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SPE GULF COAST SECTION



DECEMBER 2018

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"IF YOU ALWAYS DO WHAT YOU ALWAYS DID, YOU WILL ALWAYS GET WHAT YOU ALWAYS GOT." – ALBERT EINSTEIN
SUNIL LAKSHMINARAYANAN, 2018 – 2019 SPE-GCS CHAIR

Historically, the oil and gas industry has not been thought of as a fast adopter of leading-edge technology. Nevertheless,

innovation has always been part of the industry and has been critical to our success. It has facilitated growth in new, challenging areas like deepwater wells, and it is continually revolutionizing unconventional technology and transforming our business into a faster-cycle one. Shale operators are now able to scale production rapidly to meet demand while managing costs to compete at low market prices. Key technologies have enhanced the industry's ability to weather economically challenging times by providing efficiencies and cost savings.

Technology developments give rise to change and uncertainty – which means opportunities for those who adapt, as well as risks for those who do not. While some major oil and gas companies are developing bespoke innovations through extensive research and field trials, the industry is also greatly benefiting from a surge in startup companies since the 2014 downturn. These startups are ultimately focused on providing new technology to reduce and optimize the price of finding and producing oil.

Within our section, the Innovate Committee has focused on promoting innovation and technology, and educating our members about the latest trends in the industry. Since it was founded two years ago, the Innovate Committee has grown in stature by launching and executing some robust events. With its mission to promote innovation in our industry through collaboration among entrepreneurs, investors, and organizations, this committee launched the inaugural Innovation and Entrepreneurship Symposium (IES) in early 2018. The event was well received and a huge success. It is expected to grow further in 2019. One facet of this unique event is the Shark Tank, where a

few selected companies have an opportunity to showcase their concepts and receive feedback from peers, investors, and potential clients. More details about the event can be found [here](#).

I would also like to congratulate the Innovate Committee for having organized the one-day "Starting an E&P Company" event in November 2018. The event was sold out, with about 150 professionals from various organizations and disciplines attending!

In Other News

The Women in Energy (WIN) Committee has made giant strides and is well on its way to a highly successful year. Having started as a one-person committee in June 2018, it has grown in number with some incredibly motivated volunteers organizing their inaugural WIN Congress on January 18, 2019, at the Houston Community College West Houston Institute. This one-day event will serve as a forum to encourage both men and women to address gender gap challenges in the energy industry and identify actions to overcome them. Highly renowned speakers will give inspirational talks and will also participate in panel discussions. I encourage everyone to attend this event. More details about the event can be found [here](#).

Happy Holidays!

A handwritten signature in black ink, appearing to read "Sunil Lakshminarayanan".

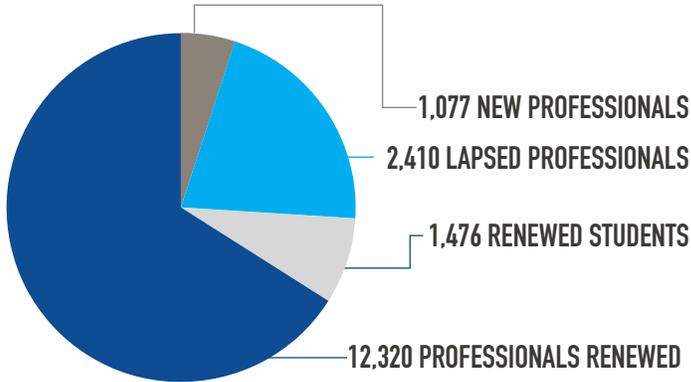
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						01
		• Northside	• Cont. Education	• Reservoir • Drilling	• Cont. Education	
02	03	04	05	06	07	08
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Upcoming Special Events

Mark Your Calendars

- 1.18.19 WOMEN IN ENERGY (WIN) ONE DAY CONGRESS
- 2.21.19 YOUNG PROFESSIONAL INTER-CORPORATE TOPGOLF TOURNAMENT/NETWORKING EVENT
- 4.8.19 SPE-GCS 46TH ANNUAL GOLF TOURNAMENT
- 5.13–5.17.19 SPE-GCS ELECTRIC SUBMERSIBLE PUMPS SYMPOSIUM
- 5.22.19 BUILDING WINNING TEAMS: MVP HOUSTON ASTROS DRAFT DAY

Membership Through October 2018



Current Membership Trends



Board of Directors Meeting	WHEN	December 20, 7:30 – 10:30am
	WHERE	SPE Houston Office: 10777 Westheimer Rd, Ste 1075 Houston, TX 77042
	R.S.V.P.	Taylor Wright T (713) 457-6821 F (713) 779-4216 spe-gcs@spe.org

Study Group Pricing	Unless specified separately in the registration website:	
	MEMBERS:	\$40/\$55 Walk-in
	NON-MEMBERS:	\$55
	STUDENTS/MIT/Retired SPE:	\$25

[View SPE-GCS Directory](#)



The Gulf Coast Section (GCS) was established on December 13, 1935. The mission of GCS is part of our Bylaws which were amended by vote of the Board of Directors on February 16, 2017, and by vote of the general membership on April 20, 2017.

SPE-GCS MISSION

The mission of the Section shall be the promotion of mutual cooperation in furthering the objectives of the Society of Petroleum Engineers International, Inc.

This shall be accomplished by:

- I. Providing forums that afford members the opportunity to upgrade and maintain professional competence.
- II. Providing social interaction that increases member participation in Section activities as a whole, while striving to maintain the integrity of the Section.
- III. Supporting programs in local primary and secondary schools to encourage students to develop their abilities in science, technology, engineering and mathematics.
- IV. Supporting engineering programs at the university level.
- V. Enhancing the image of the Oil and Gas Industry by sponsoring community service programs.



PURVI INDRAS

How did you first get involved with SPE?

A friend of mine volunteered with the SPE-GCS Westside Group and invited me to connect with the group in 2014.

I joined the study group that supported the webinar and publicity for the events.

What SPE study groups, committees, or volunteer events have you been involved in?

I have been involved with the SPE Westside Study group since 2014. I help with monthly meetings and the annual seminar. I recently joined the SPE WIN Committee to help organize the one-day congress in January 2019.

What is your current role with SPE?

I am currently the Publicity and Webinar lead with the Westside study group and I am also the Communications chair for the SPE-GCS WIN (Women in Energy) Committee.

What is your REAL job and educational background?

I perform comprehensive studies on unconventional oil and gas plays throughout the Lower 48 and support E&P, investment banking, and private equity clients with production forecasting, asset valuation, and benchmarking of upstream operators by key financial and operational metrics.

