




Gulf Coast Section

AUGUST  
2017

# CONNECT

SPE GULF COAST SECTION NEWSLETTER



**SURFACTANT CHEMISTRY  
AND ITS IMPACT ON  
OIL AND GAS RECOVERY IN  
SHALE PLAYS**

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**AN OVERVIEW OF SPE'S CLIMATE  
CHANGE STRATEGY**

HSSE-SR P. 8

**NEW COMPETENCY MATRIX FOR THE  
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IN UPSTREAM O&G**

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# CHAIR'S CORNER



## TREY SHAFFER

2017-2018 SPE-GCS Chair

The SPE Gulf Coast Section extends a warm welcome to our new chair, Trey Shaffer with ERM. We thought we'd introduce him by sharing part of our conversation:

### Connect: How did you wind up in Houston?

People often say "I wasn't born in Texas but I got here as quick as I could." That statement is true for me, and I can also say that "I got to Houston as quick as I could." In 1999, when my first daughter was born, I was working for Boots & Coots. I lived in Dallas and maintained an apartment in Houston. My boss famously called me on the day my daughter was born and told me to come to Houston. I told him I was going to take some vacation and would come see him the following week. His response went something like this: "Oh, I'm sorry I wasn't clear ... I want you to move to Houston. I have arranged for you to spend three days with a Realtor to find a new place to live." Within two months, our new family was in Houston, and we settled in Katy.

### Connect: What do you think makes Houston and the Gulf Coast region such a great place to live and work?

I began my professional career in Texas in about 1989 and I will probably end my career in Texas. As a health, safety and environment (HSE) professional supporting the oil and gas industry, it is hard to imagine a better place to live and work. Despite the periodic market challenges, Houston remains a thriving multicultural community. I think of Houston as the doorstep to the world. Since moving to Houston, I have had an opportunity to travel to 22 countries for business. As a 15-year Senior Partner with ERM ([www.erm.com](http://www.erm.com)) and as a 15-year volunteer in SPE, my network of friends and colleagues has become truly global.

### Connect: How has SPE helped you in your professional life?

My involvement with SPE began about 15 years ago when I joined the organizing committee for the North America HSE conference. Several years later, Ken Arnold (for the GCS Board) asked me if I would restart the HSSE-SR Study Group. Since then, SPE has been an ongoing part of my professional work life. I've had the opportunity to collaborate with hundreds of colleagues on the most important HSE topics, meet people in all disciplines, and, most of all, expand my understanding of the challenges facing the industry. SPE is home to about 5,000 HSE professionals, and I have yet to find another organization that offers an individual the ability to learn from and connect with a better group of professionals.

### Connect: You are part of ERM, a global HSE consultancy. What are a few of the key HSE challenges that you see on the horizon?

There are many challenges but I'll briefly address two: license-to-operate and keeping our people safe.

On the license-to-operate challenge, both shareholders and stakeholders have put pressure on the oil and gas industry for many years. However, the intensity seems to have shifted following the Paris Climate Agreement. In the wake of the Paris Climate Agreement, investor groups like Wespath have been successful in persuading institutional investors to vote in favor of the Climate Change Impact Assessment Report Resolution, which has been recently adopted by several companies against the recommendation of their respective boards of directors. But climate change is not the limit of the current challenges. Stakeholders have also challenged the Dakota Access Pipeline (DAPL), which is causing the largest banks in the world to consider changes to lending requirements for certain projects that would recognize the lessons learned from financing DAPL.

As for keeping our people safe, one could argue that this is the most important responsibility that we all have to ourselves and to our colleagues. Between 70-90% of industrial accidents are attributable to human factors. When the human element is broken down further, the majority

of these errors — over 70% — are system-induced errors related to latent organizational weaknesses (e.g., misaligned incentives, production targets, shortcuts, etc.). These data is supported by US Department of Energy reports that indicate more than 80% of all incidents are related to human error. These data is also supported by studies conducted by the OSHA in the US and the Health and Safety Executive (HSE) in the UK. Considering the pace of change in our industry combined with changes in the workforce, safety is unquestionably an opportunity for continuous improvement.

### Connect: Last word?

I would like to offer a sincere thank you to Deepak M. Gala from Shell for his leadership of the Gulf Coast Section over the past year. We have gotten to know each other, and I greatly appreciate his support and mentorship. I look forward to Deepak's contributions over the next year in his role as the Past Chair. I am truly grateful for leaders like Deepak who are willing to significantly invest their time and energy for the betterment of the Society of Petroleum Engineers. In addition, I have greatly appreciated the Board's leadership and tireless work over the past year to deliver a successful financial year in a difficult economy. Thanks to every volunteer throughout the section who helped deliver a great year. I expect the 2017-2018 year to be equally challenging, but I look forward to working with the leadership team to continue the work.

### QUICK TAKE:

#### Number of SPE conferences/workshops

**co-chaired:** I co-chaired the 2017 SPE International HSE conference in Norway and have chaired two social responsibility workshops in Paris and Calgary. I also co-chaired a Community Health Forum in Miami.

#### Must-haves for YPs to succeed:

Strong communication skills.

#### Last International business trip:

Aberdeen, Scotland.

**Last Book I read:** *Darwin's Blind Spot: The Role of Living Interactions in Evolution* by Frank Ryan.

**Hobbies:** Genealogy, paleontology, reading, and camping, to name a few.

# August 2017

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## STUDY GROUP PRICING

(unless specified separately)

### MEMBERS

\$40/\$55 Walk-In

### NON-MEMBERS

\$55

### STUDENTS/MIT/RETIRED SPE

\$15

## BOARD OF DIRECTORS MEETING

THURSDAY, AUGUST 17

7:30 TO 10:30 AM

## 2017-2018 KICKOFF MEETING

FRIDAY, AUGUST 18

1:00 TO 4:00 PM

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# SPE-GCS VOLUNTEER SPOTLIGHT

This month the SPE Gulf Coast Section is excited to feature Juliette Pearson and Roger Hite as Volunteers of the Month.



