

The South Texan

2003 Marx Isaacs Award for Outstanding Large Section Newsletter

Voted "Best Newsletter" at 2009 AIChE Leadership Development Conference



Meeting Sponsor



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Monthly Meeting October 1, 2009

Location: Moody Gardens Hotel, Galveston

Special Process Technology Conference Edition

Managing Risk in a Dangerous World

Speaker: Jim Weatherbee, BP and former NASA Astronaut

James D. Weatherbee understands "Managing Risk in a Dangerous World" whether commanding a space shuttle or working at a refinery. During his 20-year tenure with NASA, Weatherbee flew on six space flights and commanded five – the only American to have commanded five missions in space.



Mr. Weatherbee will share his experiences from the more than 1,500 hours in space including the docking to the International Space Station and the Russian Space Station Mir.

During Weatherbee's career at NASA, he served as Director of Flight Crew Operations, Technical Assistant to the Safety Director, and the Deputy Director of the Johnson Space Center in Houston. Weatherbee was a U.S. Naval Test Pilot, and has over 7,000 flight hours in 20 different types of air and space vehicles, and has logged 345 carrier arrested landings.

Today, Weatherbee serves as the Leadership and Culture leader at BP's Texas City Refinery. He was selected to improve the organizational and safety culture at the refinery. His goal is to help the dedicated BP employees work safely and create value for shareholders. In his capacity, he also reports to the Vice President of US Refining, and assists with leadership and cultural enhancements at the other four BP refineries in the US.

Weatherbee joined BP as an S&O Auditor in December 2006. He traveled to various BP facilities to help identify necessary corrective actions and opportunities for improvement. In making recommendations, Weatherbee interacts with personnel at all levels in the various facilities. His goal is to help BP employees work safely.

Weatherbee holds a Bachelor of Science in Aerospace Engineering from the University of Notre Dame, is a lifetime member of the Society of Experimental Test Pilots, honorary member of Musicians' Union Local 47 and the American Federation of Musicians.

He has been awarded the Distinguished Flying Cross, Navy Achievement Medal, two Meritorious Unit Commendations, six Space Flight Medals, two Outstanding Leadership Medals, and four Distinguished Service Medals.

Weatherbee was commissioned in the United States Navy in 1975 and was designated a naval aviator in December 1976. After attending the U.S. Naval Test Pilot School, he was assigned to the Systems Engineering Test Directorate. He was a project officer and test pilot for the weapons delivery system and avionics integration for the F/A-18 aircraft. Subsequently assigned to Strike Fighter Squadron 132, he flew operationally in the F/A-18 from January 1984 until his selection for the astronaut candidate program. He became an astronaut in June 1985. On his first space flight in 1990, he piloted the space shuttle Columbia and served as commander during flights in 1992 1995, 1997, 2001 and in 2002. His flights included the first crew exchange mission to the International Space Station. Weatherbee left NASA in January 2005 to form Escape Trajectory LLC. He started his career with BP in December 2006.

Meeting Registration Information

Because the October 2009 meeting is held in conjunction with the Process Technology Conference, special pricing is in effect for the meeting. Note there is no discount for Students or Unemployed this month.

Membership in STS-AICHE is a bargain at \$20/year. If you wish to become a member, you may join through our secure online shopping cart (please use the provided link).

	<u>Pre-Registration</u> <u>Members</u>	<u>Pre-Registration</u> <u>Non-Members</u>	<u>At the door</u> <u>Members</u>	<u>At the door</u> <u>Non-Members</u>
All Attendees	\$28	\$35	\$38	\$45

NOTE: You have until the end of the day **Sunday, September 27** to pre-register online using the special pricing. After that, you will be required to pay the higher, at-the-door cost.

Dinner registration is possible using the Conference Registration at <http://www.aiche.org/Conferences/2009Regional/Galveston.aspx>. If you wish to attend the dinner WITHOUT attending the conference, you may pre-register for the dinner *separately* using our shopping cart: <http://www.sts-aiche.org/register.php>. If you have any questions about registration, please contact Alan Rossiter at Alan@Rossiters.org.