I hold an MS in petroleum engineering from Texas A&M University and a BS in petroleum engineering from University of Petroleum, India.

What is your favorite thing about SPE?

I really enjoy being a part of the well-connected community that SPE has built over decades. I also love the opportunity to continuously learn and improve my technical knowledge and network with the industry professionals.



KUMAR PUGAZHENTI

How did you first get involved with SPE?

I started getting involved with SPE-GCS after attending the Young Professional's RoughNeck Camp in 2016.

What SPE study groups, committees, or volunteer events have you been involved in?

Apart from YP, I have held positions in Continuing Education, MiT, and the Data Analytics study group. I chaired the 2018 RoughNeck Camp and was treasurer and program chair for Continuing Education, and was one of the core organizers of the first MiT career fair.

What is your current role with SPE?

I am currently the vice chair for the YP Study Group.

What is your REAL job and educational background?

I work for Shell on drilling optimization using data science. It is primarily a research role. I have a BS in chemical engineering and a MS in petroleum engineering and am working on a MS in data science.

What is your favorite thing about SPE?

The people I meet and the things I learn. I feel that this knowledge cannot be found in a textbook or takes many years to learn from other sources. The feel-good factor is an added plus.

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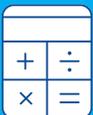
Grow your technical skills at our local and international conferences, workshops, and training courses.



Participate in SPE Gulf Coast Section's events, meetings and activities.



Submit a technical paper for presentation or publication.



Receive discounts on journals, reference books, OnePetro and other SPE publications.



Expand your network with managers, engineers, scientists, and other professionals locally and worldwide.



Develop leadership skills and contribute to the profession through our programs and activities.



Give back to our community and the E&P industry through volunteer opportunities.

For inquiries, please contact the SPE-GCS Membership Team at membership@spegcs.org.

RENEW YOUR MEMBERSHIP ONLINE

THEN & NOW

DECEMBER 1958

A method for detecting and tracking down hydrocarbon seeps in submerged areas, which is being field tested by Atlantic Refining, employs an infrared analyzer that checks for methane in the water.

Tougher geology courses and tightened graduation requirements are reportedly being planned by the nation's colleges and universities, such as the University of Texas, to stem the reported output of poorly trained and unemployable geology graduates.

US active rig count: 2,274

DECEMBER 1978

According to an interdisciplinary study by experts in industry, government, and academia, world energy shortages will occur by the late 1980s, with coal being the only fuel capable of filling that gap.

A House Subcommittee is organized to probe charges that Shell is requiring their service station lessees to sell a fixed amount of leaded gasoline in order to purchase a lesser amount of unleaded gasoline. (If you are familiar with the terms "service stations" and "leaded gasoline," you are likely a "Boomer!")

US active rig count: 2,316

DECEMBER 1998

On the heels of Exxon gobbling up Mobil and Total swallowing Petrofina, Daniel Yergin, Chairman of Cambridge Energy Research Associates, predicts that merger mania is unlikely to stop there.

Pace-setting and independent, Union Pacific Resources reports plans to reduce its Fort Worth headquarters staff by approximately 15%, with additional job losses to follow the pending sale of its midstream gas business to Duke Energy.

Light sweet crude: \$11.19/bbl;
Natural gas: \$1.95/MMbtu;
US rig count: 669

THE REST OF THE YARN

This month we continue our look back at the rise and fall of wildcatter Glenn McCarthy, as he literally puts the finishing touches on the Shamrock Hotel.

By January 1949, with the hotel's opening only three months away, construction on the Shamrock was almost finished, and it had cost \$21 million. His movie, *The Green Promise*, was complete and would premiere at a Houston theater the night after the hotel's opening, with city fathers agreeing to stage a torch-lit evening parade in its honor. In those frantic final weeks, no detail seemed too small for McCarthy's notice. When

every major grass supplier in Texas refused to hand over the 10 acres of Saint Augustine he needed to sod the Shamrock's lawn – they insisted it was needed for other customers – McCarthy simply bought one of the suppliers, trucked in a bulldozer, and laid down the grass himself.

McCarthy spared no expense. The Shamrock pool, he claimed, was the world's largest. Its towels were the world's largest. The opening alone was costing him \$1.5 million. He mailed gold-filigreed invitations to every movie star and CEO he could think of, and then invited dignitaries from 24 foreign countries. The *Houston Post* and *Chronicle* both planned special editions. Thousands of shamrocks were flown in from Ireland.

On Tuesday, with two days left, McCarthy flew to Los Angeles to fetch his friend Howard Hughes and finalize travel arrangements for the movie stars. The two returned to Houston the next morning on Hughes's \$1 million Boeing Stratoliner, the world's largest private plane. McCarthy was thinking of buying it. He and Hughes ate a pancake breakfast by the Shamrock's pool. "Keep the plane," Hughes said, rising to leave. "Fly it around and let me know what you think."

Next month: The stars begin to arrive, and the day finally comes.

HISTORY QUIZ

Prior to air strikes on Iraq by the US and UK in December 1998, what were three countries that had purchased oil from Iraq while it was under an Allies-imposed oil embargo?

If you would like to participate in this month's quiz, e-mail your answer to contest@spe.org by noon December 15. The winner, who will be chosen randomly from all correct answers, will receive a \$50 gift card to a nice restaurant (courtesy of the ProTechnics Division of Core Lab).

ANSWER TO NOVEMBER'S QUIZ

Two-thousand years before Columbus, ancient scientists had calculated the circumference of the earth within 1% of absolute correctness.

NO WINNER IN OCTOBER

No one came close.

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NORTHSIDE

Innovative Approaches to Reservoir Productivity

There has been a significant amount of progress made applying data science techniques in the oil and gas industry. These applications have occurred in all aspects of upstream, midstream and downstream sectors. However, direct application to reservoir-centric challenges has not enjoyed as much

success. Reservoirs introduce vast degrees of uncertainty due to their imperfect characterization and sporadic, and low-density, sampling. This talk will touch on reservoir workflows incorporating data science and will dive deep into specific examples involving frac hit mitigation.

HAYLEY STEPHENSON



Hayley is a reservoir analytics engineer at the BHGE Energy Innovation Center with experience in large scale data analytics and algorithm development, with an emphasis in reservoir data. Hayley has experience in new product innovation, statistical analysis, and reservoir analytics development. Hayley holds a BS in mechanical engineering and is currently pursuing her MS at Georgia Tech.

