



Gulf Coast Section

MAY
2016

CONNECT

SPE GULF COAST SECTION NEWSLETTER

A PARADIGM CHANGE FOR FRACKING

GENERAL MEETING P. 19

2016 RESERVOIR TECHNOLOGY FORUM

RESERVOIR P. 16

BANKRUPTCY: OPPORTUNITIES AND PITFALLS FOR ACQUISITIONS

BUSINESS DEVELOPMENT P. 20

ANNUAL AWARDS & SCHOLARSHIP BANQUET AND 80TH ANNIVERSARY REUNION CELEBRATION

P. 29

16TH ANNUAL SPORTING CLAYS TOURNAMENT & 3RD ANNUAL FOOD FRENZY COMPETITION

SPORTING CLAYS P. 25

CHAIR'S CORNER



DR. IVOR ELLUL
2015 - 2016 SPE-GCS Chair

For those of you who may have read my March article, which dealt with the topic of supply and demand, it is interesting to note that the Dow Jones and the WTI price have, since then, increased by 7% and 15% respectively while US oil production and rig count have dropped by 2% and 28% respectively. One might conclude, therefore, that this newsletter has a wider audience than envisaged! All levity aside, it is encouraging to see some of the key indices trending in the right direction. This is coupled with general industry sentiment of a “bottoming-out” of the commodity price which will invariably lead to the slow process of turn-around that some of us have experienced a number of times in our past.

Having ticked the pondering box, I will now turn to an update on one of the many initiatives currently ongoing in the Gulf Coast Section. Over the last year or so, we realized that a concerted effort was necessary to align the general presence of the Gulf Coast Section with the advent and prevalent use of social media. To this end we kicked off the Industry and Media Presence (IMP) initiative with stated goals being a) to consolidate the message on social media this being, primarily, LinkedIn, Facebook, and Twitter, and b) to increase the overall Gulf Coast Section footprint on social media and the web.

As one might imagine, the task was multi-faceted with a path that was not particularly evident. We, therefore, set out a few intermediate goals, namely that we would use LinkedIn for Business related communication (events) and Facebook for more social interactions with our members (events, socials, community engagement). Twitter, on the other hand, would serve as an additional platform that was linked to Facebook and duplicate the message on Facebook thus reducing the effort required by volunteers to update social media content. The latter is a key point given that all activity in this, and other, areas must be undertaken by volunteers who also have a day job.

Furthermore, an end game was established dictating that the eventual Gulf Coast Section social media platforms be consolidated as the primary hub for instant communication of current events in and around the Section. This had to be accomplished since 7 groups existed on LinkedIn and, as a result, members were unable or unsure which group to join. The same problem existed on Facebook and Twitter. Not only were there numerous groups, but many groups were never updated creating the perception that the Section is not an active or engaging organization.

An additional goal that developed during this consolidation was a merging of forces with the Section Young Professionals' (YP) presence on social media. We have now combined forces on the three platforms and are reaching members in Houston and around the world while adopting one consolidated voice.

One should also note that the new groups have the ability to not only reach all Gulf Coast Section members but they are also open to anyone around the world that would like to join. An interesting and certainly useful by-product of social media in its own right.

We have also applied for and have been approved for “Google for Nonprofits.” There are many benefits to this program but most importantly we have been approved for “Google Ad Grants”

that includes up to \$120,000 per year of in-kind advertising on Google search results.

The ultimate goal has, therefore, been achieved. We have increased communication with members and potential members and increased traffic to our website and thus visibility for events within the Gulf Coast Section. The next step will be to leverage the metrics we are gathering and turn these into advertising sales. This will address the shortfall in revenues that is being seen across the board in the Section.

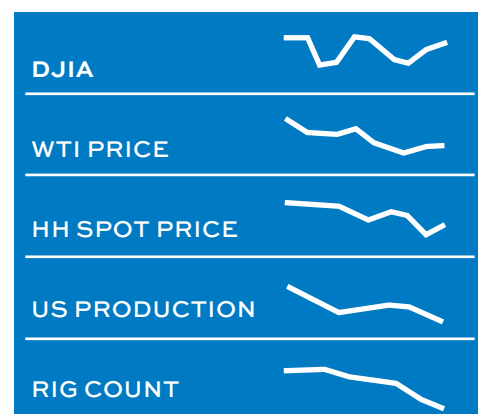
Here are a few of the measurable achievements of the initiative:

- Over 75,000 ad impressions promoting the Gulf Coast Section
- Over 100,000 event-specific ad impressions on social media
- Over 5,000 individuals clicked on a social media link and were sent to the Gulf Coast Section website

All this was achieved in only five months thanks to the efforts of Bryan Marlborough and his team. The measurable benefits will only increase as more members become aware and engage. The benefits for the Gulf Coast Section are only limited by our individual engagement as members with the new social media platforms that have been established. It is clearly up to us to utilize social media to help distribute the Gulf Coast Section message.

All the best!

GCS ENERGY TICKER



Please visit spegcs.org for more information!

May

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BOARD OF DIRECTORS MEETING

THURSDAY, MAY 19 | 7:30 TO 10:30 AM

SPE HOUSTON OFFICE

10777 Westheimer Rd | Ste 1075 | Houston, TX 77042

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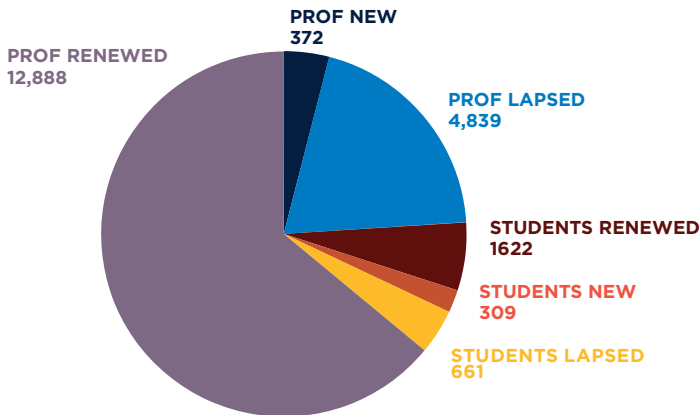
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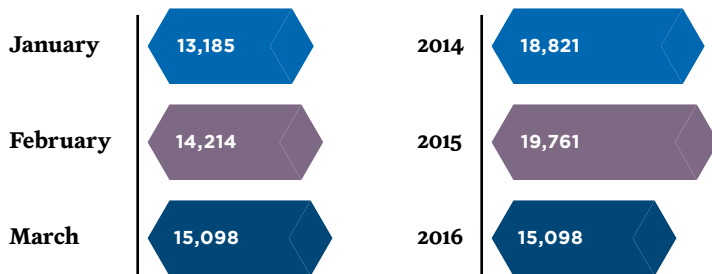
SPE-GCS MEMBERSHIP REPORT

Though February 2016

TOTAL SPE-GCS MEMBERSHIPS



CURRENT MEMBERSHIP TRENDS



STUDENT MEMBERSHIPS

STUDENTS	RENEWED	NEW	TOTAL
HCC	76	34	110
Prairie View	19	38	57
Rice	45	67	112
Texas A&M	1000	76	1076
UH	455	79	534
TOTALS	1622	309	1931

*This chart does not reflect lapsed student memberships

DON'T MISS OUT
RENEW YOUR DUES **TODAY!**



VOLUNTEER SPOTLIGHT

MOJTABA P. SHAHRI

This month SPE Gulf Coast Section is excited to feature Mojtaba Shahri as the Volunteer of the Month. Mojtaba has been involved in numerous SPE activities over the past few years. He served as the graduate chair in the SPE student chapter at the University of Tulsa, which was recognized as the SPE Outstanding Student Chapter in 2013. He has been a member of the SPE Gulf Coast Section Drilling Study Group for the last two years and served as the chair of Annual Drilling Symposium held April 14 at the Southwestern Energy office in Spring, TX.

