------------------|----------------------------|
| Regular/Retired | \$25 | \$35 | \$35 | \$40 |
| Student/unemployed | \$15 | \$20 | \$25 | \$30 |
| North Houston satellite meeting location | \$18 | \$18 | \$20 | \$20 |

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

Pre-registration for the main and Satellite meeting is now open through our website at:

<http://sts.aiche.org/>

Meeting Location— Brady's Landing



This month's meeting will be held at [Brady's Landing](#) Restaurant (8505 Cypress St, Houston, TX-77012). Double click on the map to the left for directions from your location. The satellite meeting will be held at [Rico's Mexican Grill](#), (Sawdust location) at 314 Sawdust Rd, The Woodlands, TX, 77380. Double click on the map below for directions. This location provides a quiet, private room upstairs for meeting. More details are included in the next section below.

North Houston Satellite Meeting Information—Rico's Mexican Grill @ Sawdust Road. \$2 Margaritas!

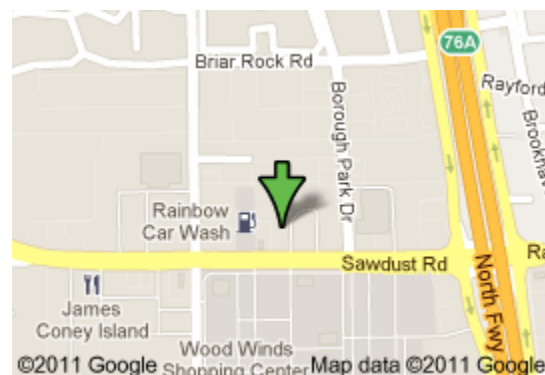
Join us without driving too far for some local networking at The Woodlands/North Houston satellite meeting! We have our own social/networking program.

Due to the wonders of modern technology, via closed circuit broadcast from the main meeting site, we have access to the great speakers provided by STS. This month's meeting Thurs., May 2, 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. Order your dinner off the restaurant menu. Contact Ken Walter or Chris Tagoe (kk.walter@comcast.net or cctagoe@yahoo.com) with questions or special needs. Guests are welcome, please spread the word!

Schedule:

- ♦ 6:00 PM Social hour.
- ♦ 7:00 PM Dinner. Order off the menu
- ♦ 7:45 PM Remote tie-in with STS-AIChE technical program
- ♦ \$18.00 in advance / \$20.00 at the door

All guests are welcome!



Join 2013 AIChE Southwest Process Technology Conference



The South Texas Section of the AIChE, in partnership with AIChE HQ, is hosting its Fifth Annual Southwest Process Technology Conference (SPTC) at the Moody Gardens Hotel in Galveston, October 3 & 4, 2013. The conference provides technical sessions and industry solutions in process technology, which attract hundreds of chemical engineers from the Greater Houston and Gulf Coast region. Here is this year's preliminary program:

Thursday, October 3:

Morning Sessions with Keynote

Track 1: Energy Efficiency

Track 2: Catalysis & Reaction Engineering

Track 3: Thermodynamics & Process Simulation

Afternoon Sessions:

Track 1: Process Safety

Track 2: Distillation/Separation

Track 3: Upstream Oil & Gas

Evening:

Special Session: Ethics & Professionalism

STS-AIChE Dinner Meeting

Friday, October 4:

Morning Sessions:

Track 1: Process Control and Optimization

Track 2: Chemical Process Technology

Track 3: Student Session

Afternoon Sessions:

Track 1: Petroleum Refining Technology

Track 2: Process Development/Chem Manufacturing

Track 3: Technical Session for Young Professionals

Evening:

Mixer

The attendance at the previous conferences has been up to 400. This year's conference promises to draw an even larger audience as we present an expanded technical program, add a student track and career fair, and introduce popular keynote speaker Lynne Lachenmeyer, ExxonMobil Chemicals' Senior Vice President.