Our shopping cart requires the use of COOKIES. If you have cookies turned off, you may get a "session timed out" error. Please refer to the FAQ page in the shopping cart for details on how to turn cookies on.

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

Meeting Location - Moody Gardens Hotel, Galveston

This month's meeting will be held at the Moody Gardens Hotel in Galveston. From I-45 south, exit 61st Street. Turn right on 61st Street and again on Seawall Boulevard. Turn right on 81st Street to Jones Road. Turn left on Hope Boulevard to Moody Gardens.



Future Meetings

Date	Sponsor	Location	Dinner Speaker Topic	Comments
November 5, 2009	Victrex	Pelazzio : 12121 Westheimer Suite 130	Plastics	Joint meeting with Society of Plastics Engineers
December 3, 2009	None	Spaghetti Warehouse	Holiday Special	Arranged by Young Professionals. Bring your spouse, significant other, friends and colleagues.

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Register Now

2009 AIChE Regional Process Technology Conference

**October 1st and 2nd, 2009
Moody Gardens Hotel • Galveston, TX**

We hope you plan on joining your colleagues, friends and fellow chemical engineers at AIChE's 2009 Regional Process Technology Conference.

The AIChE South Texas Section, in cooperation with the AIChE national and other local sections wants to invite you to the 2009 AIChE Regional Process Technology Conference. This event is where you can gain information and insights vital to improve plant profitability and safety.

Get up-to-date on Distillation and Physical Properties, the latest best practices for Energy Efficiency and Process Safety as well as Advances in Oil Refining and Petrochemicals Technology. This year's conference agenda will give you an infusion of realistic ideas and strategies you can use now to advance both you and your company.

Preliminary Conference Agenda

October 1st

- **Session 1 – Physical Properties & Process Simulation**
- **Session 2 – Process Safety**
- **Session 3 – Advances in Petrochemicals Technology**

October 2nd

- **Session 4 – Distillation & Separation**
- **Session 5 – Energy Efficiency**
- **Session 6 – Current Issues and Opportunities in Refining**

Plus, you'll have the opportunity to learn and share experiences with your colleagues – all gathered in one location.

As an added conference benefit the 2009 Services and Equipment Expo will be free to all AIChE Regional Process Technology Conference attendees. Just use your conference badge for Expo admittance. Be sure to indicate on the registration form if you will be attending the Expo.

Join us for the one conference that will positively shape you and your company for the months and years to come.

Thanks to our Sponsors



REGISTER HERE by September 4th and save \$50 off the onsite registration fee.
[Click here](#) for more conference details.

Your Invitation to the October meeting / Process Technology Conference

You are invited to come and learn how you can improve the way chemical engineering is done for the benefit of your company and our country at the AIChE Regional Process Technology Conference.

In the morning of the first day, learn how to improve your process simulation results using the best available physical property data from some of our the industry's leaders, including the chair of the Physical Properties session, Ashok Dewan of Shell, who is also the Technical Director of AIChE's Design Institute for Physical Properties (DIPPR).

In the afternoon you can attend informative sessions on Process Safety chaired by Jack Chosnek of KnowledgeOne or Advances in Petrochemicals Technology chaired by Colin Bowen, VP of Olefins Technology for Shaw Energy and Chemicals.

That evening, we will hold our monthly South Texas Section dinner meeting at the Moody Gardens Hotel with a technical presentation by James D. Wetherbee of BP, whose company is sponsoring the dinner meeting. James will present the topic "Managing Risk in a Dangerous World" from his perspective and experience of commanding a space shuttle or working at a refinery. During his 20-year tenure with NASA, he flew on six space flights and commanded five – the only American to have commanded five missions in space (wow!).