GLEN MURRELL



Glen leads the Reservoir Innovation group at the Energy Innovation Center. He has broad expertise in reservoir dynamics and conventional and unconventional EOR, as well as project management, innovation and technology development. Glen holds a PhD in isotope geochemistry and an MS in geology from the University of Waikato, New Zealand. He is PMP qualified.

EVENT INFO

WHEN

Tuesday, December 4, 2018
11:30am – 1:00pm

SPEAKER

Hayley Stephenson
Reservoir Analytics Engineer
BHGE Energy Innovation Center

Glen Murrell
Reservoir Innovation Leader
BHGE Energy Innovation Center

LOCATION

Landry's Seafood House
1212 Lake Robbins Dr
The Woodlands, TX 77380

CONTACT

Jon Spencer
281-291-7769

jon.Spencer@tracerco.com

26 March 2019 - Houston, Texas

UPSTREAM OIL & GAS
PROFESSIONALS HIRING EVENT

Trini Mendenhall Community Center 1414 Wirt Rd

SAVE THE DATE & VISIT US AT:
<https://spegcs-mit-hiringevent.org/>

REGISTER ONLINE

RESERVOIR

Pre-Loads: Successful Mitigation of Damaging Frac Hits in the Eagle Ford

A Frac Hit or Frac Interference is the communication between a newly drilled well during its completion phase and the existing producing wells. This paper describes a fully bounded, nine-well infill campaign that was executed within BHP's Eagle Ford asset. Eleven surrounding wells were pre-loaded prior to the infill frac. Ten of 11 were

successfully executed, while all wells were successfully managed for well integrity. They came back online at production rates at or above shut-in rates. The trial results directly led to the development of BHP's Standard Practice Frac Hit Mitigation technique used at its Shale Oil assets.

HUNTER WATKINS



Hunter Watkins is Completions Advisor for BHP. He currently works on Eagle Ford and Permian Wolfcamp. His work focuses on designing hydraulic fracture stimulation treatments for horizontal shale wells and designing diagnostic surveillance projects including DAS DTS fiber optic, RA tracer, Chemical Tracer, Microseismic, and Reveal (a new fracture mapping service). Previously, Hunter worked for Halliburton, Landmark and Pinnacle.

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EVENT INFO

WHEN

Thursday, December 6, 2018
11:30am – 1:00pm

SPEAKER

Hunter Watkins
Completions Advisor
BHP

LOCATION

Fleming's Prime Steakhouse
2405 W Alabama St
Houston, TX 77098

CONTACT

Karin Gonzalez
karin.gonzalez@chevron.com

REGISTER ONLINE

GENERAL MEETING AND THE HOUSTON CHAPTER OF THE API

The Geopolitics of Energy: How Political Risk Will Impact Key Energy Markets

Political volatility is reaching historic highs since political advisory firm, Eurasia Group, began systematically tracking political risk following its founding 20 years ago. Meredith Sumpter will speak on how our world is changing and what this change means

for countries central to global energy supply and demand. Her remarks will provide a forward-looking view on political risk impacting the outlook of energy markets including Mexico, Iran, China, and Venezuela.

MEREDITH SUMPTER



Meredith Sumpter has 15 years of experience in policy, analysis, business, and management. She leads the firm's research management, strategy, and operations. Meredith joined Eurasia Group after leading strategic advisory for Fortune 500 clients across Asia. Prior to that, she served as a diplomat, where she advised two US ambassadors.

EVENT INFO

WHEN

Tuesday, December 11, 2018
11:30am – 1:00pm

SPEAKER

Meredith Sumpter
Head, Research Strategy & Operations
Eurasia Group

LOCATION

Petroleum Club
1201 Louisiana St, Houston, TX 77002

CONTACT

Barry Faulkner - 281-627-8790
barryf1944@gmail.com

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E-MAIL: bingwines@cox.net
WEBSITE: winrockengineering.com
WEBSITE E-MAIL: winrockpe@gmail.com

HSSE & SR**HSE Challenges Observed Within the Permian Basin Shale Play**

The Permian Basin has been one of the most active oil and gas shale plays in the US, but such high activity has brought many HSE challenges to the companies operating in this environment. HSE teams must now: use new ideas or old ideas with a

twist, dedicate additional time to the details, keep a proactive approach, and maintain communication with all parties. This presentation is focused on the HSE challenges and the proactive tools used to help reduce risk and solve these problems.

STUART WITTENBACK

Stuart Wittenbach has over 37 years of experience within the environmental safety and health discipline, specifically within the oil and gas industry. During his career, he has been active in the development and implementation of HSE programs and management systems. He is currently serving as the co-Chair of the Independent Producers HSE Managers Forum and serves on various state industry associations HSE committees.

EVENT SPONSORS**DRILLING****Outlook for the Oilfield Equipment & Service Market in 2019**

The oilfield began growing in Q4 2016, with improvement expected throughout 2018 and 2019 despite current challenges in the Permian

Basin. Richard Spears will present his firm's 2019 outlook for key oilfield service & equipment markets.

RICHARD B. SPEARS

With an engineering degree from Oklahoma State University and graduate work in industrial engineering, Richard Spears has worked for 40 years in the upstream oil and gas industry, starting as a field engineer for Halliburton. Today, Richard is one of the managing directors of Spears & Associates, an oilfield market research firm founded in 1965 and has been with the firm since its inception. He is a 35-year member of the Society of Petroleum Engineers.

EVENT INFO**WHEN**

Tuesday, December 11, 2018
11:00am – 1:00pm

SPEAKER

Stuart Wittenbach
Director of EHS, Cimarex

LOCATION

Marathon Oil
Conference Center Rm P1021
5555 San Felipe, Houston, TX 77056

CONTACT

Angelo Pinheiro - 713-296-3820
abpinheiro@marathonoil.com

REGISTER ONLINE**EVENT INFO****WHEN**

Thursday, December 6, 2018
11:00am – 1:00pm

SPEAKER

Richard B. Spears, *Managing Director*
Spears & Associates, Inc.