Registration will open soon. Meanwhile, save the date – October 3 & 4 – and make sure you join us in Galveston.

If there's a paper you'd like to present let us know by sending an email to sptc13@aiiche.org.

If you have a product or service to offer, or if your company is looking for new talent, the conference provides an opportunity to reach out to hundreds of chemical engineers working in the Ship Channel, Baytown, Pasadena, Texas City, Chocolate Bayou and Freeport. You can raise your visibility by becoming a Platinum, Gold, Silver or Bronze sponsor, or an advertiser in the conference program. The exhibition hall and career fair also provide face-to-face contact opportunities. Early bird sponsorships, exhibition slots and career fair booths are available at significant discounts, with payment due by April 30, 2013. Don't miss this opportunity to reach out to the largest concentration of chemical engineers in the United States. Reserve your spot now at <http://www.aiiche.org/conferences/regional-process-technology-conference/2013/become-sponsor>

More information about the conference can be found out on the AIChE website at <http://www.aiiche.org/conferences/regional-process-technology-conference/2013>, and if you have any questions, email us at sptc13@aiiche.org.

May 2013 STS-AIChE Chair's Letter – Gary Gildert

The meeting last month at Pelazzio was another good one. It started with two well attended workshops given by Somnath Basu and Joe Woodson. We had two of our Science and Engineering Fair of Houston Special Awards winners at this month's meeting. These kids are good. Our future is in good hands.

I hope you all enjoyed our main speaker; Steve Beeston, Vice President of Sales & Technology for Foster Wheeler, as much as I did. He presented a good blend of process engineering, chemistry, and economics. It was a great chemical engineering talk. We thank Foster Wheeler USA Co. for the sponsorship. It allows us to do a lot more from our limited funds. For those who missed his talk, the slides are posted on the sts.aiche.org site and the full presentation should be available on Chem-E on demand next month.

Our May 2nd meeting at Brady's Landing returns to a topic of broader interest – Patents. We are pleased to have Wendy K.B. Buskop, the Managing Patent Attorney of the patent boutique, the Buskop Law Group of Houston, Texas, and YouTube star. Her presentation is titled "Patent FAQ's – What You Really Need To Know". This is a great opportunity to see her live and ask a few general questions. Regular prices apply, free for Patrons, of course.

We have a good number of volunteer opportunities available for our members from half day commitments through multi-year opportunities. Please see the section entitled "Call for Volunteers" later in this newsletter.

We continue to make progress on the webcasting. We have a great crew with Alan anchoring the internet service, Carol on sound, Trevor on video, and me as the equipment mule. All we are missing now is a bigger audience. We have a dedicated group in the Woodlands, but we are open to others. Nothing is better than being at the main meeting, but if you have a small group who would like to get together to network and watch our announcements and technical presentation, or if you would like to "tune in" from you own home, let either Alan or I know via sts-chair@aiche.org.

Please feel free to forward this newsletter and e-mails that you get from me to others that may be interested in our programs and activities. While attendance at our meetings has been good relative to historical standards, I know that there are many more professionals in the region that would benefit greatly from our events, which are open to everyone, not just Chemical Engineers or STS members.

I would also like to encourage everyone to share your ideas and suggestions with me and other members of the Executive Committee. In most cases, we can help you turn a good idea into action. Together, we can continue to make the South Texas Section of AIChE a place of community, fellowship and education for us all.

Sincerely,

Gary Gildert
Johnson Matthey Catalysts

Young Professionals Sections

YP April Meeting Highlights



Above is the group picture of Young Professionals who participated in the April monthly meeting held at Pelazzio Banquet Hall. The meeting started with workshops on topics "Overview of Delayed Coking" given by speaker "Joseph Woodson" and "The Fundamentals of Water and Wastewater Treatment for Industrial Applications" given by speaker "Somnath Basu" and ended with a presentation "Pathway to Maximizing Residue Upgrading Margins" given by speaker Steve Beeston.