The next morning, come hear the keynote address from June Wispelwey, AIChE's Executive Director, on the new Energy Initiative for AIChE – your chance to listen to and meet the boss of AIChE! Then you can attend either an Energy Efficiency session chaired by Kathey Ferland, Project Manager of Texas Industries of the Future, or a Distillation and Separations session chaired by Jose Bravo, Shell Global Solutions' Chief Scientist, Separations.

On the second afternoon, there is a technical session on Current Issues and Opportunities in Refining chaired by James Turner, Senior Director of Process Technology & Engineering at Flour and Past Chair of the Fuels and Petrochemical Division. You can also meet directly with technology companies in the exhibit hall and network with speakers and attendees during breaks and lunches that are included in your registration fee.

If you can't justify the registration fee, you can come to meet exhibitors and learn about new process technologies to help you succeed in your job at no cost. In these challenging economic times, it is vital for you to put technology to work to move your company ahead.

We are bringing some of the best technologists in industry to Galveston on October 1-2 to help justify you attending this Process Technology Conference right in your backyard. I hope to see you there so you too can help improve the way chemical engineering is done!

To sign up for the conference or to register for the free Process Technology Conference exhibition, please visit

<http://www.aiche.org/Conferences/2009Regional/Galveston.aspx>

Todd J. Willman,

Chair of the South Texas Section of AIChE



Process Technology Conference—Program Overview

Regional Process Technology Conference 2009 Program Overview

Thursday, October 1, 2009	Event	Location
8:00AM-6:30PM	Registration	TBD
9:00AM-12:00PM	Track 1: Physical Properties and Process Simulation	Exhibit Hall A1
10:00AM-6:00PM	Equipment and Services Expo	Exhibit Hall B
10:20AM-10:40AM	Coffee Break	Exhibit Hall B
12:00PM-2:00PM	Lunch and Networking	Exhibit Hall B
2:00PM-5:00PM	Track 2: Process Safety	Exhibit Hall A1
	Track 3: Advances in Petrochemicals Technology	Exhibit Hall A3
3:20PM-3:40PM	Coffee Break	Exhibit Hall B
5:00PM-6:00PM	Networking	Exhibit Hall B
6:00PM-8:00PM	South Texas Section Dinner Program Featuring NASA Astronaut James D. Wetherbee (Note: An additional fee is charged for dinner)	Floral Ballrooms A&B
Friday, October 2, 2009	Event	Location
8:00AM-2:30PM	Registration	TBD
9:00AM-9:45AM	Keynote Address Featuring June Wispelwey, AIChE Executive Director	Exhibit Hall A3
9:00AM-2:30PM	Equipment and Services Expo	Exhibit Hall B
9:45AM-10:00AM	Coffee Break	Exhibit Hall B
10:00AM-12:00PM	Track 4: Distillation and Separation	Exhibit Hall A1
	Track 5: Energy Efficiency	Exhibit Hall A3
12:00PM-2:00PM	Lunch and Networking	Exhibit Hall B
2:00PM-5:00PM	Track 6: Current Issues and Opportunities in Refining	Exhibit Hall A3
3:30PM-4:00PM	Coffee Break	Exhibit Hall A3

YP Events

With many new younger chemical engineers in the Houston area, our Young Professionals group is planning many events for the remainder of the year for networking and career building as well as fun, social events!



Join us for our next event on **Saturday, October 3rd from 10:00AM – 1:00 PM** at Texas Rock Gym for a pizza party and to enjoy Houston's largest biggest indoor rock climbing gym!

After the success of last year's membership night, we are having another "Ultimate Star Pizza" party **Friday, October 23rd from 5:30PM - 11:00PM**. This is a great chance to play video-games and meet with local Chemical Engineers!



Visit our **new** STS-AIChE YP Facebook page with news for all YP events and other Houston area news and events. Be sure to also check our webpage at <http://yp.sts-aiche.org/> for additional information on these and other events!

ioMosaic Presents.....