LOCATION

The Petroleum Club of Houston
35th Floor
1201 Louisiana St, Houston, TX 77002

CONTACT

Ernie Prochaska - 281-221-1434
ernie.prochaska@nov.com

REGISTER ONLINE

COMPLETIONS & PRODUCTION

Why Conventional Gas Lift Isn't Best for Most Unconventional Wells

Conventional gas lift (with valves, mandrels and packer) was developed for vertical, high-permeability, pressure-supported, limited drawdown, conventional wells with high/increasing water cuts and low/decreasing gas/liquid ratios. No wonder it is not optimal for most unconventional wells. Single point gas lift (SPGL) with high pressure gas

(if needed) and no valves, mandrels or packers, can remove the constraints of rate and flexibility/ drawdown limits which plague conventional gas lift, as well as making it easy and inexpensive to move to different artificial lift methods in the future. Come look at the evidence and compare for yourself.

LARRY HARMS

Larry Harms specializes in holistic production optimization at his consulting company, Optimization Harmsway LLC, which was established after a long career with ConocoPhillips. He has served on the Board of the Artificial Lift Research and Development Council since 2008 and has written/co-authored 11 SPE papers on artificial lift, velocity strings, compression, integrated production modeling and real time optimization.

EVENT INFO

WHEN

Wednesday, December 12, 2018
11:30am - 1:00pm

SPEAKER

Larry Harms, *Consultant*
Optimization Harmsway, LLC

LOCATION

Norris Center - Westchase
9990 Richmond Ave Ste 102
Houston 77042

CONTACT

Ehsan Davani - 713-485-8937
ehsan.davani@qrigroup.com

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WESTSIDE

Unconventional Reservoirs: A Technology-Enabled Revolution

The Unconventional Reservoir revolution has proven to be resilient, and US oil production is once again growing rapidly thanks to the technological advancements that have driven down the cost of supply. Some of those advancements within ConocoPhillips have come from an extensive piloting strategy that involved more than 30 pilot projects and 150+

horizontal wells in ConocoPhillips' Eagle Ford acreage. This presentation will review the learnings from this strategy, along with other technological advancements such as time-lapse geochemistry, well spacing and stacking, completion design evolution, increased lateral length and, last but not least, integrated data analytics.

GUSTAVO GOMEZ



Gustavo Gomez has 19 years of experience developing conventional and unconventional reservoirs and has worked in exploration, appraisal, green field development and mature field redevelopments in the US and internationally. He has led the planning, implementation, and execution in the Eagle Ford shale play. He has helped develop special techniques to analyze and optimize well spacing, well staking, and drainage area in unconventional reservoirs.

The Distinguished Lecturer Nomination Season for 2020-21 is Now Open

Have you seen an exciting lecture on a topic relevant to the E&P industry? Was the speaker a leader in their field and an outstanding public speaker? If so, help us identify the best lecturers for your region and discipline for the 2020-21 SPE Distinguished Lecturer season by nominating them for the SPE Distinguished Lecturer program.

- [Find out more](#) about this exciting program.
- [Review the nomination procedures.](#)

NOMINATE A COLLEAGUE

Submit your nomination by 15 March!



EVENT INFO

WHEN

Wednesday, December 19, 2018
11:30am – 1:00pm

SPEAKER

Gustavo Gomez
Manager, Execution Projects
ConocoPhillips
New Ventures Exploration

LOCATION

Norris Center – Westchase
9990 Richmond Ave Ste 102
Houston 77042

CONTACT

Bharath Rajappa - 832-486-3122
bharath.rajappa@conocophillips.com

REGISTER ONLINE

CONTINUING EDUCATION

Learning Tutorial: Developing Abstracts, Publications and Presentations

Even though engineers are technical people, that doesn't necessarily mean they are good technical writers. Technical writing involves two key competencies: The ability to understand technical language, and being able to express that knowledge in a clear, concise, and coherent manner. This tutorial will help you hone and refine your technical writing skills.

EVENT INFO

WHEN

Wednesday, December 5, 2018
9:00am – 4:30pm

LOCATION

Newpark Drilling Fluids Office
21920 Merchants Way, Katy, TX 77449

CONTACT

Mike Redburn - 307-214-7518
mredburn@newpark.com

EVENT PRICING

Members/Non-Member: \$275/\$300
Students/MiT/Retired SPE: \$100

[REGISTER ONLINE](#)

CONTINUING EDUCATION

Oil Patch Writing Class

Unlike generic technical writing courses, this petroleum-specific class will focus on upstream jargon and oil industry writing standards following the SPE Style Guide. Developed for engineers and geoscientists, this course starts by defining the parts of speech as building blocks, then teaches students how to use them correctly to build strong sentences, paragraphs, and documents that are clear, concise, and correct. Grammar, usage, capitalization, and punctuation rules are illustrated using good and bad writing examples taken from real-life oil industry writings. Microsoft Word tips for formatting text, figures, tables, and equations will be shared, along with editing and proofreading techniques for polishing the final product. A useful workbook will be provided.

JEANNE PERDUE

Jeanne Perdue is a technical writer at Occidental Petroleum, preparing field development plans, maintenance and operations procedures, best practices, and concession proposals for the Middle East Support Team. She started her career as a chemist at the Texaco Research Laboratories where she did core and heavy oil analysis. She later conducted research and literature searches at the Texaco Library – before Google was invented. Jeanne then became an oil and gas journalist, covering drilling and information technology. She has a BS in chemistry from the State University of New York at Albany.

EVENT INFO

WHEN

Friday, December 7, 2018
9:00am – 4:30pm

SPEAKER

Jeanne Perdue
Technical writer, Occidental Petroleum

LOCATION

Newpark Drilling Fluids Office
21920 Merchants Way, Katy, TX 77449

CONTACT

Mike Redburn - 307-214-7518
mredburn@newpark.com

EVENT PRICING

Members/Non-Member: \$250/\$275
Students/MiT/Retired SPE: \$150

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CONTINUING EDUCATION

Learning Tutorial: The Unconventional Method How to Quantify the Performance and the Cost of Solids Control

This course provides drilling management team members with the analytical tools needed to quantify the performance and the cost of solids control operations. More importantly, it explains the linkage between solids control, drilling fluids, and fluid related drilling waste. A comprehensive approach is taught so that those attending will understand how changing solids control practices will affect drilling fluids and waste disposal costs. The course aims to cut through the clutter of metrics used to report solids control performance, enabling solids control best practices to be identified so that drilling costs are lowered without compromising performance.

This course will provide some hands-on testing, so long pants and closed-toe shoes are required for proper lab safety.

EVENT SPONSOR



YOUNG PROFESSIONALS

SPE-GCS Young Professionals Volunteer Event: Bicycle Build with Cycle Houston

Please join the SPE-GCS Young Professionals for our annual event with Cycle Houston. Each year this organization partners with elementary schools to encourage students in kindergarten through third grade to improve reading skills, behavior and attendance. Those students who commit to a special monitoring program and fulfill all necessary requirements are rewarded with a bike!