YP Giving

Michael Talanov has recently accepted the position as a Process Engineer at Foster Wheeler, and he will start working there this month. Prior to this, Michael has worked as a Process Engineer at Praxair for almost 2 years, where he has worked on a Global Project Execution Team on hydrogen plant development projects. Michael graduated from the University of Maryland, College Park with a Bachelors Degree in Chemical Engineering.



We want to continue with our YP giving initiative, where the YP's sponsor one young member - including ChE students – at each of our monthly dinner meetings in addition to a gift certificate. To qualify, the recipient will have to be involved or share new ideas about YP activities that will be beneficial to the group. If you are interested email 3-4 sentences to sts-yp@aiiche.org and we will let you know if you are considered the winner. Please share this message with your young colleagues and encourage them to participate with us.

Young Professionals Sections (Continued)

Featured YP of the Month – Abelardo Morales

1. Tell us about yourself

My name is Abelardo Morales and I recently graduated from the University of Houston with a Bachelors of Science in Chemical Engineering and also have a minor in Petroleum Engineering. I was President of the University of Houston AIChE Chapter during the 2011 school year. I graduated December 2011 and began my career with Vinmar International Ltd. On my spare time I enjoy jamming with my band, mountain biking, and quality time with family.



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

I am currently working at Vinmar International Ltd. as a Commercial Trader. Vinmar is in the business of marketing, sales, and distribution of petrochemicals globally. I am currently selling Polyethylene Terephthalate (PET) and have a new role in selling Metallocenes (Specialty Polyethylene from ExxonMobil) throughout Latin America. I am also developing our Recycled PET market globally. The most I like about my role is being involved with international trade and market exposure. I get to interact with people across the globe and take business from one region to another. Obtaining supply and demand information now and building strong relationships with customers and producers is key to the success of our business. Some of my responsibilities include direct communication with customers and producers, understanding supply and demand conditions, logistics, development of new business, technical training, and much much more. Traveling is a must because face to face meetings add much more value than simple calls, emails, or skype. I have been to various Latin American countries visiting customers and producers. It has been great so far and I have much more learning to go.

3. How has STS and AIChE benefited you?

I have benefitted mostly from the networking which exposed me to this type of career option. Without AIChE I wouldn't have had such an opportunity to enter the commercial side of the petrochemical industry straight out of college. Vinmar reached out to the University of Houston AIChE Chapter for a visit with Chemical Engineering students. I arranged a presentation session and had our members attend. After their presentation I expressed my interests in the company and soon interviewed. The same goes for other interviews/offers I received. STS is now giving me the opportunity to continue networking and getting exposed to other career paths. They arrange plant tours, happy hour events, etc, to network with other Chemical Engineers in the Houston area. Recently I was able to attend a plant tour at the Braskem PP facility in La Porte. This was a very good experience as our team members trade PP and I am involved with some contractual volumes of PP exported from Brazil and Saudi Arabia. I had never been to a PP plant and it was exciting to see in person.

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

Network as much as possible. Not only to find a job, but to find a career which you can excel in the most. Career Fairs and online applications will eventually find you a job but networking is the most important element to finding something that will stick. Become an active member of STS, attend a meeting or two a year, it won't hurt to give it a try. It will bring more good than anything. Also another piece of advice for new graduates is not to be afraid to ask questions. Everyone knows you are a new engineer and it isn't expected that you know everything. The sooner you know the business the sooner you can advance and take on more responsibility.

Volunteer needed for offshore Technology Conference

Preparation of bags for the offshore technology conference is at 1:00-5:00pm on Saturday, May 4th, 2013.