Effective Emergency Relief Systems Design Training

ioMosaic has developed an Effective ERS Design course with the objective of offering operating companies, engineering firms and regulatory agencies with a structured and comprehensive training program for a wide range of ERS design, risk management and compliance issues. This program offers core modules plus a wide choice of electives directed towards more complex ERS design challenges and methodologies.

Practical Emergency Relief Systems Training

October 19 - 21, 2009 | ioMosaic Houston Office

Overview

The Practical ERS Design module serves as an ERS primer and focuses on industry codes / standards, regulatory requirements, ERS contingencies, calculation methodologies, and long-term ERS data management.

This two and a half day course will help process / safety engineers and managers better understand, plan and execute future ERS design work for plant projects such as PHAs, unit expansions, debottlenecking studies, etc.

Auditing Emergency Relief Systems Training

October 21, 2009 | ioMosaic Houston Office

Overview

The Auditing ERS module provides guidance on how to conduct efficient and effective ERS design audits to ensure compliance safety, and reliability. Special emphasis is placed on how operating companies can leverage past efforts to bring their existing ERS documentation into compliance.

This half day module will help process / safety engineers and managers achieve compliance and address potential discrepancies in their ERS documentation.

Contact us for more information:

ioMosaic Corporation

2401 Fountain View Drive, Suite 850

Houston, Texas 77057

Tel: 713.490.5220 Fax: 832.553.7283

www.ioMosaic.com | sales@iomosaic.com

Vital Links

South Texas Section website: <http://sts-aiche.org>

South Texas Section Young Professionals Group: <http://yp.sts-aiche.org>

National AIChE website: <http://www.aiche.org/> (Needs Flash Plug-in)

Earn CEP credits at AIChE functions: http://www.sts-aiche.org/Texas_PE_CEP_Rule.html

Download the CEP log form: http://www.sts-aiche.org/STS-AIChE_CEP_Log.xls

Previous Newsletters (PDF format): <http://sts-aiche.org/newsletterArchives.htm>

Link to THIS newsletter: <http://sts-aiche.org/newsletter/news2009/news1009pdf>



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Process Technology Conference—Detailed Program for Thursday October 1

8:00AM - 6:30PM	Registration, Prefunction Area	
10:00AM - 6:00PM	Equipment and Services Expo, Exhibit Hall B	
9:00AM - 12:00PM	Track 1: Physical Properties and Process Simulation, Exhibit Hall A1	
	Chair: Ashok Dewan, Shell Global Solutions Co-Chair: Kenneth R. Hall, Texas A&M University	
9:00AM - 9:40AM	Ashok Dewan, Shell Global Solutions	Thermophysical Properties and Phase Equilibria: Best Practices in Process Simulation Software
9:40AM - 10:20AM	Kenneth R. Hall, Texas A&M University	Thermophysical Property Research at Texas A&M
10:20AM - 10:40AM	Coffee Break, Exhibit Hall B	
10:40AM - 11:20AM	Todd J. Willman*, EPCON International and Juergen Rarey, DDBST GmbH	Improving your Separation Process Simulation with Accurate Binary Parameters
11:20AM - 12:00PM	Jens Ahlers*, Juergen Rarey and Juergen Gmehling, DDBST GmbH	Present Status and Potential of Group Contribution Methods for Process Development
12:00PM - 2:00PM	Lunch and Networking, Exhibit Hall B	
2:00PM - 5:00PM	Track 2: Process Safety, Exhibit Hall A1	
	Chair: Jack Chosnek, KnowledgeOne	
2:00PM - 2:40PM	Stephanie Payne*, Jennifer Rodriguez and Dr. Mindy E. Bergman, Texas A&M University	The BP Baker Report – Assessing its Impact on Process Safety Culture
2:40PM - 3:20PM	Ian Sutton, AMEC Paragon	Process Safety – Offshore and Onshore
3:20PM - 3:40PM	Coffee Break, Exhibit Hall B	
3:40PM - 4:20PM	Chad Patschke, ABS Consulting	Preparing for the OSHA Chemical NEP through RA-GAGEP Compliance
4:20PM - 5:00PM	Jack Chosnek, KnowledgeOne	Committing Management to Process Safety
2:00PM - 5:00PM	Track 3: Advances in Petrochemicals Technology, Exhibit Hall A3	
	Chair: Colin Bowen, Shaw Energy & Chemicals Co-Chair: Kevin Todd, BASF	
2:00PM - 2:40PM	Dilip Dharia* and Colin Bowen, Shaw Energy & Chemicals	Olefin – Refinery Integration
2:40PM - 3:20PM	Vasant Bhirud, Ethylene Consultants	Olefin Co-product Links – Extraction, Hydrogenation, Isomerization
3:20PM - 3:40PM	Coffee Break, Exhibit Hall B	
3:40PM - 4:20PM	Kumar Sugavanam*, Georg Sieder, Andreas Northemann, and Hugo Garcia, BASF	Challenges in Developing an Advanced Post-Combustion Capture Technology
4:20PM - 5:00PM	Vincent Welch, Badger Licensing LLC	Overview of Advances in EB/Styrene and Phenolics Technologies
5:00PM - 6:00PM	Networking Hour, Exhibit Hall B	
6:00PM - 8:00PM	South Texas Section Dinner Program, Floral Ballrooms A&B (Separately priced and ticketed event)	
	James D. Wetherbee, BP and Former NASA Astronaut	Managing Risk in a Dangerous World