SPE-GCS Young Professionals will be assisting with assembling some of 10,000 bikes to be delivered to these students the week before Christmas.

There is a donation required of \$45 USD per participant. This almost covers the cost of one bicycle. **For the first 15 registered volunteers, SPE will cover \$25 of this fee.**

To learn more about Cycle Houston please visit <http://cyclehouston.org>



EVENT INFO

WHEN

Friday, December 7, 2018
9:00am – 4:30pm

SPEAKER

Mike Morgenthaler

LOCATION

Newpark Drilling Fluids Office
21920 Merchants Way, Katy, TX 77449

CONTACT

Mike Redburn - 307-214-7518
mredburn@newpark.com

EVENT PRICING

Members/Non-Member: \$275/\$300
Students/MiT/Retired SPE: \$100

[REGISTER ONLINE](#)

EVENT INFO

WHEN

Sunday, December 9, 2018
8:00am – 12:00pm

LOCATION

NRG Center
1 Reliant Parkway
Houston, TX 77054

CONTACTS

Antonio Lazo
832-854-2848

[REGISTER ONLINE](#)

MEMBERS IN TRANSITION (MIT)

Joint Meeting with SPE Petro-Tech Study Group

The SPE Members in Transition Seminar Series is designed to include a selection of topics of interest to SPE members who are transitioning in between jobs during the current industry downturn or who are looking for new career opportunities.

PROGRAM 1

Get Game: Leadership Essentials 2019

In this interactive session, we'll examine key competencies for effective leadership today. Challenging scenarios will be discussed and debated. Invest an hour to revitalize your own leadership capabilities for success.



MARISÉ MIKULIS

Marisé Mikulis is a leader in building coalitions and high-performance teams and promoting digital enablement that is strategic, practical, and savvy. She serves on the SPE-GCS Board and is a member of the SPEi Digital Energy Technical Section.

PROGRAM 2

Making the Most of Spotfire – Tips and Tricks

Jenny will demonstrate the opportunities that Spotfire provides and how to increase the impact for the least amount of effort in order to maximize productivity to the end user. Her talk will include: Best Practices, Data Tips, Visualizations, Information links, Filters, Examples with Errors, Examples with Changes to Errors, and a Live Demo.



JENNY DAVIS

Jenny Davis has worked in a variety of industries in several roles from accounting, to land, to production, to operations. She has worked for the last ten years in the oil and gas industry, which has given Jenny the opportunity to provide impact and value to virtually all departments, including dashboard development with Spotfire.

PROGRAM 3

Time for a Change

- How to increase your branding for your career
- How to increase the visibility of your online profiles
- Focus the online spotlight for your job search



VERONICA REYES

Veronica Reyes has 20 years of experience in technical service and staffing services. With degrees in Social Science and Humanities, she has served the business and workforce communities as a leader in social media and recruitment and has educated groups on how to re-brand their skills to transition into other occupations and industries.

EVENT INFO

WHEN

Friday, December 14, 2018
10:00am – 3:00pm

SPEAKERS

Marisé Mikulis
Operations Executive
Energy Innova

Jenny Davis
Spotfire Developer/Data Analyst
Consultant for ConocoPhillips
and Halliburton

Veronica Reyes
Senior Talent Acquisition Advisor
MORI Associates

LOCATION

SPE GCS Office
10777 Westheimer Road, Ste 1075
Houston, TX 77042

CONTACTS

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

Yetunde Okediji
817-845-5876
yetunde.okediji@gmail.com

PRICE

Members/Non-Members: \$40/\$50
Students/MIT/Retired: \$15

REGISTER ONLINE

CONTINUING EDUCATION

Ethics Seminar: Engineering Ethics

Ethics and, specifically, Engineering Ethics can be defined many different ways. The Mechanical and Aerospace Engineering Department of the University of Missouri in their handbook on Engineering Ethics, defines ethics as “the study of the characteristics of morals, and involves the moral choices made by individuals as they interact with other persons. Engineers need to be aware of ethics as they make choices during their professional practice of engineering. Engineering ethics will be defined as the rules and standards governing the conduct of engineers in their roles as professionals.”

The seminar will present and discuss codes of ethics as well as case studies that help us navigate our day-to-day professional careers. The seminar is appropriate for new graduates as well as seasoned professionals and will qualify for the annual PDH required by the Texas Board of Professional Engineers.

EVENT INFO

WHEN

Friday, December 14, 2018
9:00am – 4:30pm

LOCATION

Newpark Drilling Fluids Office
21920 Merchants Way, Katy, TX 77449

CONTACTS

Mike Redburn - 307-214-7518
mredburn@newpark.com

EVENT PRICING

Members/Non-Member: \$200/\$250
Students/MiT/Retired SPE: \$100

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YOUNG PROFESSIONALS

SPE-GCS Inter-Corporate TopGolf Tournament / Networking Event

Registration for the highly anticipated first annual SPE-GCS TopGolf tournament and networking event has is now open! Sign up your team now to take advantage of Early Bird pricing and save some money! Early Bird pricing ends December 31, 2018.

Sponsorship Opportunities available for the first SPE-GCS TopGolf Tournament / Networking Event! [Learn more here.](#)

This magnificent event will be held on Thursday, February 21, 2019 from 5:00pm to 8:00pm. We expect to host 500+ oil and gas professionals from all disciplines and all experience levels in a TopGolf tournament alongside a networking session.

Sponsors will be recognized and prizes will be awarded at a special reception following the tournament!*

Each team will be comprised of three members. We will start with an hour of registration, networking with dinner and drinks, and free-play. Following that, TopGolf ambassadors will start with the tournament instructions and coordinate scores. The final hour will be a ceremony recognizing our great sponsors and awarding cash-prizes to our winning teams and individuals.

*For sponsorship and any other queries, please contact YP Board Members Shakti Sehra or Eric Williams.

EVENT SPONSOR

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MEDIA PARTNER:



EVENT INFO

WHEN

Thursday, February 21, 2019
5:00pm – 8:00pm

LOCATION

TopGolf Katy
1030 Memorial Brook Blvd
Houston, TX 77084

CONTACTS

Shakti Sehra - 832-274-7594
shakti.sehra@ihsmarkit.com

Eric Williams - 903-644-6448
ericwilliams86@yahoo.com

Amanda Block - 614-546-7187
amanda.block@bhge.com

**SPONSORSHIP
REGISTRATION**

REGISTER ONLINE

EDUCATION

SPE-GCS Building Winning Teams: MVP Houston Astros Draft Day

Are you looking for talented Summer Interns to introduce SPE Gulf Coast Scholars to your organization and help build your Championship Team?