Mojtaba has been involved in a few different conferences as a committee member, including the SPE Annual Technical Conference and Exhibition, the SPE Heavy Oil Conference and Exhibition, and the American Association of Drilling Engineers National Technical Conference and Exhibition. He also serves as a technical writer in journals for SPE.

Mojtaba received the 2012 SPE Star Award, the 2012 SPE Henry DeWitt Smith Award, and the 2013 SPE Nico van Wingen Award, during his education at the University of Tulsa.

A registered Professional Engineer and Senior Geoscientist at the Weatherford R&D department in Houston, Mojtaba has research interests including hydraulic fracturing and re-fracturing design and optimization using different modeling, experimental, and field data mining approaches. He has authored several technical papers, primarily in the area of drilling and rock mechanics, and holds six pending US patent applications. He received his BS and MS degrees in petroleum engineering from the Petroleum University of Technology, Iran, and his PhD in petroleum engineering from the University of Tulsa.

Mojtaba has enjoyed meeting new people and finding new friends while volunteering with SPE. He has also appreciated the opportunities SPE has provided to learn new skill sets and advance in his career. He believes the saying "Work hard in silence; let success make the noise" speaks volumes and is relevant to his experience with SPE.

Thank you, Mojtaba!

THEN & NOW

COLUMN BY BUDDY WOODROOF

MAY
1936

Statistics released by oilfield economists indicate that in 1935, oil industry taxes (\$1.127 billion) exceeded the value of all crude produced that year (\$975 million)—and consumers complained that gasoline prices were too high.

To resolve a receivership bottleneck, a Richfield Oil, Pan American, and Rio Grande amalgamation plan is presented to the Federal Court in Los Angeles. (Can “Atlantic Richfield” be far behind?)

Thermal and/or catalytic polymerization of olefinic gases into gasoline stocks holds promise as a conservation measure to help offset the current rate of exhaustion of crude oil reserves, as well as a means for increasing the octane value of blended fuels.

Up to 18 rod-pumped wells driven by a single power unit becomes a very effective means for improving field operating efficiency, as long as the individual power strokes remain in balance.

East Texas crude oil - \$1.15/bbl

MAY
1966

Drillers are expected to break a number of depth records in the near future, with a 20,000-foot wildcat being drilled in the Gulf of Mexico, an 18,000-foot probe in Potter County, PA, and a 16,800-foot test in Grand County, UT.

The federal government reports plans to begin research on new automotive propulsion systems having less potential for polluting the atmosphere than gasoline and diesel engines.

Two Japanese shipyards will build four mammoth 250,000-260,000-dwt range tankers to be deployed on the Middle East-Europe route, while Gulf claims to be planning six 300,000 tonners.

A new Socony Mobil worldwide computer system that can handle questions from 64 different locations simultaneously utilizing more than 50 engineering, mathematical, statistical and financial applications is reportedly up and running.

US active rig count - 1,255

MAY
1996

President Clinton’s decision to sell oil from the Strategic Petroleum Reserve temporarily dampens crude oil prices, until such time as oil company workers on Norwegian offshore platforms report plans to strike indefinitely over wage inequities.

As cracks in OPEC solidarity widen, Venezuela proposes the group consider thinking about a “new world oil map” organized along regional lines. (This proposal comes from the chief quota breaker.)

Conoco, the company that pioneered the TLP (Tension Leg Platform) wins its second OTC Distinguished Achievement Award, this time for its concrete hull TLP for use in the Norwegian Sea.

Fabrication is near completion of the world’s first offshore oil and gas production spar to be installed in the Gulf of Mexico Neptune field by Neptune partners Oryx Energy and CNG Producing.

**Light sweet crude oil - \$21.30/bbl;
Natural gas - \$2.20/MMbtu; US active
rig count - 749**

THE REST OF THE YARN

This month, we examine where TR’s domestic impact was the greatest.

Where was his impact the greatest? Start with the economy. When TR came to the presidency, after the assassination of William McKinley, the US was emerging as one of the world’s wealthiest nations. It was first in the world in its output of timber, steel, coal and iron. Since 1860, the population had doubled, and exports had tripled. However, that bounding growth had brought with it all the upheavals of an industrial age — poverty, child labor, and dreadful factory conditions. Year after year, workers faced off against bosses with their fists clenched.

Roosevelt came to believe that government had the right to moderate the excesses of free enterprise. Although his exercises of power seem modest now — the breakup of monopolies, the Pure Food and Drug Act, the meat-inspection and industrial-safety laws — they were a shock to the system at the time. Roosevelt, a Republican, insisted that one of the things government must govern is the economy. In the 21st century, when the Justice Department goes after Microsoft or Enron, when the EPA adjusts mileage standards, or the Fed tweaks the prime, somewhere his ghost is smiling.

By the time he returned to politics in 1912 to make an attempt at a third term in the White House, running under the banner of the Progressive Party, he felt free to set out an even more radical vision of what must be done. Social Security, regulation of stock trading, a minimum wage — those ideas would not be adopted until the presidency, more than two decades later, of his distant cousin Franklin. TR had already set them seriously in motion.

In the September issue, we examine where TR's global impact was the greatest.

MAY QUIZ

The arrival of what vessel in New York City in May 1936 was heralded as a new transportation development of considerable potential interest to the oil industry?

ANSWER TO APRIL'S QUIZ

The first Soviet woman to become a petroleum engineer was Maria Pogobekova, a graduate of the Grozny Oil Institute. She supervised the drilling of two producing wells in the mid-1930s.

MARCH'S WINNER

Steve Knabe with Halliburton

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

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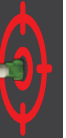
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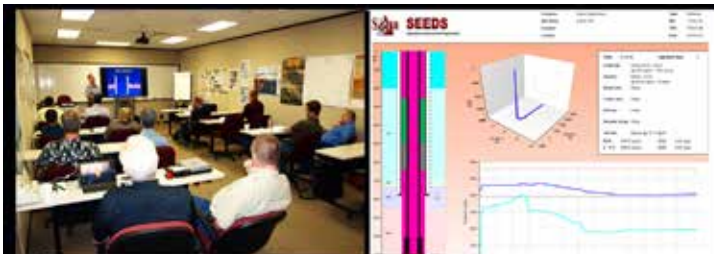
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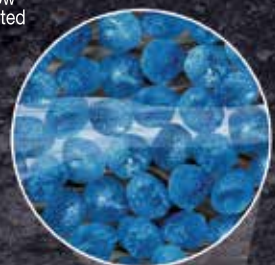
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HSSE-SR

Public-Private Partnerships in the Oil and Gas Industry

Shell invests in research and development programs that drive technology advancement in order to meet the challenges of exploring and operating in the offshore environment. Shell is working with academic, non-profit and business partners, as well as government stakeholders, to develop and implement long-term environmental monitoring programs. These public-private partnerships (PPPs) help Shell to operate safely and responsibly in the marine offshore environment.