Process Technology Conference—Detailed Program for Friday October 2

8:00AM - 2:30PM	Registration, Prefunction Area	
9:00AM - 2:30PM	Equipment and Services Expo, Exhibit Hall B	
9:00AM - 9:45AM	Keynote Address, Exhibit Hall A3	
	Chair: Kristine Chin, AIChE	
	June Wispelwey, AIChE	Role of the Engineering Community to Address Energy and Sustainability Issues
9:45AM - 10:00AM	Coffee Break, Exhibit Hall B	
10:00AM - 12:00PM	Track 4: Distillation and Separation, Exhibit Hall A1	
	Chair: Jose Bravo, Shell Global Solutions Co-Chair: Lowell Pless, Tracerco	
10:00AM - 10:30AM	Jose Bravo, Shell Global Solutions	Science and Technology - Key to the Future of Separation Processes
10:30AM - 11:00AM	Andrew (Jack) Eckles, National Thermodynamics Laboratory	The Importance of Laboratory and Pilot Testing for Separation Processes
11:00AM - 11:30AM	Lowell Pless*, Tracerco, Christopher McKeown and Simon Xu, Shaw Energy & Chemicals	Troubleshooting the Diameter Transition Zone of a Depropanizer Tower
11:30AM - 12:00PM	Izak Nieuwoudt*; Pat Quotson, Koch-Glitsch	New Developments in Random Packing of Columns
10:00AM - 12:00PM	Track 5: Energy Efficiency, Exhibit Hall A3	
	Chair: Kathey Ferland, Texas Industries of the Future	
10:00AM - 10:30AM	M. G. Lorenz, Frank Roberto, ExxonMobil Chemical Co.	Steam and Power Optimizer, ExxonMobil Baytown, Texas
10:30AM - 11:00AM	Tin-Yin Lam*, Chevron Global Manufacturing and Todd J. Willman, EPCON International	Improve Refinery Energy Efficiency with a Cooling Water Fluid Flow Study
11:00AM - 11:30AM	Uyi Iyoha, Praxair, Inc.	Demonstration of Hydrogen Use in Steam and Air-Assisted Flares
11:30AM - 12:00PM	Ashutosh Garg, Furnace Improvements Services	Optimizing Fired Heaters Operation Save Energy
12:00PM - 2:00PM	Lunch and Networking, Exhibit Hall B	
2:00PM - 5:00PM	Track 6: Current Issues and Opportunities in Refining, Exhibit Hall A3	
	Chair: James Turner, Fluor Co-Chair: Syamal Poddar, Poddar & Associates	
2:00PM - 2:30PM	Ian Michael Glasgow*, Stan Polcar, and R.E. (Ed) Palmer, Mustang Engineering	Analysis of Greenhouse Gas Regulation Impacts to the U.S. Refining Industry
2:30PM - 3:00PM	Irwin A. Wiehe, Soluble Solutions	Crude Oil Compatibility for Mitigating Organic Fouling and Coking
3:00PM - 3:30PM	David Daniel Geddes, PREP Consulting, Inc	Options For Increasing Refinery Profitability
3:30PM - 4:00PM	Coffee Break	
4:00PM - 4:30PM	Soni Olufemi Oyekan*, Marathon Petroleum Co. and Salvatore Torrisi Jr., Criterion Catalysts & Technologies	Opportunities and Challenges in Transportation Fuels Production
4:30PM - 5:00PM	C.C. Shen and Mike Siravo*, Fluor	Maximize Diesel Production with Existing Refinery Facilities
* Speaker		