Offshore Technology Conference is from May 6th – May 9th, Houston, Texas:

- ◆ Companies: Provide us with company marketing goodies to be included in bags for students
- ◆ Young Professionals: Help us prepare bags for students and teachers

For more information, please contact Carlos Salamanca at sts-yp@aiiche.org

Young Professionals Sections (Continued)

YP Happy Hour

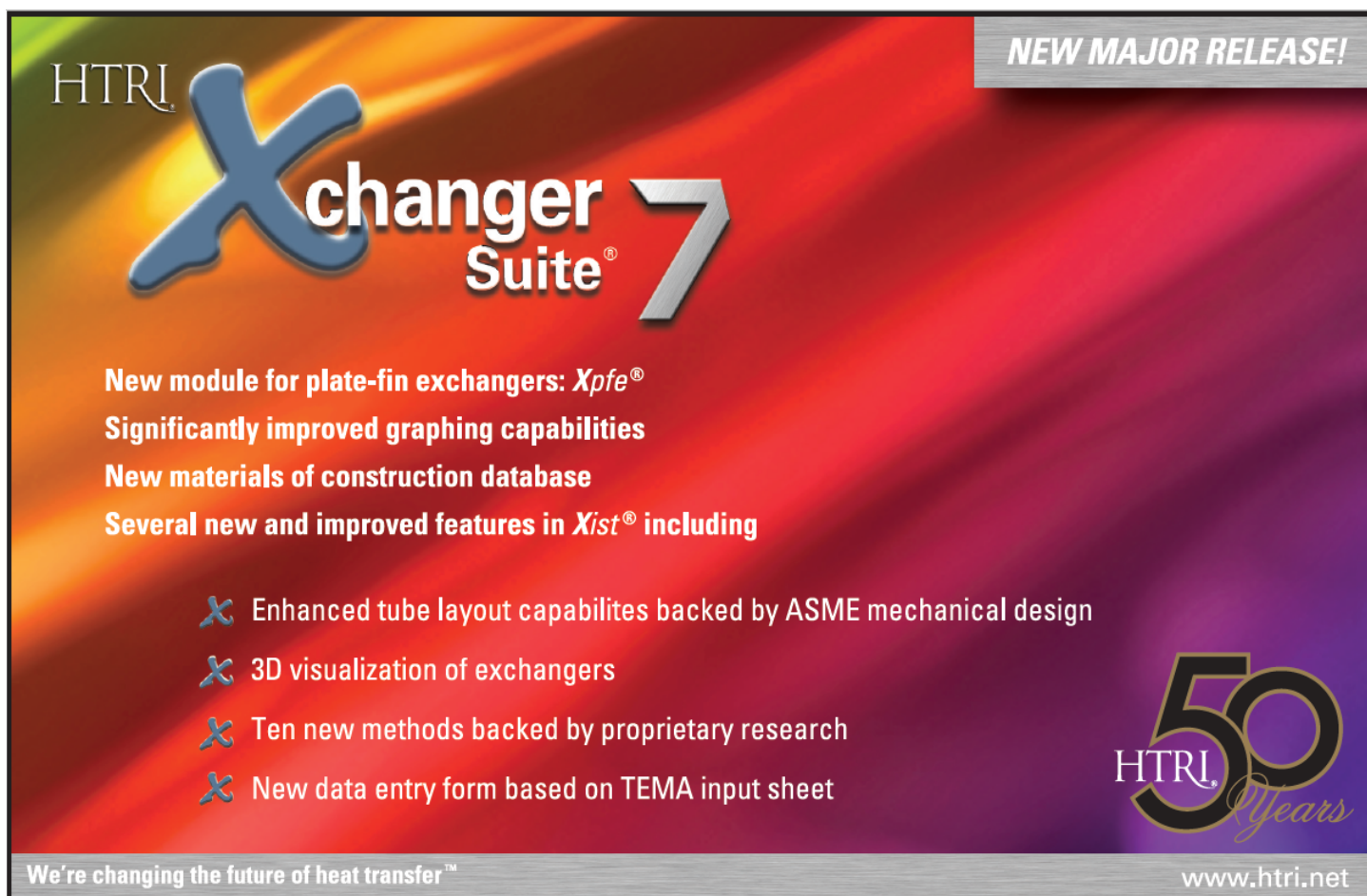
The Young Professionals group had their Happy Hour on Friday April 19th at Celtic Gardens. It was the opportunity to welcome new members and mingle with new professionals to Houston. They had a great time. If you have any suggestions of any Social or Academic events, or would like to participate, please contact sts-yp@aiche.org