## JULIETTE PEARSON

**J**uliette has been active in SPE-GCS since relocating to Houston last year. She started her involvement with the Education/Scholarship Committee and then engaged with the Members in Transition (MiT) program. As part of the Software Committee, Juliette has helped to bring software training programs and free licenses to MiT. She led the inaugural Upstream Oil and Gas Professional Hiring Event in March 2017. Juliette served as SPE liaison with Pay It Forward Network, an MiT focused networking group. Juliette is also part of the Permian Study Group, where she supported the successful 2017 Permian Symposium.

Juliette is a petroleum engineer with 15 years of experience in both unconventional and conventional gas and oil asset development. She began her career in Colombia, left to pursue a master's in the US, and then was one of only two recruits hired by Amoco from her program. She worked as a drilling engineer in Houston and in the field on HPHT wells.

Juliette later transferred to international projects with Amoco in Colombia and then Argentina. After Argentina, she transferred to Amoco/BP Canada, where she worked as an exploitation/reservoir engineer. During her experience in Canada at BP and then CNRL, she focused on increasing reserves and production while reducing costs and improving metrics through evaluation and characterization of reservoirs, application of new technology, and post-appraisal learnings. Juliette now works as a contract reservoir engineer for Australis Oil and Gas in the Tuscaloosa Marine Shale.

Juliette holds a BS in petroleum engineering from Universidad America in Colombia and a master's in petroleum geology from the University of Cincinnati.

"I love helping others through the SPE-GCS in order to give back to an organization that gives unparalleled support to MiT and other professional members," she says.



## ROGER HITE

**R**oger first joined SPE in the early 1970s. He was asked to form a new lunch meeting for the Gulf Coast Section. Before that time, there was only one meeting per month: the General Meeting, held during the supper hour. It turned out most of the members preferred meeting at noon. Because of that, the noon luncheon eventually became the General Meeting.

Over the years, Roger has been involved with many SPE activities. He chaired the Distinguished Lecturer Committee for several years, organized and led the Digital Energy Conference, chaired the Gulf Coast Section in 2006-2007, and much more. He currently serves as the Gulf Coast North American Regional Director.

Roger is a petroleum engineering consultant and part owner of a small producing company in Louisiana. He believes this diversity of roles gives him a great perspective on what drives the industry.

Volunteering with SPE "is the best way to continue your education, especially for those of us who did not study petroleum engineering in college," Roger says.

His educational background is in chemical engineering. "The engineering principles are the same, but the applications are quite different," he says. He knew a lot about distillation columns and turbulent flow, but had a lot to learn about relative permeabilities, enhanced oil recovery, casing and well logs, and many other things.

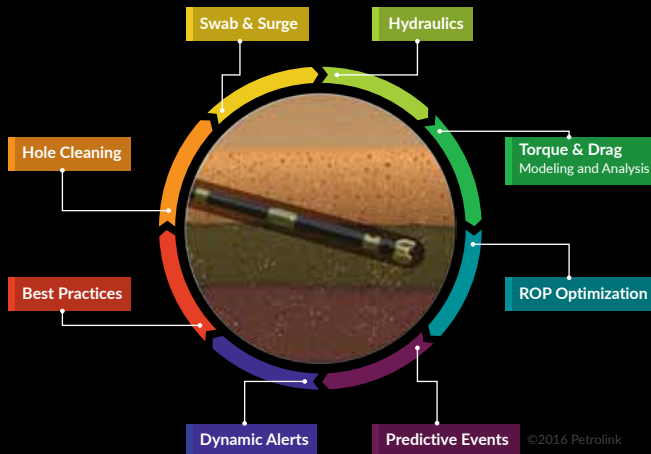
Roger enjoys working with people and helping others. His involvement with the Members In Transition (MiT) Committee has been very rewarding, and he hopes it has been a help to others. Roger believes it is important to give back to his profession. "My involvement with SPE has been a wonderful opportunity to meet new people and to contribute to the industry that has been so rewarding to me," he says.

**THANK YOU BOTH FOR ALL THAT YOU DO FOR SPE!**

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## WORTHWHILE CONVERSATIONS

### AVOIDING MEDICARE PREMIUM SHOCKS

#### Q: Why are people nearing age 65 intimidated by Medicare?

Health insurance is a key item for those approaching 65. But in our 45 years of working with clients, we get more questions after clients have enrolled in Medicare. Typically, it's a shock when premiums increase significantly. Medicare premiums can jump by 200%, if triggered by a bump in income. The trigger might be starting a pension, selling property at a capital gain, or receiving Required Minimum Distributions (RMDs) from IRAs. We recently met a retired power company executive who sold a small amount of stock to pay off his daughter's student loans. This small sale increased his Medicare premiums by 42%, or \$2,100.

#### Q: Ouch! Seems pretty unfair.

Medicare premium increases are retroactive, not marginal, like income taxes. One extra dollar of income can add thousands to premiums. The solution is planning, and the best planning starts before retirement. That's surprising because retirees may not yet be 65 or even eligible for Medicare.

#### Q: Can you give an example?

A recent client, retiring at age 66 with a pension from a major oilfield service company, was planning to do consulting for 2 years. Our team, which includes CPAs, CFA<sup>®</sup> Charterholders and CFP<sup>®</sup> Practitioners, concluded it best for him to defer his Social Security benefits until they max out at his age 70. He'll use IRA money when his consulting income ends; thus, lowering the Required Minimum Distributions from IRAs which begin at age 70 1/2. This is like solving a puzzle, because we tested a variety of combinations to discover the optimum income configuration to minimize Medicare premiums. We projected a premium savings of \$20,000 over 10 years.

#### Q: Any final words of wisdom?

Be careful about advice. Some "financial advisors" use Medicare anxiety to promote product sales, such as pitching an annuity or some other product. It may indeed reduce Medicare premiums, but at a cost of taking on significant hidden costs. Our team is ready to provide fiduciary advice right here, right now, at our offices in the Galleria or The Woodlands.