50 Year Members Acknowledged (1 of 2)



On Thursday, September 3, the South Texas Section – AIChE recognized eight members who have been AIChE Members for 50 years, more in some cases. These were (in alphabetical order):

Weldon E. Chollett – Mr. Chollett received his BSChE from Texas in 1951 and retired as Division Head of US Operations for Lubrizol Corporation. Weldon is a Senior Member of AIChE and also of Texas Society of Professional Engineers. He also served in the US Army Chemical Corps during the Korean War. He is the proud father of three children and nine grandchildren.

William Dimoplou – Mr. Dimoplou received his BSChE from The Cooper Union, New York City in 1957, his MSChE from New York University in 1962, and his MBA from University of Bridgeport in 1990. Since graduation, he has been employed by a number of major chemical engineering and construction firms including: The Lummus Co., Foster Wheeler, UOP, Inc., Shaw, Stone & Webster, Scientific Design Co. (Halcon-SD Group), Crawford and Russell, Co., SMC McEver Engineering, and Ref-Chem Engineering as a Process Design Engineer, Process Engineering Manager,

and Process Engineering Consultant.

Bill retired 2 years ago and reports that he and his wife moved to the Houston area 17 years ago from Connecticut and love it. Bill has been an AIChE member for 54 years – since the start of his senior year in college, (September, 1955, AIChE Student Chapter at Cooper Union) and is a Senior Member.

Ray N. Finch – Dr. Finch received his BSChE from Texas A&M in 1957, his MSChE from Texas in 1961, and his Ph.D. in ChE from Texas in 1963. In college he was a member of Tau Beta Phi, Phi Kappa Phi, Phi Lambda Upsilon, Omega Chi Epsilon. After graduation, he joined Celanese Chemical Company which was soon followed by El Paso Products Company. He then formed Finch Energy & Environmental Srv., Inc. 1984 and joined the faculty at Texas A&M University – Kingsville as an Associate Professor of ChE and NGE. He served as the chair of the ChE and NGE Departments and retired as the Chair of the Environmental Engr. Dept. in 2002.

Ray has been or is a Registered Professional Engineer in Texas, Louisiana, and New Mexico as well as being a Diplomate of The American Academy of Environmental Engineering. He also participated in the University of Texas Management Development Program.

Honors received include the 1963 South Texas Section Best Fundamental Paper Award, Engineer of the Year - Permian Basin Chap. TSPE – 1979, and Distinguished Alumni - TAMU Dept. of Ch.E. – 1999. Ray is a Senior Member of AIChE and served as Chair of the Permian Basin Section. He also served as President of the Odessa Industrial Development Corporation, was an officer of the Odessa Downtown Lions Club, and served as a Director and Vice

President of the South Texas Water Authority. He is also a member of the Texas A&M Former Students Association and is a Century Club Member.