SAVE THE DATE FOR THE ANNUAL STS- AICHe HOUSTON SHIP CHANNEL TRIP

Pending approval by the Port of Houston Authority, the STS-AICHe will once again journey down the Houston Ship Channel on the M/V Sam Houston at 6:00 PM on Saturday, June 1, 2013.

Details about the trip and information on registering for it will be provided on the STS-AICHe website after the monthly dinner meeting on May 2.



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- ✕ Ten new methods backed by proprietary research
- ✕ New data entry form based on TEMA input sheet

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It's Awards Time!

It is once again time to nominate an STS member for our annual awards for 2012:

- 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.

South Texas Section – AIChE - 2012 Annual Awards Nomination Form (Page 1 of 2)

THIS NOMINATION FORM MUST BE RECEIVED BY MAY 1, 2013 TO BE ACCEPTED!

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

Tel: 281-485-3719
ThomasMenn@SBCGlobal.net

Anand Nilekar, PhD or
Shell Global Solutions (US) Inc. Tel: 281-485-3719
Westhollow Technology Center
3333 Highway 6 South
Houston, Texas 77082

Tel: 281-544-6298
Anand.Nilekar@Shell.com

Ryan Stephens, PhD
Tel: 281-544-8447
Ryan.Stephens@Shell.com

Following receipt of the nomination that you submit, you will receive an email from the STS Awards Committee confirming receipt of your nomination.

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

NOMINATOR'S NAME : _____
ADDRESS: _____
STREET : _____
CITY : _____ STATE: _____
ZIP CODE : _____
TELEPHONE NUMBER : AC : _____ NO : _____
EMAIL 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 : _____
EMAIL ADDRESS: _____

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

2012 STS Outstanding Young Professional Award (Under age 35) _____
2012 STS Distinguished Service Award (Over age 35) _____
2012 STS Best Fundamental Paper Award _____
2012 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 2012 Best Paper Nominations, continue and complete page 2 of this form.

South Texas Section – AIChE - 2012 Annual Awards Nomination Form (Page 2 of 2)

Please enter the name of the 2012 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> |
| <i>Note: At least one author must be an STS Member.</i> | | |
| Co-Author #1: _____ | _____ | _____ |
| Co-Author #2: _____ | _____ | _____ |
| Co-Author #3: _____ | _____ | _____ |
| Co-Author #4: _____ | _____ | _____ |
| Co-Author #5: _____ | _____ | _____ |
| Co-Author #6: _____ | _____ | _____ |
| Co-Author #7: _____ | _____ | _____ |
| Co-Author #8: _____ | _____ | _____ |

[Add additional authors on an attached sheet if 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.. *(In fact, an electronic version of the publication is preferred such as a "PDF".)*

Following receipt of the nomination that you submit, you will receive an email from the STS Awards Committee confirming receipt of the nomination.

Julian R. Ward and James R. “Jim” Murphy received 2012 STS Gary Award

On Thursday April 4, the South Texas Section – AIChE took the opportunity to present two Awards. These awards are related directly to the STS’ Chemical Engineering Opportunities (CEO) Office which for the last 22 years was hosted by Halliburton at their campus at 10200 Bellaire Blvd. here in Houston. It was STS-AIChE’s pleasure to recognize two STS Members who were instrumental in the operation of the CEO Office.

The first two Awards to be presented are the STS Gary Awards which are given in memory of Gary L. Leach who was the STS Chair (1978), STS Position No. 1 (1973/4)₁, Secretary (1967/8)₁, and Registered Corporate Agent (1979 to 1992). Gary was also a member of the AIChE Board of Directors and was the AIChE President in 1992 when he passed away as well as STS’s Registered Corporate Agent.