Working collaboratively leverages and integrates complementary strengths of each partner to better address critical science priorities. Furthermore, collaborative and integrated PPPs engage the marine community through the collection of long-term data to improve resource management. These programs have allowed Shell to optimize operational efficiency and lower costs for collecting scientific information, while providing valuable opportunities to engage with various stakeholders. There are PPPs for OCS baseline data acquisition and characterizing ecosystem services, long-term monitoring of ocean processes, and ocean-observing technology development.

In the Gulf of Mexico, PPPs help meet the resource management needs of the communities and regulators, identify potential knowledge gaps, meet industry regulatory requirements, support operational planning, and support industry's license to operate through collection of baseline and long-term (multi-year) data where needed.

RUTH PERRY

Ruth Perry is a Marine Scientist and Regulatory Policy Specialist responsible for physical and biological oceanography, ocean observing, and policy for Shell Exploration and Production offshore teams. Perry integrates marine science and ocean technology into regulatory policy advocacy and decision-making in the areas of marine sound, marine spatial planning, ocean observing, and marine mammal and life science, primarily in the Gulf of Mexico and Atlantic. She has over 10 years of research and field experience studying the offshore physical environment, deploying and operating ocean-observing systems, and marine mammal observing in the Gulf of Mexico and elsewhere. Perry earned a doctorate in oceanography from Texas A&M University and joined Shell in 2014.

STEPHEN TRUCHON

Stephen Truchon is a Marine Scientist at Shell's Westhollow Technology Center in Houston. He has a master's degree and over 25 years of experience in areas of impact and ecological risk assessment, natural resource damage assessment, and ecological restoration of freshwater and marine habitats. Truchon focuses on identifying opportunities in the Gulf of Mexico where industry could become more proactive in the collection of baseline and long-term monitoring data and has developed marine science-based strategies for artificial reefing and in support of selecting decommissioning alternatives for deepwater platforms.



EVENT INFO

Tuesday 5.10.16

11:30 AM – 1:00 PM

SPEAKERS

Ruth Perry
Marine Scientist/Regulatory
Policy Specialist
Shell

Stephen Truchon
Marine Scientist
Shell

LOCATION

Norris Center - Westchase
9900 Richmond Ave, Ste 102
Houston, TX 77042

EVENT CONTACT

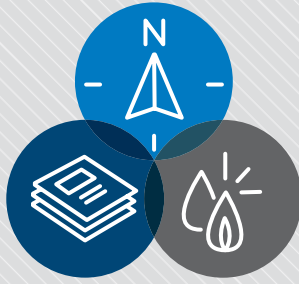
Trey Shaffer
832-209-8790
trey.shaffer.com

MEMBERS

\$45

NON-MEMBERS

\$50



EVENT INFO

Tuesday 5.10.16

12:00 PM – 1:30 PM

SPEAKER

Rustom K. Mody
VP/Chief Engineer - Enterprise
Technology
Baker Hughes Inc.

LOCATION

SWN
10000 Energy Dr
Spring, TX 77389

EVENT CONTACT

Sumitra Mukhopadhyay
281-784-5742
smukhopadhyay
@superiorenergy.com

MEMBERS

\$35/\$50 Walk-In

NON-MEMBERS

\$40/\$50 Walk-In

NORTHSIDE

**Innovation Through Collaboration:
Leveraging to Accelerate Development
of Technology Driven Solutions**

Improving sustainability, reliability, and productivity are major themes of current critical research in the upstream oil and gas industry. Although some of the pressure on supply for hydrocarbons has been addressed via the recent advancement of hydraulic fracturing, the industry's ability to meet ever-growing long-term global demand for energy will require materials, products and services to access and produce oil and gas trapped efficiently and effectively.

The oil field industry must lead the development of new ultra-high-performance metal alloys, sealing materials, systems and processes to meet the world's future demand for energy while it continuously improves the reliability and efficiency of oil and gas recovery from less demanding environments. Both of these tasks require the sustained ability for industry leaders, engineers and scientists to innovate unceasingly. Science and technology development are required to address these technical and cost challenges.

What do a space agency, a medical institute, and an oil and gas company have in common? What can they possibly collaborate on to improve their innovation and competitiveness? Attend this presentation by an oil and gas VP of technology to see how one can realize more innovations and accelerate development of technology-driven solutions by fostering a collaborative environment across industries.

RUSTOM K. MODY



Rustom K. Mody, P.E. is VP/Chief Engineer of Enterprise Technology for Baker Hughes Inc. Mody holds BS and MS degrees in mechanical engineering and an MBA in finance. He is a registered Professional Engineer in the state of Texas. He holds 17 patents and is the author of over 60 articles, technical presentations, and publications. He has won numerous Meritorious Awards for Engineering Innovation. In all, he has more than 35 years of experience in drilling and completion.

Mody is an active member of the Society of Petroleum Engineers (SPE), American Association of Drilling Engineers, International Association of Drilling Engineers (IADC), and American Society of Mechanical Engineers (ASME), and he serves on various sub-committees of all three organizations. He serves on the Board of Advisors at many universities and organizations.

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WATER AND WASTE MANAGEMENT

Produced Water Treatment, Science, and Policy in Southeast New Mexico: A Balancing Act in the Permian/Delaware Region

In New Mexico, water is fully allocated, and so future oil and gas production must adapt to shortages and extreme events like drought, catastrophic flooding, and ground-water depletion. Some options to explore include alternative water resources (recycled produced water and brackish water) for oil and gas production and for other uses as a substitute for fresh water. Incorporating the cost of infrastructure adaptation into oil and gas production is an ongoing process requiring investment and innovation. Dr. Jeri Sullivan Graham will review some of the activities in Southeastern New Mexico over the last few years related to produced water recycling and treatment, and the work being done to map, quantify and qualify produced water occurrence in the region for future uses within and outside of the industry. Finally, she will discuss recent regulatory changes intended to encourage produced water recycling and reuse.

DR. JERI SULLIVAN GRAHAM



Dr. Jeri Sullivan Graham is a senior scientist in the Chemistry Division at Los Alamos National Laboratory. She is a hydrogeologist and geochemist with 30 years of experience in environmental chemistry, ground-water hydrology, water treatment, systems modeling, and field studies. She has developed considerable expertise in produced water chemistry and treatment over the last 15 years of her research. Sullivan

Graham is a science advisor to Secretary David Martin of the New Mexico Energy, Minerals, and Natural Resources Department and is the coordinator for the Brackish Water working group under the New Mexico governor's Drought Task Force. She is a certified professional geologist, and holds a bachelor's degree in chemistry from the University of Virginia, a master's degree in geochemistry from the University of North Carolina at Chapel Hill, and a PhD in earth and environmental science from New Mexico Tech.