The Linscomb & Williams team discuss Medicare and the importance of planning prior to retirement. (Left to right: George Williams, JD, CFP<sup>®</sup>; Carolyn Galfione, CPA, CFP<sup>®</sup>; Ryan Patterson, CFA, CFP<sup>®</sup>; G. Walter Christopherson, JD, CFP<sup>®</sup>; Heidi Davis, CPA/PFS, CFP<sup>®</sup>; Foreground: J. Harold Williams, CPA/PFS, CFP<sup>®</sup>)

For more information, or a copy of our Form ADV, Part II, with all of our disclosures, call Harold Williams at 713 840 1000 or visit [www.linscomb-williams.com](http://www.linscomb-williams.com).

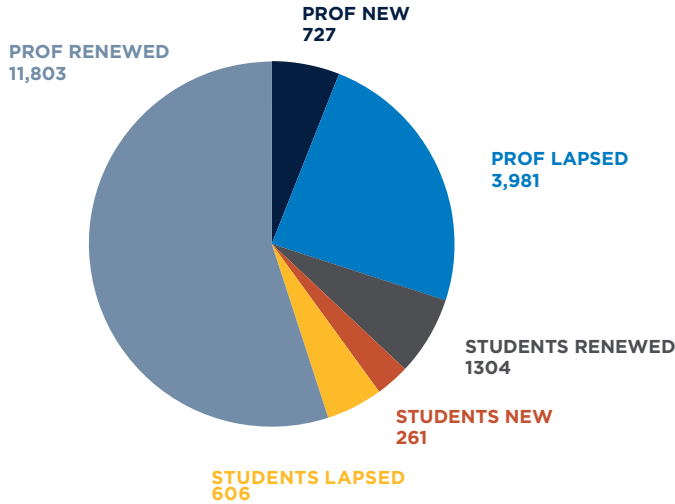
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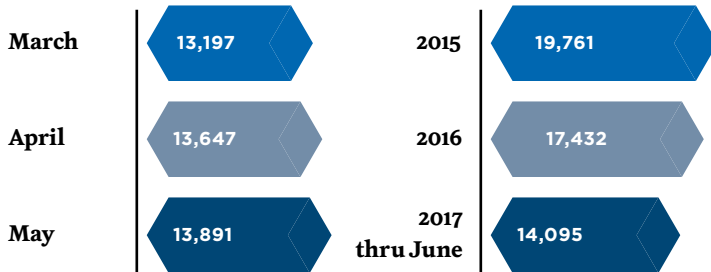
Linscomb & Williams is not an accounting firm.

# SPE-GCS MEMBERSHIP REPORT Through June 2017

## TOTAL SPE-GCS MEMBERSHIPS



## CURRENT MEMBERSHIP TRENDS



## STUDENT MEMBERSHIPS

STUDENTS	RENEWED	NEW	TOTAL*
HCC	34	17	51
Prairie View	16	7	23
Rice	64	62	126
Texas A&M	820	100	920
UH	345	72	417
Unassigned	25	3	28
<b>TOTALS</b>	<b>1304</b>	<b>261</b>	<b>1565</b>

\*This value does not reflect lapsed student memberships

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## 2016 PROFESSIONAL ENGINEERING EXAM RESULTS FOR PETROLEUM ENGINEERING

First Timers 66% Second+ Timers 40%  
National Average Pass Rate 60

PE Exam Application Deadline Date: July 1, 2017  
Next Petroleum PE Exam Date: October 27, 2017

2017 HOUSTON COURSES  
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[winrockengineering.com](http://winrockengineering.com)



*Tuesday 8.8.17*

**11:30 AM – 1:00 PM**

**SPEAKER**

Trey Shaffer  
Senior Partner  
Environmental Resources  
Management

**LOCATION**

Marathon Oil Tower P1021  
5555 San Felipe St  
Houston, TX 77056

**EVENT CONTACT**

Kathleen Antoine  
kathleencantoine@gmail.com

## HSSE-SR

### An Overview of SPE's Climate Change Strategy

Recent developments in climate change policy, such as The Paris Agreement developed at COP21, have the potential to change the infrastructure of the energy and chemical industries and present a new landscape of opportunities and challenges for SPE and its members. This presentation will provide an overview of the strategy that the SPE Board of Directors approved at the March board meeting in Bangkok.

#### TREY SHAFFER



Trey Shaffer is a Senior Partner with ERM based in Houston. He helps clients with a broad range of sustainability, environmental and safety challenges. In 2014, Shaffer was elected to the SPE International Board of Directors as the HSSE-SR Technical Director. In 2016, he was elected Vice Chair of the SPE Gulf Coast Section and will begin his term as Chair in August. Shaffer supports numerous SPE activities globally and is a frequent speaker on environmental and sustainability topics.

#### PARKING AND ADDITIONAL INFORMATION:

Visitor parking is available in the Visitor Garage, levels G-1 and G-2. Parking is metered and payable by credit card only. All visitors must check in on Level 2 at either the Tower Concierge Desk or the Marathon Oil Corporation Reception Desk. Please have photo identification available upon check-in. Lunch will be provided at 11:30 AM, followed by the speaker's presentation from 12:00 – 1:00 PM.



*Wednesday 8.16.17*

**5:30 PM – 7:30 PM**

**SPEAKERS**

Manas Satapathy  
Prashant Mehrotra  
Accenture Strategy Energy

**LOCATION**

Station Houston  
1301 Fannin St, Suite 2440  
Houston, TX 77002

**EVENT CONTACT**

Supriya Gupta  
supriya026@gmail.com

## DATA ANALYTICS

### Asset and Portfolio Management Using Analytics

The Data Analytics Speaker Series focuses on demonstrating case studies and application of analytics in oil and gas. This month, Manas Satapathy will discuss digital asset management in oilfield equipment and services. He will share examples of how oilfield service companies can use digital technologies and advanced analytics techniques to manage their assets. Prashant Mehrotra will talk about new approaches to E&P portfolio construction and how operators can use a systematic, analytical approach to optimize the risk-return profile of their asset portfolios. He will also share examples of how digital technologies can enable efficient capital allocation in upstream oil and gas.

#### MANAS SATAPATHY



Manas Satapathy is a Managing Director at Accenture Strategy Energy, where he leads the North America Digital Strategy Practice. He has worked with several large energy, mining, and oilfield services companies across a variety of topics including supply chain, asset management, strategy, M&A and digital transformation. He holds an MBA from University of Chicago Business, an MSME from Purdue University, and a BSME from Indian Institute of Technology.