The STS first recognized Julian R. Ward with a 2012 Gary Award for locating and making the spaces that the housed the CEO Office available. Unfortunately, Julian could not be present and requested that someone accept the Award for him which was done by Dr. Norman F. Carnahan who is one of Julian’s longtime associates. *(A photo of Julian will be provided at a later date.)*

The STS then recognized James R. “Jim” Murphy who has kept the CEO Office open for over 23 years and even before it was moved to the Halliburton Campus with a 2012 Gary Award for his efforts on behalf of Chemical Engineering Opportunities.



James R. “Jim” Murphy (3rd from left) is presented the 2012 STS Gary Award by 2013 STS Chair Gary Gildert (2nd from left) while 2012 AIChE President David Rosenthal (R) and AIChE Board of Directors Member Freeman E. Self look approvingly on.

¹ – Prior to 1975, STS Officers and Executive Committee Members were elected using a “School Year Basis” with terms effectively beginning in September and ending in June.

2012 E. L. Ekholm Distinguished Leadership Award - Robert L. “Bob” Goodmark

The third STS Award for 2012 to be presented on April 4 at the Monthly STS Dinner Meeting is related to Chemical Engineering Opportunities as the person who the Award is named for was a the man who saw a lot of Chemical Engineers out of work, decided that something needed to be done, appeared at an STS Executive Committee & Monthly Dinner Meeting, and asked that the STS do something about the situation. Chemical Engineering Opportunities was born. There was a prior attempt at this before CEO starting in 1971 and lasting a few years but the effort was much smaller scale than what CEO became as it was due to a swing in the commodity chemical market.

This Award is the South Texas Section’s 2012 E. L. Ekholm Distinguished Leadership Award. It was created in 2004 to recognize the Distinguished Leadership of Edwin L. “Ed” Ekholm who served the STS as Chair-Elect (1967/8)¹, STS Chair (1968/9)¹, and Past Chair (1969/70)¹. Ed then was elected to the AIChE Board of Directors (or Council as it was known as then). He also served as the Program Chair for the 1970 Houston Spring National Meeting and was twice an unsuccessful candidate for AIChE Vice-President. When Ed saw things were not the way they should be, especially in the STS, he would get people together to determine if there was really a problem, examine the problem, propose a solution, and present the proposed solution to the STS Leadership. Such was the case with Chemical Engineering Opportunities.

Ed was the recipient of the STS 1968 Distinguished Service Award, the 2001 STS Gary Award for his efforts on the Petroleum Refining Short Course and CD-ROM, and the first or 2004 E. L. Ekholm Distinguished Leadership Award among other Awards. During the AIChE 2008 Centennial, Ed was recognized as one of the “100 ChEs of the Modern Era” and also one of the “25 Industrial Executives”.



Robert L. Good Mark (3rd from left) is presented the 2012 E. L. Ekholm Distinguished Leadership Award by 2013 STS Chair Gary Gildert Looking on are AIChE Board of Director Member Freeman E. Self (L) and 2012 AIChE President David Rosenthal (R).

Bob has a Bachelor’s Degree in Chemical Engineering from the University of Florida (1963) and has served on its Industrial Advisory Board. He also has a Master’s Degree in Industrial Engineering from the University of Houston (1967).

Bob is retired from Shell Oil Company after a 36 year career. During his career, he held assignments in the areas of crude oil evaluation, economics, quality control, refinery planning, economic analysis, product quality, operations scheduling, purchasing, and process engineering.

¹ – Prior to 1975, STS Officers and Executive Committee Members were elected using a “School Year Basis” with terms effectively beginning in September and ending in June.