ONLINE REGISTRATION: spegcs.org/events/3221/

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EVENT INFO

Wednesday 5.11.16
11:30 AM - 1:00 PM

SPEAKER
Dr. Jeri Sullivan Graham
Senior Scientist
Los Alamos National Laboratory

LOCATION
Houston Technology Center (HTC)
410 Pierce St
Houston, TX 77002

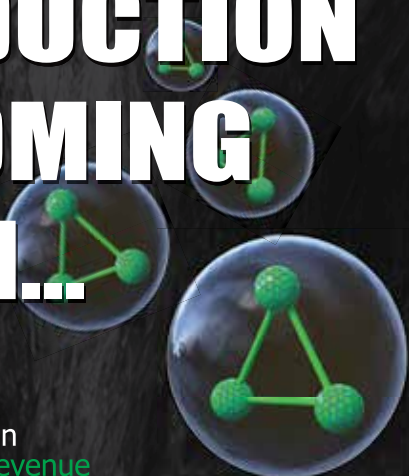
EVENT CONTACT
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DRILLING

Ethics and Moral Reasoning Series

Ethical Principles in Business is the second part of a three-part business ethics series. The discussion will include social utility, rights and entitlements, moral rights, and libertarianism. This presentation will provide examples for the participants to ponder, and they can provide their feedback, personal experiences, and beliefs. The one-hour seminar will qualify attendees for their annual ethics training requirement by the Texas Board of Professional Engineers as well as other states' professional engineering ethics requirements.

JAMES PAPPAS



James Pappas is President of RPSEA, the Research Partnership to Secure Energy for America, in Sugar Land, TX. Prior to RPSEA, he held technology manager and drilling, completions, facilities, production, operations, reservoir, and M&A engineering and management roles with Devon, Santa Fe Snyder, Fina, UPRC, and Amoco. He's been in the oil and gas industry for 40 years.

Pappas has been SPE International Production and Operations Technical Director and SPE Technical Programs and Meetings Committee Chair on its Board. He has also been Chair of the SPE-Gulf Coast Section Scholarship Committee, General Meeting, Drilling Study Group, and Board of Directors. He has served on many technical program committees for various SPE conferences here and in Latin America.

Pappas has authored over 60 technical papers on technical and professional topics. He earned a BS in chemical engineering and a BA in chemistry from the University of Texas at Austin in 1979 and graduated with an MBA with highest honors from the University of Texas at Tyler in 1993.

He has earned the SPE Distinguished Service Award, as well as Houston Area Engineer of the Year and Texas Engineer of the Year honors from the Texas Society of Professional Engineers. He was selected Distinguished Engineer in Texas by the Texas Engineering Foundation in 2008 and named an SPE Distinguished Member in 2012. He has been a registered Professional Engineer in Texas since 1985.



EVENT INFO

Tuesday 5.17.16
11:30 AM - 1:00 PM

SPEAKER

James Pappas
 President of Ultra-Deepwater Programs RPSEA

LOCATION

The Downtown Club
 1100 Caroline St, Floor C
 Houston, TX 77002

EVENT CONTACT

Tom Wick
 713-806-2631
 fieldwick2@gmail.com

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EVENT INFO

Tuesday 5.17.16
11:30 AM – 1:00 PM

SPEAKERS

Tracey LeRoy
Partner
Sidley Austin LLP

Sarah M. Valenti
Litigation Associate
Sidley Austin LLP

LOCATION

Hess Tower
1501 McKinney St
Houston, TX 77010

EVENT CONTACT

Bryan W. Marlborough
bryan.marlborough@gmail.com
985-232-0318

MEMBERS

\$35/\$50 Walk-In

NON-MEMBERS

\$45/\$50 Walk-In

STUDENTS/TRANSITIONING

\$10

ONLINE REGISTRATION

spegcs.org/events/3171/

PROJECTS, FACILITIES, AND CONSTRUCTION

Ethical Considerations When Changing Employers

The PF&C study group is hosting our yearly ethics presentation in downtown Houston at the Hess Tower. Many in the oil and gas industry have changed jobs during the downturn or will do so in the future. Not only will this presentation satisfy an ethics PDH, it will also be a great opportunity to learn about the many legal obligations employees need to be aware of during transitions.

Please join us to learn about ethical considerations applicable to employees who are changing employers, including common employment contract terms, non-competition and non-solicitation agreements, confidentiality issues, and common law obligations employees owe employers under Texas law.

Texas Engineers: Attending this event will fulfill your ethics PDH as required by The Texas Board of Professional Engineers.

Schedule:

11:00 AM to 11:30 AM – Sign-in and networking

11:30 AM to 1:00 PM – Lunch and presentation

1:00 PM to 1:30 PM – Networking and close

TRACEY LEROY



Tracy LeRoy is a partner with Sidley Austin LLP. She focuses on litigation and dispute resolution for energy industry participants. She has recently handled cases related to renewable fuel commodities, agricultural commodities, drilling rights, and leasehold disputes, as well as disputes over agreements surrounding the exploration, production and transportation of oil and gas.

LeRoy also represents companies in the energy industry, and their officers and directors, in internal and independent investigations of corporate conduct, compliance, and reporting, including representing audit committees and special litigation committees in such matters.

SARAH M. VALENTI



Sarah M. Valenti is a litigation associate in the Houston office of Sidley Austin. Prior to joining Sidley, Valenti served as a Trial Attorney for the US Department of Justice's Commercial Litigation Branch in Washington, DC, where she represented the United States in lawsuits involving government contracts, constitutional claims, and fraud, and in appeals concerning federal employment and veterans benefits.

Valenti earned her JD, magna cum laude, from Rutgers University School of Law, where she was an editor of the Rutgers Journal of Law and Religion. She earned her BA, with high honors, from Pennsylvania State University. Valenti is actively involved in providing pro bono services to the local community and previously served as a guardian ad litem in two high-conflict child custody cases. She received the Department of Justice's John W. Douglas Pro Bono Award for her efforts.

WESTSIDE

Shale Well Performance Following an Extended Shut-In: 'Soaking'

Traditionally, shutting in a well has been viewed as potentially detrimental to well performance, due to water imbibition. However, operators in several of the shale plays have noticed that well performance, in terms of flow capacity, can significantly increase after an extended shut-in period. This phenomenon has been referred to as "soaking" a well. This talk will present case histories and laboratory data to help explain the resulting increase in flow capacity, along with a model for candidate selection.

RANDY MILLER



Randy Miller is Vice President of Integrated Reservoir Solutions, a division of Core Laboratories. Miller received a BA in chemistry and geology from the University of California at San Diego and pursued graduate studies at Scripps Institute of Oceanography and the University of Houston. He has 34 years of experience in the analysis and evaluation of reservoirs both domestically and internationally. He has conducted and directed over 50 joint industry projects, including "Tight Gas Sands of North America – Reservoir Characterization and Fracture Stimulation Optimization," "North America Shales – Reservoir Characterization and Production Properties," "Regional Evaluation of the Haynesville and Bossier Shales," and regional evaluations of the Marcellus, Eagle Ford, Montney, Duvernay, and Wolfcamp shales. His special interests include integrating geology, petrophysics, stimulation and production analysis for optimizing the exploitation of unconventional reservoirs. He is a member of the American Association of Petroleum Geologists, Houston Geological Society, Society of Professional Well Log Analysts, and Society of Petroleum Engineers.