#### PRASHANT MEHROTRA



Prashant Mehrotra is a Manager with Accenture Strategy Energy. He focuses on North American E&P industry across topics such as portfolio planning, supply-demand modeling, technology & innovation management, digital transformation, organization design and operations. He holds a B Tech degree from Indian School of Mines and an MBA from Harvard Business School.



## NORTHSIDE

### **SPE Distinguished Lecture: Surfactant Chemistry and Its Impact on Oil and Gas Recovery in Shale Plays**

In the current low oil-price environment, it has become critical to enhance production and add reserves, with only a limited number of wells being completed in shale plays by means of hydraulic fracturing. Surfactant is a fracturing additive that can enhance initial production and sustain long-term production without the need to make significant changes to fracture design and pumping schedule on location. However, to achieve improved well flow, surfactant must be carefully selected.

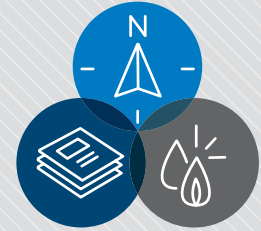
The lecture gives a concise overview of surfactant chemistry and its most relevant parameters for hydraulic fracturing. In particular, the key characteristics of surfactant additives will be discussed in terms of conventional wisdom and newer chemistry.

The presentation will also provide insights into potential synergies between surfactant and other additives, such as friction reducer, scale inhibitor, biocide, and proppant, and thereby suggest a better fracturing fluid design. When properly selected, surfactant containing fracturing fluids tends to lead to better well cleanup and higher ultimate oil recovery.

#### LIANG XU



Liang Xu is technical manager for fracturing fluid additives at Multi-Chem, a Halliburton Service. Having worked in the oil patch for approximately 10 years, he is responsible for developing fracturing additives that include surfactant, friction reducer, and proppant transport, among others. Xu received the MVP award for surfactant technologies from Halliburton Academy, and his RockOn surfactant technology was voted the best production chemical in 2013 by World Oil. He has authored or coauthored more than 15 SPE papers and has been issued several patents. Xu holds a PhD in chemical engineering from the University of Houston.



*Tuesday 9.12.17*

**11:30 AM – 1:00 PM**

#### **SPEAKER**

Liang Xu  
Completions  
Halliburton

#### **LOCATION**

SWN Campus  
10000 Energy Dr  
Spring, TX 77389

#### **EVENT CONTACT**

Jon Spencer  
jon.spencer@tracerco.com

## PETRO-TECH

### **New Competency Matrix for the Petro-Tech Community**

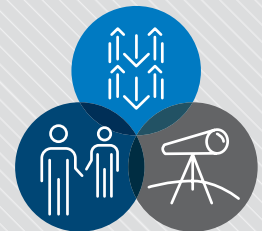
The petro-tech community, also referred as “technician/analyst,” is a vital role that supports engineering, geoscience, and associated teams at E&P and service companies. PetroSkills, in cooperation with Pioneer Natural Resources, has drafted a competency matrix for this role. The document is an inventory of 150 technical, business and soft skills across nine knowledge areas with proficiency levels from awareness to mastery. This draft matrix will be reviewed by additional PetroSkills Alliance volunteers and offered as an approved reference to members and licensees for competency assessments, career development, training, and recruiting. The presentation will summarize the project and review the knowledge areas and skills. In addition, Pioneer will present how they used the matrix in a competency assessment of over 100 petro-tech personnel. They will share lessons that will be valuable to companies considering a similar effort.

#### BILL KEMP



Bill Kemp has been a Strategic Account Manager for PetroSkills since 2013. He is responsible for providing member/client workforce development, competency consulting, training, and software solutions. Previously, Kemp had several sales management and marketing positions for the Oilfield Technology Group of Hexion from 2004-2013. He began his career with Halliburton as a field engineer-in-training.

He had numerous field engineering, technical sales, product marketing, and account management positions of increasing responsibility during his 23-year career. He left Halliburton in 2000 to start a consulting company specializing in oilfield market research and new technology commercialization. Kemp has been active in SPE locally and nationally. He has a BSEE from the University of Texas at Austin.



*Tuesday 9.12.17*

**11:30 AM – 1:00 PM**

#### **SPEAKER**

Bill Kemp  
Strategic Account Manager  
PetroSkills

#### **LOCATION**

SPE Gulf Coast Section Office  
10777 Westheimer Rd  
Houston, TX 77042

#### **EVENT CONTACT**

Vanessa Mills  
vmills@collarini.com



## Where Are They Now?

### PAST SCHOLARSHIP WINNERS

The Scholarship Committee conducted a survey of past recipients of the SPE-GCS scholarship. If you're considering donating to the SPE-GCS scholarship fund or hiring an SPE-GCS scholarship winner, you'll be glad to know that the program has enjoyed considerable success over the past six decades. Here is Yogashri Umesh Pradhan's story:

I served as a student engineering council representative for UT SPE, president of Women in Petroleum and Geosystems Engineering, and captain of UT's PetroBowl team in 2014. In my senior year, I advanced in all three levels of the BS Division of SPE's Student Paper Contest and won the international division at the 2015 ATCE conference.

Those achievements would not have been possible without the mentors and teammates I had in the department and in internships. The SPE-GCS scholarship helped make my education affordable and opened many networking opportunities. In fact, after my GCS scholarship announcement, I was given the opportunity to intern at my first mentor's consulting firm before entering university. Some recruiters and peers knew my name due to the scholarship before actually meeting me. I developed a positive personal brand through the scholarship, increasing my chances for interviews and internship offers.

The scholarship made me realize how supportive the SPE-GCS community is, and it encouraged me to not only pursue my passion in petroleum engineering but also to solidify professional relationships within SPE. Today I hold various positions in GCS study groups and SPEI conference committees. I also serve on the Young Professionals Board. I chose to work for companies where the employees hold positions within the local SPE section, and I am glad I made that choice.

My advice to students is to never stop learning and to ask a lot of questions. You will meet people from various backgrounds, and it is important to gain varied exposure. You will also need to work with others who have different learning and communication styles and put yourself in environments out of your comfort zone. Finally, it never hurts to expand your network—you never know who could introduce you to more opportunities.