2012 E. L. Ekholm Distinguished Leadership Award - Robert L. "Bob" Goodmark (Continued)

Bob has been active in AIChE since his Student Chapter days at the University of Florida and is a Fellow of AIChE. He has chaired and participated on many committees in the South Texas Local Section, including annual Technical Meetings, Public Relations and Anniversary Celebrations. Bob has held the following South Texas Section Offices: Section Chair(1988), Chair-Elect(1987), STS Past Chair (1989), Treasurer (1985 & 2003/4), Executive Committee Member Position No.1 (1976), served as STS Registered Corporate Agent for about 20 years, and Institute Liaison (1997 to 1999 [PLUS](#)).

Bob was active on the Houston Spring National Meeting General Arrangements Committee for many years, holding positions of GAC Chair, Public Relations Chair, Finance Chair and Program Copy Chair. He also served as Treasurer of the Fuels and Petrochemical Division from 1994 to 1996; as a member of the National Board of Directors of the Institute from 1997 to 1999; and, as a member of the CEOC from 2002 to 2005. Bob was also instrumental in reviving the Local Section Officer's Leadership Development Conferences.

Bob was honored by the Fuels & Petrochemicals Division with its Distinguished Service Award in 2006; by the South Texas Local Section with its Distinguished Service Award in 1989 and 1988 Chair's Appreciation Plaque; and by the Institute with second place in the Local Section Public Relations Competition in 1974 and 1975. He has also been recognized with the South Texas Section's Special Service Award for his 20 plus years of service as the STS' Registered Corporate Agent.

Bob and his wife of 50 years are the proud parents of two sons and are thrilled with their two grandchildren. He enjoys giving of his time and talents at his Synagogue; preparing income tax returns as a volunteer with AARP Tax Aide; and, participating in neighborhood improvement organizations.

Foster Wheeler Corporation Sponsors April 4 STS Monthly Dinner Meeting

The April STS-AIChE meeting was sponsored by Foster Wheeler USA Corporation. Foster Wheeler Corporation sales coordination Eric Smith accepted STS Meeting Sponsor Appreciation Plaque from 2013 STS Chair Gary Gildert at April 4th STS monthly meeting.



Eric Smith(L), Foster Wheeler Corp.'s Sales Coordination accepts STS Meeting Sponsor Appreciation Plaque from 2013 STS Chair Gary Gildert (R)

Science and Engineering Fair of Houston Special Awards winners

Two outstanding Science and Engineering Fair of Houston (SEFH) Special Awards teen winners, **Karan Jerath** and **John R. Bender**, received certifications and CRC handbooks on STS-AIChE April 4th monthly meeting.



Karan Jerath (L) receives SEFH award certification and CRC handbook from V. Ernie Althaus (R)



John R. Bender (L) receives SEFH award certification and CRC handbook from V. Ernie Althaus (R)

Join National Chemical Safety Symposium

National Chemical Safety Symposium – Hosted by SOCMA's ChemStewards®
What's New in Process and Occupational Safety?

May 22, 2013

**Houston Marriott West Loop by the Galleria
Houston, TX**

SOCMA's ChemStewards® Program is pleased to announce the 2013 National Chemical Safety Symposium to be held in Houston, Texas on May 22nd. National and local authorities on Process and Occupational Safety will be presenting the latest trends and methodologies used in the industry today to create a safe and secure manufacturing environment.

Dr. M. Sam Mannan, Chemical Engineering Department Regents Professor, Holder of the T. Michael O'Connor I Chair and Director of the Mary K. O'Connor Process Safety Center at Texas A&M University will be the keynote speaker. Also included on the agenda will be professionals from industry, government and academia. An expert industry panel will discuss new techniques designed to address plant safety. In addition, ChemStewards® and ISO auditors will address best practices in the area of process and occupational safety.

The primary topics to be covered will be process safety and occupational safety, by way of presentations, panels, networking, and Q&A discussions.

Cost:

SOCMA Members: \$49

Non-SOCMA Members: \$98

College Student: \$25

[Click here](#) for registration, and a full agenda of speakers and topics.



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.

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 or 713-471-8956).



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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>>



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