EVENT INFO

Wednesday 5.18.16

11:30 AM – 1:00 PM

SPEAKER

Randy Miller

Vice President of Integrated Reservoir Solutions
Core Laboratories

LOCATION

Norris Center - Westchase
9990 Richmond Ave, Ste 102
Houston, TX 77042

EVENT CONTACT

Stephen Loving
713-328-2244
stephen.loving@corelab.com

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EVENT INFO

Thursday 5.19.16

8:00 AM - 4:30 PM

LOCATION

Anadarko Conference Center
1201 Lake Robbins Dr.
The Woodlands, TX 77380

EVENT CONTACT

Alexandra Martinez
adinorah.martinez@gmail.com
956-249-0994

MEMBERS

\$90/\$125 Walk-in

NON-MEMBERS

\$115/\$125 Walk-in

STUDENTS/TRANSITIONING

\$20/\$125 Walk-in

ONLINE REGISTRATIONS

spegecs.org/events/3169/

RESERVOIR

**SPE-GCS 2016 Reservoir
Technology Forum**

Reservoir Technology Forum is the annual event hosted by the SPE Gulf Coast Section Reservoir Study Group to disseminate knowledge and technology needed to achieve the many objectives of reservoir management, including understanding risk, increasing production and reserves, and maximizing recovery.

SESSION 1 – Integrated Reservoir Characterization Studies

8:30 AM – 9:30 AM



Reservoir Fluid Properties (PVT) and Phase Equilibria: What Fluid Data You Need for Integration and When?

Speaker: Birol Dindoruk, Shell

Integration from Multiple Disciplines in Horizontal Well Evaluations to Increase Production in Organic Rich Shales

Speaker: Kevin Fisher, Schlumberger

**SESSION 2 – Production Forecast and Reserve Estimation in
Unconventional Reservoirs 10:00 AM – 11:30 AM**



Unconventional Reservoir Model Predictions Using Massively-Parallel GPU Flow-Simulation

Speaker: Jim Gilman, iReservoir

Machine Learning for Production Forecasting: Accuracy Through Uncertainty

Speaker: David Fulford, Apache

Reserves Categorization in Unconventional PDP Wells – What to Consider

Speaker: Rod Sidle, Energy Navigator

SESSION 3 – Emerging Technologies to Improve Recovery Efficiency

1:00 PM – 2:30 PM



Optimization of Well Locations: A Robust Approach

Speaker: Benjamin Ramirez, Shell

Waterflood Sweep Improvement at Prudhoe Bay, Alaska

Speaker: Praveen Singh, BP

Data-Driven Modeling for Reservoir Management: Premises, Promises, Perils

Speaker: Srikanta Mishra, Battelle Institute

SESSION 4 – Challenges and Opportunities of the Low Oil Price Environment

3:00 PM – 4:00 PM



Survivor: Office Edition - Avoid the Capability Trap and Increase Productivity in this Low Margin Environment

Speaker: Elizabeth DeStephens, California Resources Corporation

Investment Perspectives

Speaker: Samantha Holroyd, Denham Capital

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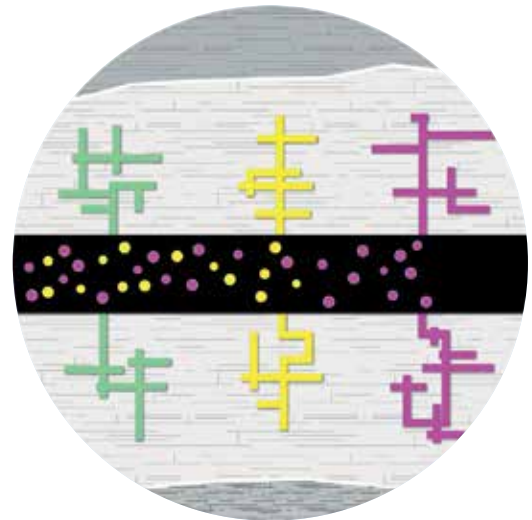
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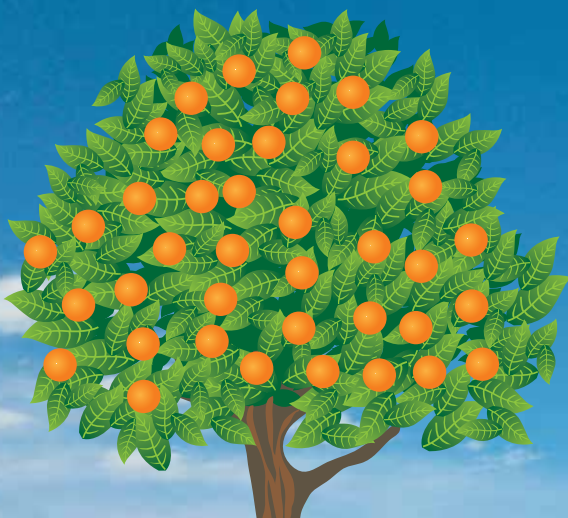
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GENERAL MEETING

A Paradigm Change for Fracking

The decline of the oil price has caused operators to turn to systems that both simplify operations and reduce costs. These same systems also deliver significantly more oil. Over the past five years, these chemical systems are producing as much as twice the oil from side-by-side comparisons to guar systems; e.g. same pad, same frack crew, etc.

This rather significant change was brought about with the development of economically attractive nano-particulates and micro-emulsions that render polymer systems excellent viscoelastic properties that have meaningful G values. One of the other keys is that “the small” leads to incredible increases with respect to useful surface area. The benefits of this achievement are many and the subject of this discussion.

One example deals with the rate of polymer hydration: Hydration is sufficiently fast that polymer hydration tanks are being eliminated from frack jobs with polymer feeding directly to the sand blender. Further, at 2-3 gpt, over 500,000 pounds of 20/40 mesh sand is being placed per stage. Regain conductivities are in the 90s compared with guar in the 30-40% range.

TOM WENTZLER

Tom Wentzler graduated from Pennsylvania State University with BS and MS degrees in engineering. He then obtained an MBA in operations research and statistics from the University of Michigan. After graduating, he worked for Dow Chemical in Midland, MI, in chemical plant optimization; was a technical manager for uranium recovery; and was a market manager for copolymer bead sales into the oil industry. Dow moved Wentzler to Houston to run its Clear Brines Business in 1979.

In 1981, Wentzler co-founded Tetra Technologies. Tetra went public in 1991. In 1995, Wentzler retired for several years. In 2003, he founded Magnolia Research and later acquired Binder Science, LLC. Binder Science uses chemicals to build lease roads, locations, and industrial yards. Binder also makes proprietary flowback chemicals, nano-particulates, frac and coil polymer slurries, lubricants, and micro-emulsion cleaners.

ONLINE REGISTRATION: spegecs.org/events/3219/



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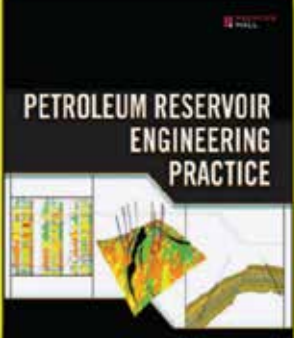
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EVENT INFO

Thursday 5.19.16

11:30 AM - 1:00 PM

SPEAKER

Tom Wentzler
President
Binder Science, LLC

LOCATION

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

EVENT CONTACT

Barry Faulkner
281-627-8790
barryfaulkner@earthlink.net

MEMBERS

\$35

NON-MEMBERS

\$40



EVENT INFO

Wednesday 5.25.16

5:00 PM - 7:00 PM

SPEAKERS

Buddy Clark
Partner

Haynes and Boone, LLP

Thomas Kaetzer
President/CEO
Redbud E&P Inc.