## YOGASHRI UMESH PRADHAN



### CAREER OVERVIEW

**Production Engineer,  
Texas Oil and Gas Institute**

- Clements High School - 2011
- University of Texas at Austin, BS in Petroleum Engineering - 2015

### SPONSORSHIP

[spegcs.org/sponsorship-opportunity/](http://spegcs.org/sponsorship-opportunity/)

### DONATION INFO

[spegcs.org/spegcs-scholarship-fund/](http://spegcs.org/spegcs-scholarship-fund/)

## SPE-GCS 2017-2018 Kickoff Meeting

Our 2017-2018 SPE Gulf Coast Section Kickoff meeting will be Friday, August 18 at Occidental Petroleum Corporation. This is an important opportunity to share contacts and best practices among our member volunteers and to learn from each other.

The "State of the Section" report will be given from 1:00 - 3:00 PM. Following that, special training will be held for the 2017-18 SPE-GCS committee and study group chairs, vice chairs, program chairs, publicity chairs, treasurers, and new volunteers from 3:00 - 4:00 PM.

Please plan on joining us if possible. Everyone is welcome, and attendance is free of charge. Make sure to register as soon as possible so that we may arrange for participant materials and refreshments for all.

Here is a wonderful chance to learn about the SPE Gulf Coast Section activities for all of those who want to be involved and become contributors!

## EVENT INFO

FRIDAY

**8.18.17**

1:00 PM - 4:00 PM

### EVENT LOCATION

Occidental Petroleum Corporation  
5 Greenway Plaza  
Houston, TX 77046

### ONLINE REGISTRATION

[spegcs.org/events/3627/](http://spegcs.org/events/3627/)

### EVENT LOCATION SPONSOR



Occidental Petroleum Corporation

## SPE-GCS YP Volunteering at the Houston Food Bank

Join other YPs to help the Houston Food Bank meet its goal of serving 100 million nutritious meals to the Houston community by 2018. Volunteers produce the equivalent of a meal a minute while helping the Houston Food Bank sort, process and pack food. And it's fun!

The YP Community Outreach Committee planned this event so that we can make a difference while getting to know more people from our industry.

We will help out at the warehouse. Projects will depend on the Food Bank's needs and may include inspecting/sorting food, repacking dry food into family-sized bags, and stocking/cleaning the emergency food pantry.

Volunteers are required to wear closed-toed shoes and sleeved shirts.



### EVENT INFO

SATURDAY

**8.12.17**

8:00 AM - 12:00 PM

#### EVENT LOCATION

The Houston Food Bank/  
Portwall Headquarters  
535 Portwall St  
Houston, TX 77029

#### EVENT CONTACT

Catalina Leal  
832-854-2848  
catalina.leal@bakerhughes.com

#### ONLINE REGISTRATION

[spgcs.org/events/3625/](http://spgcs.org/events/3625/)

## SPE-GCS YP Volunteering at The Beacon

Please join SPE-GCS Young Professionals in their support of The Beacon, a nonprofit organization helping the poor and homeless populations of the Houston area. Since opening in 2007, the Beacon has grown from serving 80 clients per day to serving 600-800 clients daily in four core programs: The Beacon Day Center, Cathedral Clinic at The Beacon, Brigid's Hope at The Beacon, and Cathedral Justice Project at The Beacon. These four programs come together under one roof to provide meals, showers, laundry service, case management, medical and psychiatric care, pro bono legal services, and pastoral care. More than 85% of the services of The Beacon are operated by volunteers.

Please have a good breakfast to stay energized throughout the event, which extends beyond the regular lunchtime and involves some physical activity. Donations of gently used or new items are appreciated.



### EVENT INFO

SUNDAY

**8.20.17**

10:30 AM - 2:00 PM

#### EVENT LOCATION

The Beacon -  
John S. Dunn Outreach Center  
1212 Prairie St  
Houston, TX 77002

#### EVENT CONTACT

Catalina Leal  
832-854-2848  
catalina.leal@bakerhughes.com

#### ONLINE REGISTRATION

[spgcs.org/events/3646/](http://spgcs.org/events/3646/)



# Help Our STEM Mentoring Program Grow

The SPE-GCS High School Volunteer Mentoring Program seeks to add more volunteers for the 2017-2018 school year.

Last school year, over 30 volunteers — some retired, others still working — logged 1,800 hours helping students around Houston enhance their understanding of science and math. They report that working with students is very rewarding.

In the coming school year, STEM mentoring volunteers will serve at the following schools:

- Spring Branch ISD: Memorial
- Conroe ISD: The Woodlands College Park
- Katy ISD: Taylor High School, Mayde Creek High School
- Cy Fair ISD: Cy Ranch
- Houston ISD: Energy Institute, Lamar, Westside
- Fort Bend ISD: Clements, Willowridge, Dulles, Elkins, Kempner, Austin



## What Volunteers Do

Program volunteers are mostly in the classroom, following what the teacher is covering and helping students to understand the presented materials. At two high schools, tutoring occurs after school or on the weekend. Volunteers mainly work with on-level biology, chemistry, physics, mathematics, and engineering classes, with a few helping at the AP level. Besides being in the classroom, volunteers give students a perspective on the importance of STEM subjects in the job world.