Ray is the proud father of three children and has four grandchildren. He is a Bible Study Teacher and an Ordained Deacon of his church. He also plays golf, 42, and bridge, plus the usual other outdoor activities.

Henry Groppe – Mr. Groppe received his BSChE from the University of Texas in 1946. After graduation, he joined Dow Chemical Company in research and development. This was followed by Texaco, Inc. & Arabian American Oil Company, and Monsanto Company as director of development and long range planning for the hydrocarbons and petrochemicals division. In



Attending the September 2009 meeting were: From L to R: Ray N. Finch, William (Bill) Dimoplou, Henry Groppe, John C. Strickland

Continued on the next page.....

50 Year Members Acknowledged (2 of 2)



1955 he and Joseph Mares formed the consulting firm of Mares and Groppe which has since become Groppe, Long, and Littrell of which he is a partner.

Henry is an organizer and was the first national co-chair of the Petrochemical Energy Advisory Committee. He is also an entrepreneur engaging in development of new business ventures and founder or cofounder of companies such as: Texas Petrogas Company, Herramientes de Corte (saw blade mfg.), Southwest Chemical and Plastics, Inc. (Now part of Thikol), Space Industries International, Inc., Unibar Energy Services, Research Applications, Inc., Mitchell Group, and Metfuel, Inc. as well as serving as a director of Transco Energy Company, Tom Brown, Inc., Vaalco Energy, Inc. and First City Energy Finance Company.

His scientific and professional memberships include AIChE (Fellow), ACS, API, Am. Assn. for Adv. of Sci., TSPE, NSPE, and the Houston Society of Financial Analysts.

He is a distinguished graduate of the UT College of Engineering and has served as chair of the UT ChE Department's Visiting Committee and the UT Engineering Foundation Advisory Committee. He and his wife have also endowed a Professorship in

Engineering at UT.

Henry has also worked with the Houston Clean City Commission, Houston Area Food Bank, Houston Council on Human Relations, Houston Club, Houston Symphony, Friends of the Houston Public Library, and the Volunteer Action Center Foundation usually in the director position. He has also served as a Trustee of his Church and on the board of Sweet Briar College and was involved in organizing foreign exchange student host programs as either a chair or director. Lastly, he is a founder and director of the Preventive Medical Research Institute.

Spencer H. Landes – Mr. Landes received his BSChE from University of Illinois, Urbana in 1946 and his MSChE from Oklahoma State in 1951 and is a Senior Members of AIChE. He worked for Phillips Petroleum, Brown and Root, and Crest Engineering. He formed S. H. Landes, Inc. from which he retired as President, and also consulted. He is the proud father of a daughter, grand daughter, and two great grandsons.

A. Roy Price – Dr. Price received his BSChE in 1953, MSChE, and Ph. D. ChE in 1957 from Rice University. He worked for Exxon and Merichem Company retiring as Vice President of Development. Dr. Price was the Program Chair for the 22nd Annual Technical Meeting (1967). He was instrumental in the founding of STS' "Pollution Solution Group", is one of the founders of AIChE's Environmental Division, and led the group that made Buffalo Bayou run clear for a few hours as a demonstration that environmental problems could be solved by the application of chemical engineering principles. Roy is a Senior Members of AIChE and received the 1972 STS Distinguished Service Award.

John C. Strickland – Mr. Strickland received his BSChE from Auburn in 1955 and is a Senior Member of AIChE. After graduation, he joined Texaco working 10 years in refining research and 29 years in refining and petrochemical process design (Central Engineering Department). John holds 21 patents related to refining and petrochemical processing and retired from Texaco in 1994.

Julian R. Ward – Mr. Ward received his BSChE in 1959 from Rice University and is a Fellow of AIChE. He worked for Brown & Root and associated companies. Julian served as a STS Director ('73), Secretary ('74 & '75), Chairman-Elect ('76), Chair ('77), and Past Chair ('78). He was a Sponsor of the AIChE Student Problem in 1979 and received the 1979 STS Distinguished Service Award. Julian's professional memberships include National Society of Professional Engineers, National Association Of Corrosion Engineers, Filtration Society, and American Chemical Society. He is a Director and served as President of the Board of Rice Engineering Alumni. He has been a Registered Professional Engineer in Texas, Louisiana, Mississippi, and Arizona.