LOCATION

Four Season Hotel
Downtown Houston
1300 Lamar St
Houston, TX 77010

EVENT CONTACT

Cody Felton
281-221-3042
Cody.Felton@energy.net.com

MEMBERS

\$40/\$50 Walk-In

NON-MEMBERS

\$45/\$50 Walk-In

BUSINESS DEVELOPMENT

Bankruptcy: Opportunities and Pitfalls for Acquisitions

An unfortunate outcome of the prolonged slump in oil and gas prices is that a number of E&P companies and MLPs have filed for bankruptcy – or soon will. We have seen a spectrum of filings, from neat and tidy pre-package deals where the legal crank is turning rather quickly to wide-open filings where the ultimate outcome of property sales or reorganization will involve a long and difficult road. Potential acquirers can range from asset-level purchasers to those after the whole company via acquisition of controlling debt. Some bankruptcies are raising new and impactful issues such as the ability to terminate – or not – midstream contracts conceived at \$100 bbl or how might tax impacts “flow through” an MLP. Buddy Clark will walk us through the bankruptcy process while additional speakers will provide feedback on the process from an operator’s perspective.

Please join us at 5 PM May 25 at the Four Seasons Hotel in Houston as our excellent speakers show us both the opportunities and the pitfalls of pursuing acquisitions associated with the bankruptcy process.

BUDDY CLARK



Buddy Clark is head of the Energy Practice Group at Haynes and Boone, LLP. He has focused his practice for the last 30 years on oil and gas finance, representing banks, private capital providers, and producers in secured and unsecured credit transactions and equity investments; transactional energy law, including oil and gas exploration, production and development, and midstream acquisitions, joint developments and partnerships; and energy-related litigation and bankruptcies. He recently completed his book on oil and gas lending, *Oil Capital, The History of American Oil, Wildcatters, Independents and Their Bankers*. Clark has a BA and a JD from the University of Texas at Austin.

THOMAS KAETZER



Thomas Kaetzer has 34 years of experience in the oil and gas industry. The first 15 years were with Texaco, followed by with Vastar/Arco. For the past 18 years, he has managed, run and built independent exploration and production companies. He joined Redbud E&P Inc. in 2010 as president/CEO while Redbud was exiting bankruptcy and the lenders were seeking asset growth and a monetization. Kaetzer now owns Redbud, and the company has a minority interest in multiple oil and gas assets it manages for a private equity company. Kaetzer is a graduate of Tulane University with a master’s in petroleum engineering and from the University of Illinois with a BS in civil engineering.

COMPLETIONS & PRODUCTION

Efficient Optimization and Automated History Matching for Fracture-Stimulated Wells in Condensate Reservoirs

The interaction between flowing hydrocarbons, water, and matrix must be well understood to determine the limitations of gas production from fractured reservoirs. An efficient numerical model was built using simplified geometry combined with transient analysis of pressure distribution in an extended fracture-stimulated domain of a condensate reservoir with detailed accounting for gas condensation and water flow. The active set method is chosen for multivariable optimization of fracture stage and automated history matching.

For test simulations, the developed numerical model was realized in a commercial software code and used for sensitivity analysis of reservoir productivity regarding changes of fracture size and spacing. It analyzes reservoir permeability in the fractured condensate reservoirs accounting for multiphase reservoir flows and reservoir properties. The condensation/evaporation process is simulated using PVT tables, which are downloaded before the simulations begin. This solution is dynamically combined with a solution outside of the fractures; consequently, the pressure profile in the fractures is updated at every time step. Detailed comparison with predictions of two commercial software tools showed the model accurately predicts transient pressure fields near the fractures and the production decline curve. Applying the model in the economics analysis is shown to yield optimal parameters of a model fracture stage. The method provides automated history matching for available field data. Because of the simplicity, the simulations are fast and usable as an application for wellbore solvers, reducing the need for coupling with 3D reservoir solvers.

DR. ANDREY FILIPPOV



Dr. Andrey Filippov has more than 30 years of international experience in the oil and gas industry, ceramic materials and electronics components industry, and leading academic research centers in applied mathematics, fluid dynamics and heat transfer. He received MS and PhD degrees from Moscow Lomonosov University and worked as a research associate at the Institute of Mechanics (Moscow), University of Duisburg (Germany), ETH Zurich (Switzerland) and Yale University (USA) focusing on aerosol physics and multiphase fluid dynamics. In 2001, he joined Corning Incorporated, where he worked 11 years as an individual contributor and a member of international multidisciplinary teams, conducting various research and development projects.

In 2011, Filippov joined Halliburton, where he is currently Principal Technical Advisor and Manager of a science group, leading research and development for oil and gas drilling, hydraulic fracturing and production. He has written a number of technical reports, authored 33 patent applications, received 17 patents, and published 52 technical papers in peer-reviewed journals.



EVENT INFO

Wednesday 5.25.16

11:30 AM – 1:00 PM

SPEAKER

Dr. Andrey Filippov
Principal Technical Advisor
Halliburton

LOCATION

Norris Center – Westchase
9990 Richmond Ave, Ste. 102
Houston, TX 77042

EVENT CONTACT

Shree Krishna
919-413-9670
shreekrishna@gmail.com

MEMBERS

\$35

NON-MEMBERS

\$40

Where Are They Now?

PAST SCHOLARSHIP WINNERS

The Scholarship Committee recently 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 for a summer 2016 pre-college internship, you'll be glad to know that the program has enjoyed considerable success over the past six decades. Here's winner **Kory Izard's story**:

Earning a degree in petroleum engineering is both challenging and rewarding, but as I look back on my college years, I realize that some of my favorite memories came from the friendships created and adventures made with my classmates during those same hard years. In fact, we still laugh today about how much we suffered together in the computer labs and the comical situations we found ourselves in.

Those same friends were also some of my best cheerleaders when we all started trying to find summer internships. As a result, I had the opportunity to intern with three different companies. In 2006, I worked for Anadarko in Gillette, WY, on coalbed methane gas. In 2007, I worked for ConocoPhillips in Anchorage, AK, with its North Slope Coil Tubing Operations. Lastly, in 2008 I worked for Chevron in Bakersfield, CA, for the Kern River Field.

While I enjoyed all three experiences, I found my "fit" to be at Chevron. I started my full-time position back on the same team I interned with as a reservoir engineer for Kern River, which was a great transition for me from college into the corporate world. I stayed in California for almost six years, and I have recently moved back to Houston, where I'm working as a production engineer for projects in the Wyoming area.

Now, as I look back on my internships, I realize the SPE-GCS scholarship opened doors for me by not only allowing me to see actual opportunities in the petroleum industry, but also by allowing me to learn real-world skills like interviewing and leadership, which I further cultivated as the TAMU-SPE Student Chapter Treasurer.

One piece of advice I would give to students searching for their place in the industry is to go to the career center on your college campus BEFORE your first week of school. Most career centers can help you with your resume and tell you interview schedules. Remember that most companies start coming to campus in early September, so you have to hit the ground running. And having at least one internship under your belt will definitely help you land your full-time position when you graduate college. If you have any questions, please contact me at Kory.Izard@chevron.com.