## Volunteer Qualifications

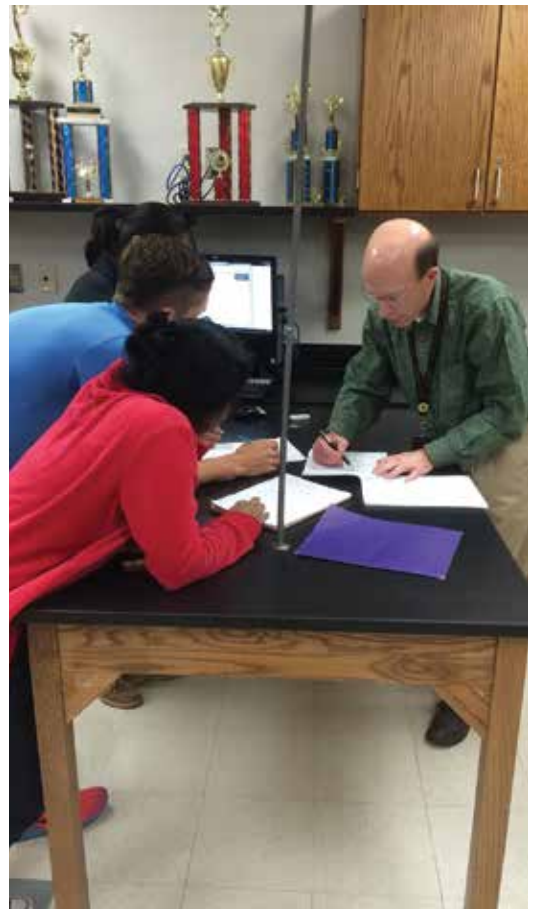
- An engineering, science, business, or technology degree.
- Willingness to commit to a minimum of a few hours at least one day per week helping in the classroom. This commitment helps ensure continuity of effort, gaining the trust of teachers, administration, and students and keeping the tutoring program viable.

## History of the Program

The SPE-GCS High School Volunteer Mentoring Program was created in January 2013 at Dulles High School in Fort Bend ISD by Dick Murphy, a retired Marathon Oil Company engineer and an SPE member. Dick, an FBISD substitute science teacher, realized that having a technically competent volunteer in the classroom assisting the teacher would help more students understand science and math materials. After a successful test program and a pilot program a year later with SPE-GCS members, the program was expanded.

## To Sign Up

Email Dick Murphy at [stancal@windstream.net](mailto:stancal@windstream.net). Company retiree groups or other special interest groups can also schedule an in-person presentation about the program for their organization.



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# Members in Transition Initiative

## 19TH SEMINAR SERIES

The SPE Members in Transition Seminar Series includes topics of interest to SPE members who are between jobs during the current industry downturn or looking for new opportunities. This month's agenda features "Successful Startups and Job Interviews," "Entrepreneurship," "Where Is Value? Where Are You? Where Is Your Customer?" and a discussion of resources for SPE members.

### Program 1: Successful Startups and Job Interviews

According to a recent Deloitte survey, oil executives believe that 2017 is a year of recovery. What do startups and job interviews have in common? This session will cover how to navigate chaos, sell with no sales experience, and push through the inevitable pain of rejection and failure.

#### JEREMY BENNETT



Jeremy Bennett is the owner and CEO of J Bennett Recruiting, a retained search firm specializing in finance and accounting executives at oil and gas companies in Houston. He has almost 20 years of recruiting experience in finance and accounting. Before starting JBR, Bennett was a founding employee of Addison Group.

### PROGRAM 2: Entrepreneurship

Kemal Farid will discuss his 30-year journey as an entrepreneur and his current endeavors as a venture capitalist. What are the challenges of entrepreneurship? What does it take to build a successful company? What is the role of capital in technology ventures?

#### KEMAL FARID



Kemal Farid is a Managing Director of BlueVine Ventures, a multistage venture capital firm, focusing on industrial and scientific technology. He previously founded Merrick and was awarded Ernst & Young's Entrepreneur of the Year in 2011. He earned a BS degree in electrical/computer engineering from University of Texas at Austin and an entrepreneurship master's from Massachusetts Institute of Technology.

### PROGRAM 3: Where Is Value? Where Are You? Where Is Your Customer?

The essential value of a petroleum engineer is always applicable. We've endured the painstaking balancing of risk and value to conduct a precious resource to the light of day and connect it with customers where humanity is served. Our essential task in this world is to make breakthroughs and connect value from where it is to where it better serves humanity.

#### MICHAEL DAVIS



Michael Davis is an internationally recognized advisor, contributor, and catalyst of team spirit in the teamwork of higher-performing teams. He appropriates genuine people into competent teams with spirit, aspiration, inspiration, transpiration, perspiration, trust, intention, accountability, responsibility, and integrity. Davis focuses on critical issues, tasks, elements, spaces, and a quintessential mindset that creates "work situations" leading people to succeed.

## EVENT INFO

FRIDAY

**8.25.17**

10:00 AM - 3:00 PM

### SPEAKERS

Jeremy Bennett  
Chief Executive Officer & Owner  
J Bennett Recruiting

Kemal Farid  
Managing Director  
BlueVine Ventures

Michael Davis  
Chief Executive Officer  
Drill Science Inc.

### LOCATION

Houston Technology Center  
410 Pierce St  
Houston, TX 77002

### EVENT CONTACT

Susan Howes  
713-553-5020  
c.susan.howes@gmail.com

Ashish Fatnani  
832.415.6835  
ashish.fatnani@halliburton.com

### MEMBERS

\$40/\$50 Walk-In

### NON-MEMBERS

\$50

### STUDENTS/MIT/RETIRED SPE

\$15

Registration capped at 70

# SPE-GCS Young Professionals Board Concludes Another Successful Year

## AND GETS READY TO START THE INCOMING YEAR WITH 15 NEW MEMBERS

The YP Board represents a diverse group of Young Professionals (YPs) working in the oil and gas industry in the Gulf Coast area. Together they learn how to develop and leverage skill sets and become future industry leaders.

August marks the end of the term for the 2016-2017 Board, and the new board is in place for 2017-2018.

During the past year, this team of young professionals has led professional, networking, and community outreach events that have touched the lives of over 1,000 young professionals in the Houston area.

We want to recognize the hard work of the outgoing Board members.

The past two months have been the transition period when outgoing and incoming members have worked together to share knowledge and lessons learned and to plan the events and initiatives for the year to come. They are now ready to start this year full steam ahead.

SPE-GCS welcomes the incoming YP Board and recognizes the desire to continue helping the SPE mission with a special focus on the development of Young Professionals who will be our future leaders.

### 2017-18 SPE GCS YP Board

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**Vice Chairman**

Shakti Sehra, IHS Markit

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Kumar Pugazhenth, Shell

**RNC Coordinator**

Kimberly Salinas, ING Capital



# SPE-GCS STUDENT CHAPTERS

## TEXAS A&M UNIVERSITY

### *Texas A&M University Receives 2017 SPE Outstanding Student Chapter Award*

This prestigious award recognizes SPE student chapters with exceptional programs in industry engagement, operations and planning, community involvement, professional development, and innovation. This is the third year in a row that Texas A&M University has received the Outstanding Student Chapter award.