In 2017, the SPE-GCS Education Committee launched its new MVP Houston Astros Draft Day approach to Summer Internship Programs where League Owners (Corporate Sponsors) meet with MVPs (Scholarship Recipients) at a Houston Astros Baseball Game and Offer Letters are awarded for Summer Internships. The goal: Build Winning Teams and have fun for everyone. Our 2019 Goal is to double the number of Summer Internships.

We need at least ten more Corporate Sponsors to bring Offer Letters for Summer Internships to the May 22, 2019 Houston Astros Game as we expand the program to include all SPE-GCS Scholarship Recipients.

Here's how the SPE-GCS Building Winning Teams Program works:

MVP BIOS (Scholarship Recipients): League Owners will be provided with MVP Bios of the SPE-GCS Scholarship Recipients no later than April 30.

DRAFT DAY (Astros vs. Chicago White Sox): The Houston Astros will host the SPE-GCS MVPs and League Owners at Minute Maid Park. Any time after the first pitch, League Owners may present Offer Letters to MVPs for Summer Internships aka Spring Training. Go Astros!

SPRING TRAINING: Ideally, eight-week Internships beginning no later than June 15, 2019

HIRING MANAGERS: Save The Date! May 22, 2019

EVENT INFO

WHEN

Wednesday, May 22, 2019

LOCATION

Minute Maid Park
501 Crawford St
Houston, TX 77002

CONTACT

Kelly S. Wilkins
SPE-GCS Internship Chair,
Educational Committee
kellypetroleum@gmail.com



WHERE ARE THEY NOW?

Past Scholarship Winner: Peter Tesarek

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 Peter Tesarek's story:

In 1981, I was ecstatic to receive an SPE-GCS scholarship. This was during one of the most dynamic and volatile times in the oil and gas industry (sound familiar?), and I was enamored to be a part of it. My first experience in the industry was as a reservoir engineering intern doing reservoir simulation of the Prudhoe Bay field for BP (then Sohio) in San Francisco. A key differentiator on my resume in getting the internship was my SPE-GCS scholarship award.

After I graduated from Rice University, I returned to BP as a production engineer in their midcontinent division in Oklahoma City. I designed and ran the company's first frac job on a Hunton well in what would become the SCOOP, drilled wells, and implemented secondary recovery projects. As part of my commitment to lifelong learning, I returned to school and earned an MBA in

finance from Columbia Business School. While there, I interned with Exxon Mobil in Supply & Trading for their Far East refineries, then joined their Corporate Treasury after graduation.

My engineering and business experience gave me the opportunity to make a significant career shift into management consulting and I became a consulting manager for Deloitte Consulting in New York City. I assisted clients on business challenges, including Texaco defending itself against litigation related to royalty underpayments and a German energy company investigating its US management's speculative oil commodity dealings. I also had the opportunity to run Saudi Aramco's internal management consulting organization, focusing on developing strategy and improving processes at the world's largest oil company. The high likelihood to have an expat assignment during your career is one of the most attractive things about the oil and gas industry—and one that all engineers should pursue!

Now I am the Senior Manager for Sogeti Capgemini, and I manage technology-driven projects related to digital transformation and Big Data for energy



CAREER OVERVIEW

Senior Manager, Digital Transformation at Sogeti USA, part of Capgemini Consulting

- Stratford High School – 1981
- Rice University, BS in Chemical Engineering – 1985
- Columbia University, MBA - 1989

and non-energy related companies. In addition, I co-manage partnerships that invest in mineral rights.

As an active member of SPE that supports scholarship, I encourage everyone to keep learning and trying different challenges. As they say, "Life is a journey, not a destination!" Please feel free to contact me at ptesarek@pdq.net.



CONTRIBUTE TO THE SPE-GCS SCHOLARSHIP FUND TODAY!

DONATE

SPE-GCS WOMEN IN ENERGY (WIN)

One-Day Congress

You are invited to attend the inaugural SPE-GCS WIN Congress, January 18, 2019.

The inaugural one-day Congress will serve as a forum to encourage both men and women to address gender-gap challenges in the energy industry and identify actions to overcome them.

Why should you attend?

The program includes opening key note remarks by **Susan Dio**, Chairman & President, BP America, followed by expert-led discussions that focus on topics such as how to prepare for a board position, negotiating your next role, finding your path in technical or managerial positions, hearing from women in non-traditional career paths or preparing to enter the industry!

This inaugural event promises to be engaging, inspiring and most importantly will ensure you can make your voice heard! Congress deliverables will include results of the survey, and results of real-time polling that will occur during the event. Summaries of fact-finding and published action items will then be presented to help our industry make progress in diversity and inclusion.

Join us in support of this global initiative - our diversity is our strength!

Please take this [3-minute survey](#) on gender diversity in the oil and gas industry and let your voice be heard!

About SPEi WIN

SPE International launched Women in eNergy (WIN) to promote gender diversity in the upstream oil and gas industry by attracting, retaining, and engaging women in the STEM fields. Our vision is to empower women to realize their full potential in the oil and gas industry. SPE-GCS hopes to carry this vision forward in the first-ever WIN Congress event.

For a preview of the event agenda and a list of speakers & panelists, please visit the registration website on the SPE-GCS website.

For sponsorship opportunities, please email tanhee@geokimika.com. For more information, please email riteja.dutta@drillinginfo.com.

THANK YOU TO OUR SPONSORS!

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EVENT INFO

WHEN

Friday, January 18, 2019
8:00am – 5:00pm

LOCATION

Houston Community College
West Houston Institute
2811 Hayes Road
Houston, TX 77082

REGISTRATION

Please register in advance, there will be no walk-in registration at the event.

EVENT PRICING

Early bird registration is open now through November 26, 2018.

Member*: \$100

Non-Member*: \$125

MiT*: \$35

University Student**: \$35

* Registration includes admittance to the technical sessions, exhibition, and coffee breaks.

** University students must show a valid student ID to register. If you register online, you will be required to show ID on-site.

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[REGISTER ONLINE](#)

INNOVATE

SPE Innovation & Entrepreneurship Symposium

Registration is now open for the 2nd annual Innovation and Entrepreneurship Symposium!