KORY IZARD



- Production Engineer at Chevron
- Alvin High School - 2005
- Texas A&M University
BS in petroleum engineering

For Corporate

Registration & Information:

spegecs.org/sponsorship-opportunity/

For Individual Scholarship

Donation Information:

spegecs.org/spegecs-scholarship-fund/

The SPE-GCS Auxiliary will not have a formal luncheon and program in May. Meet us for an informal lunch at McCormick & Schmick's for conversation and friendship with separate checks.

EVENT CONTACTS

Evelyn Earlougher
281-419-1328

earlougher@comcast.net

Nancy Hill
281-435-1619

ben-81-rth@comcast.net

EVENT INFO

FRIDAY

5.6.16

11:00 AM

EVENT LOCATION

McCormick & Schmick's
791 Town & Country Blvd
Houston, TX 77024

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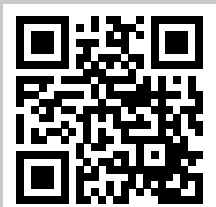


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EVENT LOCATION

Westside Sporting Grounds
10120 Pattison Rd
Katy, TX 77493

EVENT CONTACT

Paul Conover
713-582-1078
Paul.conover@nov.com

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REGISTRATION INFO

Tournament registration and sponsor forms are available online at spegcs.org/events/3223/

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832-816-8966
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Sponsorship forms can be emailed to:
Greg Rachal
gregory0222Rachal@hotmail.com



Friday

6.3.16

7:00 AM - 5:00 PM

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Members in Transition Initiative

FOURTH 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 who are looking for new career opportunities. The agenda for the fourth seminar in the series will include “Careers in Data Science,” “Career Planning and Navigation,” and “MBA Options at Rice University and University of Houston.” There will also be discussion of resources for SPE members.

Program 1: Careers in Data Science

Multiple technology revolutions are taking place and almost all businesses are being impacted. Organizations will need to leverage the Internet of Things, machine-to-machine communications, and big data to grow, to be innovative and to remain competitive. One of the key areas of expertise needed to create innovative growth in these fields is data science. This presentation will discuss how to build a career in data science, a career field of the next generation.



DR. SATYAM PRIYADARSHY is a pioneer in data science, big data, analytics, and emerging technologies. He is Chief Data Scientist at Halliburton's Landmark PSL, leading initiatives focused on innovating with E&P data by leveraging big data and data science. Dr. Priyadarshy holds a PhD from Indian Institute of Technology Bombay and an MBA from Virginia Tech.

Program 2: Career Planning and Navigation

This presentation will address questions including: How does a new graduate or young professional manage cyclical behavior effectively? When should one ask for a promotion or a raise? What career options do junior engineers have, and what routes can they take to their destination? How does career planning change over the span of a 30-plus-year career?



CHERYL COLLARINI holds a bachelor's degree in civil engineering from MIT and an MBA from the University of New Orleans. Her current roles are as Chairman of Collarini Energy Staffing and Manager and owner of DGC Energy, which consults in petroleum engineering and invests in oil and gas projects.

Program 3: MBA Options at Rice University and University of Houston

Engineers often consider the pursuit of an MBA during various inflection points during their career. Whether you are an engineering student, a mid-career professional or an experienced engineering expert, there are various options for the pursuit of an MBA to broaden your perspective.



SUE OLDHAM earned a BA in English at Rice University and an MBA in Marketing from Vanderbilt University. In her job at the Jones Graduate School, Ms. Oldham is the executive director of admissions for all three of the MBA programs.



DALIA R. PINEDA is the Director of Admissions and Recruitment for Graduate Programs at the University of Houston C.T. Bauer College of Business. She received her B.A. in Sociology from the University of Texas in Austin and M.A. in Cross Cultural Studies from the University

EVENT INFO

MONDAY

5.20.16

10:00 AM – 3:00 PM

SPEAKERS

Dr. Satyam Priyadarshy
Chief Data Scientist
Halliburton-Landmark

Cheryl Collarini
Chairman
Collarini Energy Staffing Inc.

Sue Oldham
Executive Director, Recruiting &
Admissions, Jones Graduate School
of Business
Rice University

Dalia R. Pineda
Director of Admissions and
Recruitment for Graduate Programs,
Bauer College of Business
University of Houston

LOCATION

University of Houston
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Alex McCoy
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Alexander_mccoy@oxy.com

MEMBERS/NON-MEMBERS

\$15

REGISTRATION

spegcs.org/events/3233/

NOTE

Registration is capped at 30

AAPG Presents New Thinking and Value Propositions in Exploration and Production: Proactive Steps Now

The American Association of Petroleum Geologists, with the support of the Houston Geological Society, the Society of Independent Petroleum Earth Scientists-Houston Chapter, and the Society of Petroleum Engineers-Gulf Coast Section, is pleased to announce a two-day workshop focused on helping oil and gas professionals proactively create opportunities for themselves and their companies in a low price environment.

The goal of this two-day workshop is to help engineers, geologists, geophysicists, land professionals, and entrepreneurs define and implement economic project opportunities in a low price environment, including:

- Rethinking reservoirs and technologies
- Bringing value propositions to operators
- Revitalizing reservoirs for less than the cost of plugging and abandoning, paid for by increased production
- Piloting new products and technologies
- Being prepared to prosper when industry conditions improve

Speakers will include (some still provisional):

- Ross Peebles - Seismic / Characterization / Improvement Case Study
- Joel Walls - New Ways to Use Pore Characterization to Optimize Production
- Graham Spense - Advanced Cutting Analysis Provides Improved Completion Design, Efficiency and Well Production
- Andrew Benson - Better Ways to Use Geology to Improve Production and Efficiency: Case Studies
- Ahmed Ouenes - Successful Refracing: Workflows and Case Studies
- Geoff Thyne, Teresa, Nealon, and Salem Thyne - How Changing Wettability Can Improve Production in Extremely Quick and Cost-Effective Ways;
- Liang Xu - Surfactants: Inexpensive & Effective Revitalization
- Troy Jones - Restoring the Reservoir Drive: Automation and New Lift Technology
- Pedro Rodriguez - Restimulating and Refracing Using Pressure Pumping
- Greg Boyles - Smart Pumper Systems to Revitalize Reservoirs
- Deborah Sacrey - Machine Learning in the Workflow for New Discoveries
- William (Bill) Fairhurst - Getting Started in Acquiring or Evaluating Assets: Assembling Teams, Financing Options, Acquiring the Right Data;
- Susan Nash - Build Your Own Opportunities in the Oil Business: Easy and Practical Steps
- Steven Ilkay - Generating Cash Flow Under Lower Oil Price Scenarios for Longer: A Look at Current Economics of Conventional, Marginal and Unconventional Plays
- Ryan Duman - Will Spending More Get You More? An Analysis of the Relationship Between Well Cost and Productivity
- Robert (Bob) Shelley - Improving Shale Economics

EVENT INFO

TUESDAY + WEDNESDAY

**5.17.16 &
5.18.16**

LOCATION

Norris Conference Center
City Centre
816 Town & Country Ln, Ste 210
Houston, TX 77024
713-590-0950

COST

Students \$150
Transitioning \$75/day (\$150 both)
Young Professionals \$295
Speaker \$395
Affiliated Member \$595

REGISTRATION

aapg.org/career/training/in-person/workshops/details/articleid/27184/new-thinking-and-value-propositions-proactive-steps-now



SPE-GCS

2016 SPE-GCS ANNUAL AWARDS & SCHOLARSHIP BANQUET AND 80TH ANNIVERSARY REUNION CELEBRATION

Join the SPE Gulf Coast Section as we celebrate another year of student success, emerging professionals, established industry leaders and long-time members and supporters!