### *Invitation to TAMU-SPE Career Enhancement Event*

Recruiting season is right around the corner! The Texas A&M University SPE chapter is excited to present our annual Career Enhancement Event on September 8 in College Station. At this event, companies can network with our petroleum engineering students and advertise their positions for internships, co-ops, and full-time employment.

The Career Enhancement Event is the most-attended activity hosted by our organization. Last year, we hosted over 85 recruiters from 27 oil and gas companies and over 650 SPE student members from petroleum engineering and related disciplines.

If your company is interested in participating, please contact Ali Dhukka at [adhukka@tamu.edu](mailto:adhukka@tamu.edu).

## Student Chapter Directory

### HOUSTON COMMUNITY COLLEGE

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[aileen.business.us@gmail.com](mailto:aileen.business.us@gmail.com)

### RICE

Yichen Liu  
[astron.liuy@gmail.com](mailto:astron.liuy@gmail.com)

### TEXAS A&M

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### UNIVERSITY OF HOUSTON

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### PRAIRIE VIEW A&M

Aja Castano  
[ajac762@yahoo.com](mailto:ajac762@yahoo.com)

## Members in Transition (MiT)

## Upstream Oil & Gas Professionals Hiring Event

The Members in Transition committee invites you to the second edition of the Upstream Oil & Gas Professionals Hiring Event. After the success of the inaugural event in March, we continue to provide a platform connecting experienced job seekers with upstream oil and gas companies.

**Job seekers:** Around 40 companies are expected. Meet with employers hiring for professional upstream positions. Stay tuned for registration details and guidance sessions to help you maximize your success at the Hiring Event.

**Employers:** A booth at the Hiring Event presents an ideal opportunity to fill your job vacancies while providing valuable exposure for your company. Hundreds of high-quality, experienced individuals in the upstream oil and gas industry are expected to attend.

**Sponsors:** Sponsorship for the Hiring Event will help build your name, image and pride by supporting an event that helps fuel and sustain the Gulf Coast area oil and gas industry. You don't have to be an employer to become a sponsor.

**Collaborating organizations:** Professional organizations seeking to support their members during career transitions can accomplish more by participating in the Hiring Event.

For more information, email [spgcs.mit.hiringevent@gmail.com](mailto:spgcs.mit.hiringevent@gmail.com).

### Employer Pricing:

Pricing is based on number of employees. Less than 50-\$100; between 51 and 1,000-\$500; more than 1,000-\$1,000

### Sponsors:

Bronze-\$200, Silver-\$300, Gold-\$500, Platinum-\$1,000, Diamond-\$2,000

## EVENT INFO

TUESDAY

**10.3.17**

10:00 AM - 3:00 PM

### LOCATION

Trini Mendenhall Community Center  
1414 Wirt Rd  
Houston, TX 77055

### EVENT CONTACT

Tarek Ghazi  
281-961-7632

James Rodgerson  
281-221-4085

Daniel Mendez  
713-301-3317

### ONLINE REGISTRATION

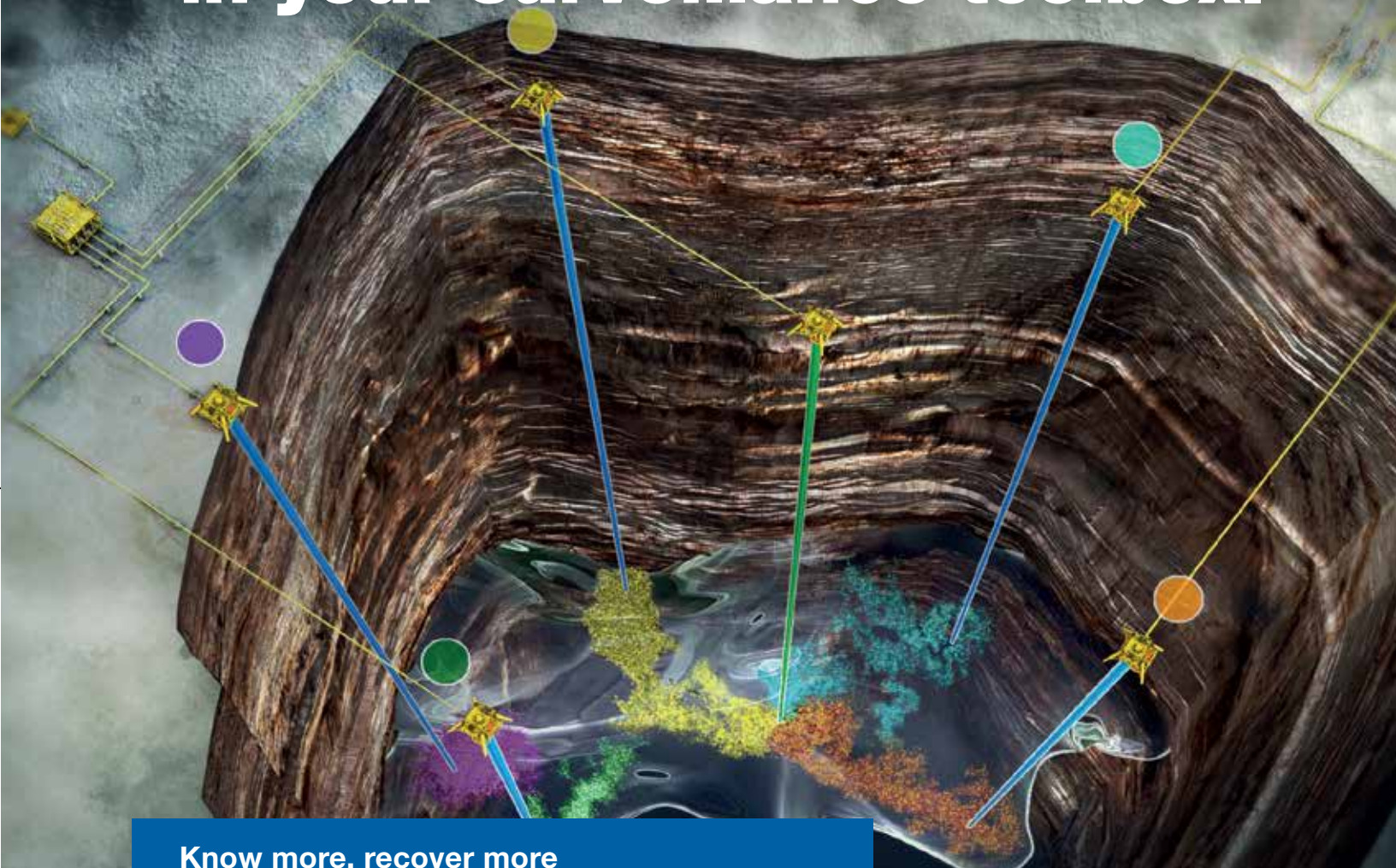
Employers - [spgcs.org/events/3624/](http://spgcs.org/events/3624/)  
Registration for job seekers opens in September.