The Annual SPE IES is a premier platform that allows young companies to learn from industry experts and gain valuable insights about the Voice of the Customer, starting a business, understanding commercialization in a risk-averse industry, attracting investors, and more.

It takes a village to support innovators and startups commercializing products and services for the oil and gas Industry. The SPE IES two-day symposium is the Gulf Coast Section's premier platform for entrepreneurs, investors, E&P operators, oilfield service companies, and academia to support a growing community of innovators.

This year's event will include:

- Eight panel discussions with relevant topics for technology adoption in today's oil and gas environment
- Half-day Shark Tank for selected startups to showcase their ideas to a community of investors
- Networking and learning opportunities for all participants
- Exhibitor space (limited availability)

EVENT SPONSORS



EVENT INFO

WHEN

Wednesday & Thursday
February 27-28, 2019
7:30am – 4:30pm

LOCATION

Marathon Oil Tower
5555 San Felipe, RM 1020-1023
Houston, TX 77056

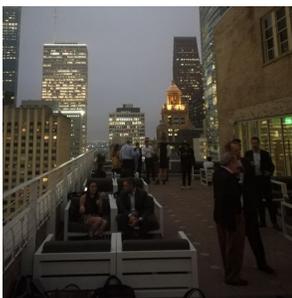
CONTACT

Chris Reinsvold - 713-299-5293
chris.reinsvold@reinsvold.com

EVENT PRICING

Member: \$395 priority
(until Dec 31)
Non-Member: \$445 priority
(until Dec 31)

[REGISTER ONLINE](#)



GOLF

2019 46TH Annual SPE Gulf Coast Section Golf Tournament

Now in its 46th year, the annual SPE-GCS golf tournament is one of the section's most important fundraisers. Please join us at the beautiful courses of Kingwood and Deerwood Country Clubs to enjoy a wonderful day of golf in support of SPEGCS scholarships. These scholarships benefit young engineers embarking on the adventure of an oilfield career.

As always, there will be fabulous door prizes for everyone and a chance to enter a raffle for electronics and United Airlines and Lufthansa flight vouchers. It's all courtesy of our generous sponsors. You will also love the wonderful food provided out on the course by our fabulous oilfield

cook teams. So bring your customers out for the day and treat them to a fun experience they won't forget!

Your support goes directly to funding scholarships for Gulf Coast Section students majoring in petroleum engineering or related fields. We know how tough these times are, but we all know that we still need to attract new talent to this great industry. Every penny made by the golf tournament is invested in the drive to educate more young engineers.

Thank you for your support!
Gulf Coast Section Golf Committee

EVENT INFO

WHEN

Monday, April 8, 2019
Morning & Afternoon

LOCATION

Kingwood Country Club
1700 Lake Kingwood
Kingwood, TX 77339

CONTACT

Marc Davis - 713-248-3956
golf@spgcs.org

For more information and registration & sponsor forms, please visit spgcs.org/golf

REGISTER ONLINE

All Proceeds from
the 46th Annual
Golf Tournament
Benefit the SPE-GCS
Scholarship Fund

REGISTER TO PLAY

BECOME A SPONSOR

ELECTRIC SUBMERSIBLE PUMP (ESP) SYMPOSIUM

SAVE THE DATE: Electric Submersible Pump (ESP) Symposium

REGISTRATION NOW OPEN!!

In an effort to accommodate more budgeting options for participants, registration is open early to enable the approvals and expenses in 2018 if desired.

The SPE-GCS Electric Submersible Pumps Symposium brings together ESP technical experts – both operators and manufacturers – from around the world to share innovative information, and lessons learned, pertaining to ESP technology, production, and operations.

The symposium brings together a strong technical program, a world-class exhibition showing and demonstrating the newest offerings from manufacturers, and multiple training opportunities dedicated to ESP-related equipment and applications.

This unique event is only held once every two years and is one of the very few industry events that is solely dedicated to ESPs. Don't miss this opportunity to learn, network, and see firsthand the latest in ESP technology and industry knowledge.

EVENT INFO

WHEN

Monday – Friday
May 13-17, 2019

LOCATION

Marriott Waterway Hotel and
Convention Center
1601 Lake Robbins Dr
The Woodlands, TX 77380

EVENT DETAILS



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Texas A&M Fall Update

With the end of Autumn right around the corner, Texas A&M SPE continued to have the honor of hosting several esteemed speakers from the various facets of our industry through our Research and Development (R&D) series, lunch and learn sessions and bi-weekly general meetings. Our general meetings this month featured Lia Sedillos, Vice President of Technical Sales from Covia Corporation, who gave a presentation on Proppant, Resins and Sands, and Shauna Noonan, chief artificial lift engineering from Occidental Petroleum on the salient features of artificial lift on future professionals' careers.

Our chapter also hosted a fantastic rig tour sponsored by Patterson UTI & Wildhorse Resources, in which students had the opportunity to tour an onshore drilling rig. We also organized field trips to Delta Screens facility located in Houston as well as a freshman involvement trip to "Energy Corridor" in Houston to visit the Houston Museum of Natural Sciences and BHP Billiton's corporate office.

For the last week of this month we hosted Dr. Doug Fairchild from ExxonMobil Upstream Company, who spoke on the Outlook for Energy, which was ExxonMobil's global view of energy demand and supply through 2040. Finally, our chapter hosted an Executive Series event, a new initiative which seeks to invite senior managers and executives of major oil and gas companies to share their pathways to success in their careers. Our event this month featured Mrs. Helene Harding, who serves as the Vice President of the Great Plains Business Unit at ConocoPhillips.



TAMU Executive Series



TAMU at BHP Billiton

STUDENT CHAPTER DIRECTORY

HOUSTON COMMUNITY COLLEGE

Iskandar Rahbani: iskandar.rahbani@gmail.com

RICE UNIVERSITY

Eric Vavra: edvi@rice.edu

TEXAS A&M UNIVERSITY

Magy Avedissian: magylouise@tamu.edu

UNIVERSITY OF HOUSTON

Nicholas Dunbar: president.uhspe@gmail.com

PRAIRIE VIEW A&M

Waaiz Hussaini: waaizh@comcast.net



TAMU Lunch and Learn

Permian Basin Study Group

On September 18, 2018, Justin Parker of Noble Energy spoke at the SPE-GCS Permian Basin Luncheon. His presentation provided insights on how sound engineering, fracture modeling, and data integration can increase recovery and optimize completions in the Wolfcamp and Bone Springs formations. The methods and engineering principles presented provided a basis of design to enhance productivity and well economics for horizontal wells in unconventional resources. His talk was based on SPE Paper 187253 presented at the 2017 ATCE. Thank you MicroSeismic and Weatherford for sponsoring the luncheon!