The South Texas Section congratulates these members on their achievements, and thanks them for their dedicated service to our profession.

Newsletter Announcement (From the Editor)

After 4 years and 40 newsletters, I am stepping down as Editor of The South Texan newsletter. I have had a great time doing the newsletter, I have learned so very much, and have been honored to serve the STS in this capacity, along with other positions along the way.

This December's newsletter will be my last.

So the position of Newsletter Editor is now available! It really isn't all that difficult. The newsletter is completed with Microsoft Publisher, included with any installation of Microsoft Office. Everyone who provides content to the newsletter knows what needs to be done—they just need a little friendly prodding now and then. With the new website coming soon, issuing the newsletter should be even easier than it is now.

One requirement is an excellent knowledge of grammar, punctuation, and how to be concise with wording. Believe it or not, engineers are not the best at this! Graphic design or an art degree is NOT required, but an eye for arranging things might be helpful. All my old newsletter templates will be made available, so there's no need to start from scratch.

I thank the STS for allowing me this opportunity.

Please contact me at SusanCannon119@aol.com if you would like further information on the position.

Sincerely,
Susan Cannon
Editor

Professional Development Workshop

The latest addition to the Workshop lineup presented by the South Texas Section is the Professional Development Workshop. The Chair for this workshop is Shilpa Dubey. The purpose of this workshop is as follows:

The first Professional Development workshop was chartered in April 2009 by STS-AIChE and presented for the first time at the September 2009 monthly meeting, with the topic "Outlook and Time Management."

The idea behind the Professional Development workshop is to have speakers provide information on subjects that are of interest to our local chemical engineer members but that do not necessarily follow the practice of chemical engineering.

Some examples of sessions planned are - *Engineering Ethics* by Alan Rossiter, Founder & President of Rossiter & Associates, *Become a Resonant Leader* by Stephen J. Blakesley, Managing Partner of GMS Talent LP, etc. The purpose of this workshop is to help develop our skills and enhance personal growth.

Please feel free to recommend or request a topic or speaker by contacting me by email at ShilpaDubey@gmail.com or by phone at (m)205-886-0408. See you at a workshop!



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. The C/EO page on the STS website is: <http://www.sts-aiCHE.org/ChemEngOpp.htm>.

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

Future City 2010 Competition (8th/9th Graders)

The mission of the National Engineers Week Future City Competition is to provide a fun and exciting educational engineering program for seventh- and eighth-grade students that combines a stimulating engineering challenge with a "hands-on" application to present their vision of a city of the future.

This will be accomplished by:

- * Fostering engineering skills, such as teamwork, communication and problem solving skills;
- * Providing interaction among students, teachers, and engineer mentors;
- * Informing the community about the multi-disciplines within the engineering profession;
- * Inspiring students to explore futuristic concepts and careers in engineering.

The National Engineers Week Future City Competition requires Problem-solving, Team work, Research and presentation skills, Practical math and science applications, and Computer skills. The competition employs a team-based approach. All members of the team have an important role that is necessary for the completion of the project.

FUTURE CITY Registration is already open. If your school has not registered yet or you someone who may be interested, please register quickly so that the teachers can participate in the workshop and receive resource material. Go to <http://www.futurecity.org/index.htm>.

Houston Region Deadlines: School Registration **Oct 24, 2009**, City design Softcopy by email: Saturday December 5, 2009, Abstract and Essay by email: Saturday, January 16, 2010, Regional Competition (@ San Jacinto Central) , Set up Friday January 22, 2010, Final Saturday January 23, 2010.

South Texas Section AICHE

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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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—— 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:

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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-aiiche.org with comments, questions, suggestions, and ideas for next month.

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