**UPSTREAM OIL & GAS**  
PROFESSIONALS HIRING EVENT



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# EVENT RECAP

The SPE Gulf Coast Section had another successful turnout at the **2016-17 Annual Awards Banquet**. The Section honored 52 Legion of Honor recipients, seven scholarship winners, three science fair winners, and several section and regional awards. Thanks to the support of our members and the 13 company sponsorships for supporting such a wonderful event.



SPE-GCS 2016-2017 Annual Awards Banquet



SPE-GCS 2016-2017 Annual Awards Banquet



SPE-GCS 2016-2017 Annual Awards Banquet



SPE-GCS 2016-2017 Annual Awards Banquet



SPE-GCS 2016-2017 Annual Awards Banquet



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SPE-GCS 2016-2017 Annual Awards Banquet



SPE-GCS 2016-2017 Annual Awards Banquet

THANK YOU TO OUR SPONSORS:





Young Professionals at Emerging Engineers Symposium

### Young Professionals at Emerging Engineers Symposium

The Young Professionals were hard at work at the annual 2017 Emerging Engineers Symposium held at ExxonMobil campus in Spring, TX. This year's theme was "Operational & Capital Efficiency in the Upstream Oil & Gas Industry." The event hosted over 340 attendees and focused on early-career engineers and professionals in the upstream oil and gas industry.



Young Professionals at Emerging Engineers Symposium



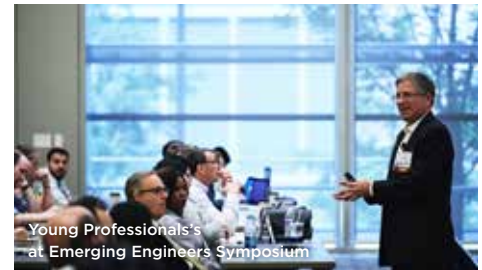
Young Professionals at Emerging Engineers Symposium



Young Professionals at Emerging Engineers Symposium



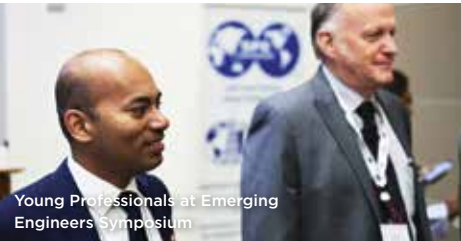
Young Professionals at Emerging Engineers Symposium



Young Professionals's at Emerging Engineers Symposium



Young Professionals at Emerging Engineers Symposium



Young Professionals at Emerging Engineers Symposium



Young Professionals at Emerging Engineers Symposium



Young Professionals at Emerging Engineers Symposium

## 2017 SPE-GCS Golf Tournament

The SPE-GCS Golf Committee would like to thank everyone for coming out to the golf tournament. We had an improved turnout from last year's tournament and were able to contribute \$26,500 to the SPE-GCS scholarship fund. This tournament would not have been possible without all of our great sponsors, cooks and volunteers. We want to especially thank United Airlines for donating airline tickets to our cause. The winners of the airline tickets were Sonny Dunlap and Allen Hurst. See everyone next year!



SPE-GCS Golf Tournament



SPE-GCS Golf Tournament



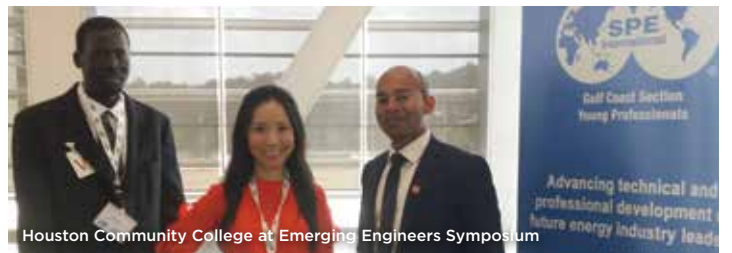
SPE-GCS Golf Tournament



Saudi Aramco at Houston Community College

## SPE Houston Community College Student Chapter

We would like to share a few photos from our events over the last few months.



Houston Community College at Emerging Engineers Symposium

## SPE-GCS Energy4Me Program at Houston Community College

Invited by Austin High School counselor Victoria Salinas, Lisa Li and Vincent Parra made an Energy4Me presentation after a discussion as part of the summer scholar program June 22. It helped students gain invaluable knowledge about the oil and gas industry. SPE's Energy4Me program serves a vital role in preparing students for their future by helping them connect what they are learning in high school to what will be needed for the energy industry.



SPE-GCS Community Service at Energy4Me

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**Work Schedule - 9/80**

For comments, contributions, or delivery problems, contact editor@spegcs.org.

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# August 2017 CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY SPE-GCS Office Closed	SATURDAY
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>6</b>	<b>7</b>	HSSE-SR	<b>9</b>	<b>10</b>	<b>11</b>	Young Professionals
<b>13</b>	<b>14</b>	<b>15</b>	Data Analytics	Board of Directors Meeting	SPE-GCS Office Closed Board of Directors Kick-off Meeting	<b>19</b>
Young Professionals	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	Members in Transition (MIT)	<b>26</b>
<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>		