Permian Basin Study Group



Permian Basin Study Group



Permian Basin Study Group

SPE-GCS Booth on 8th Annual Energy Day Festival

On October 20, the SPE Gulf Coast Section's Community Services Committee set up a booth at the annual Energy Day Festival in Sam Houston Park in downtown Houston. Volunteers used SPE's Energy4Me kit to engage the public and educate them about what petroleum engineers do for a living.



Energy Day Festival



Energy Day Festival



Energy Day Festival



Energy Day Festival



Energy Day Festival



Energy Day Festival

Young Professionals Rebuilding Together Houston

On behalf of SPE-GCS Young Professionals, and Rebuilding Together Houston, we would like to say thanks for your commitment of time and energy to this important initiative. You made a difference in our community! From start to finish, you were our incredible volunteers, and thanks to you, our home repair project was a great success. Your dedication, hard work, and strong support helped the Jasper household accomplish this renovation.



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sunil.lakshminarayanan@oxy.com

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gabrielle_morrow@ryderscott.com

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trey.shaffer@erm.com

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simeon.eburi@chevron.com

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TREASURER

Brian Sinosis
bsinosis@hotmail.com

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Newpark Drilling Fluids
mredburn@newpark.com

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Karin Gonzalez, *Chevron*
karin.gonzalez@chevron.com

COMMUNITY SERVICES

Lisa Li, *Houston EP*
yulizoo8@comcast.net

EDUCATION

Mohammad Tabatabaei
Newfield Exploration
mtabatabaei@newfield.com

MEMBERSHIP

Jessica Badger
Corrosion Resistant Alloys
jbadger@cralloys.com

PROGRAMS

Bill Davis
bdavis0819@gmail.com

SOCIAL ACTIVITIES

Jasen Gast
PetroQuip Energy Services
jgast@petroquip.com

YOUNG PROFESSIONALS

Shakti Sehra, *IHS Markit*
shakti.sehra@ihsmarkit.com

DIRECTORS AT LARGE 2017 – 2019

Marise Mikulis
mikulis@energyinnova.com

Nils Kageson-Loe

nilskl@yahoo.com

Adrian Reed, *Tellurian Inc*
adrian.reed@tellurianinc.com

DIRECTORS AT LARGE 2018 – 2020

Prashant Sainani
Prashant.sainani@cibc.com

Steve Loving
Core Laboratories, Inc.
stephen.loving@corelab.com

Kim Thames Padelletti
BHP Billiton
kim.padeletti@gmail.com

Committee Chairs

AWARDS BANQUET

Pavitra Sainani, *ExxonMobil*
pavitra.a.sainani@exxonmobil.com

GOLF CHAIR

Marc Davis, *Champions Cinco Pipe*
mdavis@ccpipellc.com

ESP SYMPOSIUM

Leon Waldner, *Nexen Energy*
leon.waldner@nexencnooltd.com

MEMBERS IN TRANSITION (MiT)

Yetunde Okediji
yetunde.okediji@gmail.com

NEWSLETTER

Jeanne Perdue, *Occidental*
jeanne_perdue@oxy.com

PUBLICITY

Zafar Kamal
szkamal@hotmail.com

SCHOLARSHIP

Eric Robken, *Ashland Global*
erobken@ashlandinvest.com

SPONSORSHIP

Fabian Vera
fevera07@gmail.com

SPORTING CLAYS

Prue Smith, *BP*
pruee.smith@bp.com

TENNIS

Erin Chang, *BP*
erin.chang@bp.com

WEB TECHNOLOGY

Lindsey Newsome
Newsome Marketing Group
lindseynewsome@gmail.com

CISH

Misael Uribe
misaelub@yahoo.com

IN-CLASS TUTORING

Richard Murphy
stancal@windstream.net

SOCIAL MEDIA

Davis Scott, Schlumberger
daviswsd@gmail.com

Study Group Chairs

BUSINESS DEVELOPMENT

Heidi Epstein, IHS Markit
heidiepstein@gmail.com

COMPLETIONS & PRODUCTION

Reza Safari, Weatherford
reza.safari@weatherford.com

COMPUTATIONAL FLUID DYNAMICS (CFD)

Madhusuden Agrawal, BP
madhusuden.agrawal@bp.com

DATA ANALYTICS

Suri Bhat
suri_bhat@hotmail.com

DRILLING

Mohammed Dooply
 Schlumberger
mdooply@slb.com

GENERAL MEETING

Robert Saucedo, SLC Technologies
robertsauceado@gmail.com

INNOVATE

Mikhail Alekseenko, Marathon Oil
mikhailalekseenko@gmail.com

HSSE & SOCIAL RESPONSIBILITY

Angelo Pinheiro, Marathon Oil
abpinheiro@marathonoil.com

INTERNATIONAL

Pablo Perez, Bardasz
pablo.perez@bardasz.com

NORTHSIDE

Kelsey Ridpath
 Southwestern Energy
kelsey_ridpath@swn.com

PERMIAN BASIN

Aaron Burton, Unconventional Oil and Gas Training
waaronburton@uogtraining.com

PETRO-TECH

Cheryl Collarini
 Collarini Energy Experts
ccollarini@collarini.com

RESEARCH & DEVELOPMENT

Amit Patil, OneSubsea
apatil14@onesubsea.slb.com

RESERVOIR

Alexsandra Martinez
 DeGolyer and MacNaughton
adinorah.martinez@gmail.com

WATER & WASTE MANAGEMENT

Kelly Steinberg, Test America
kelly.steinberg@testamericainc.com

WESTSIDE

Bharath Rajappa, ConocoPhillips
bharath.rajappa@conocophillips.com

WOMEN IN ENERGY (WIN)

Riteja Dutta, Drilling Info
riteja@gmail.com

Newsletter Committee

CHAIR

Jeanne Perdue, Occidental
jeanne_perdue@oxy.com

AD SALES

Taylor Wright
twright@spe.org

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Karin Gonzalez
karin.gonzalez@chevron.com

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SPE-GCS Office

GULF COAST SECTION ADMINISTRATIVE ASSISTANT

Taylor Wright
twright@spe.org

HOURS & LOCATION

10777 Westheimer Rd. Ste 1075
 Houston, TX 77042
 Monday – Friday
 8:30am to 5:00pm

CONTACT

T 713 779 9595
 F 713 779 4216

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