Every year the Society of Petroleum Engineers Gulf Coast Section (SPE-GCS) holds a banquet to honor SPE Scholarship recipients, Young Professionals, the SPE Legion of Honor, and the recipients of the SPE Gulf Coast Section North America Regional awards and SPE Gulf Coast Section awards.

The SPE-GCS gives over \$350,000 annually in scholarships. The annual SPE-GCS Awards Banquet recognizes the high school seniors and college students who have received an SPE-GCS, Communities in Schools – Houston or SPE Auxiliary scholarship for the 2016-17 academic year. The scholarship recipients and their parents are invited to attend. This is a great opportunity to welcome outstanding students into the petroleum industry and to make a positive impression on members of the community. In addition, this event also recognizes our Legion of Honor award recipients as well as our SPE Sectional and Regional award winners. Members of the Legion of Honor have served SPE for fifty years and will be honored for their long-standing commitment to our professional society.

The Gulf Coast Section is SPE's largest section, with the most members of all SPE sections worldwide. This night is your chance to show your support to those of us who are entering the industry, those of us who are leading the industry, and those of us who have spent our lives in the industry.

Sign up to attend or sponsor today! Let everyone know that you support the continued success of the Gulf Coast Section

JANEEN JUDAH

Janeen Judah has been selected by The Society of Petroleum Engineers (SPE) as the 2017 president of the international professional society. Judah, who is based in Houston, took office as president-elect in September at the close of SPE's Annual Technical Conference and Exhibition in Houston.

She currently holds the position of General Manager for the Africa Business Unit and has previously served as President of Chevron Environmental Management Company and General Manager of Reservoir and Production Engineering for Chevron Energy Technology Company.

Judah holds BS and MS degrees in petroleum engineering from Texas A&M University, an MBA from The University of Texas of the Permian Basin, and a JD from the University of Houston Law Center.

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THURSDAY MAY 26
6:00 - 10:00 PM

SPEAKER

Janeen Judah

LOCATION

Norris Center CityCentre
Red Oak Ballroom
801 Town & Country Blvd, #210
Houston, TX 77024

EVENT CONTACT

Jeremy Viscomi
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MEMBERS & NON-MEMBERS

\$55

STUDENT CHAPTER OFFICERS

\$25

TABLE SPONSORS

\$550

REGISTRATION

spegcs.org/events/register/3157/pre/



EVENT RECAP

On March 11, 2016 the SPE Gulf Coast Section HSSE-SR Study Group hosted 152 students from Houston ISD, Katy ISD and Fort Bend ISD at our second annual HSE Student Invitational at the Young Women’s College Preparatory Academy in Houston. We had 10 HSSE-SR study group volunteers work hand in hand with 11 volunteers from the University of Houston SPE Student Chapter. The event featured a viewing of the movie Switch Energy as well as presentations on Malaria and Climate Change. The event also featured a drone demonstration and concluded with lunch. ▼



Education Committee



Education Committee members volunteered at the Student Invitational at Young Women's College Preparatory Academy on March 11.



Education Committee



Education Committee

Thanks to all of our volunteers who helped in March at the Houston Food Bank.

In just a few hours, this is what SPE helped to achieve at the Portwall center:

- 7,728 pounds of food handled (sanitized, sorted, packed)
- 6,440 meals prepared

What a great opportunity to give back to the community while getting to know people from our industry! ►



Houston Food Bank



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57th Annual Science Engineering Fair of Houston



57th Annual Science Engineering Fair of Houston



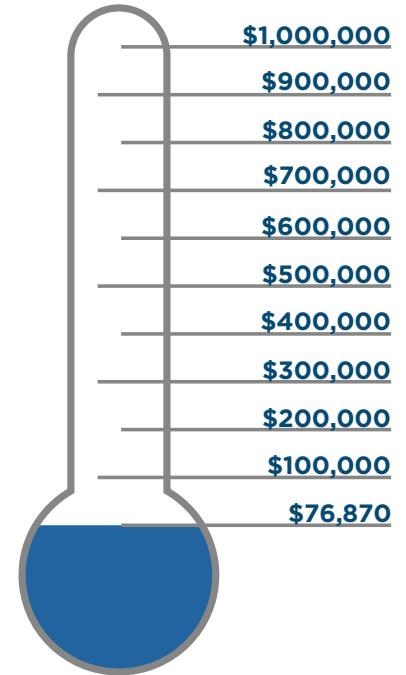
57th Annual Science Engineering Fair of Houston

SPE-GCS Scholarship Fund Update

SPE-GCS Scholarship Fund Status
 Raised \$76,870 as of April 7, 2016

We are excited to announce our second status update for our fundraising efforts: As of April 7, we have raised **\$76,870** to support our scholarship program! We thank all of our donors for their support and generosity.

For more information about our scholarship fund, scholarship program, or our current donor list, please visit www.spegcs.org/spegcs-scholarship-fund/. You will find testimonials from past scholarship recipients and learn the impact that SPE-GCS scholarships had on their lives and careers. If you have not yet donated, we invite you to visit our website and support our efforts as a fellow member of the SPE-GCS family and fellow industry professional. As a reminder, all donations are tax-deductible. We also encourage you to find out if your company has a matching program that could make your individual donation go even further!



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SPE-GCS
TAMU STUDENT CHAPTER
TRAINING FOR THE FUTURE

With another incredible year in the books for TAMU-SPE, I am excited to introduce the recently elected officer team that will lead our student chapter for the 2016-2017 academic year. I have complete confidence that these dedicated and energetic new leaders will continue our tradition of raising the bar higher each year to improve our Texas A&M University student chapter. We have a lot to look forward to in 2016!

Shawn Guice
President 2015-2016



Courtney Walker, Vice President:

“For almost three years I have been involved with the SPE organization. I wish to serve this organization to my fullest extent. I would like to see SPE be more effective at reaching out to underclassmen, specifically freshmen. I would also like SPE to strengthen our industry contacts and bring more recruiters to our events.”



Benjamin Bates, Treasurer:

“More than anything, I want to give back to an organization that has done so much for me, especially in developing my professional career. Foremost among my goals next year is to find and encourage the growth of existing funding and promote new funding. I also want to encourage involvement among our current members, especially freshmen.”



Jordan Argamany, Secretary:

“As a petroleum engineering student inclined toward soft skills, I have a desire to improve many of the interpersonal traits SPE seeks to develop in its members. As someone who has benefited from so many of the things the PETE department and SPE have to offer, I feel it is my turn to give back and help out in any way possible.”



Hanyu Li, Graduate Representative:

“My motivation is to enhance the interaction between graduate students and undergraduate students. I would also like to improve graduate student involvement in both academic and social SPE events. My goal is to increase the reputation of the chapter in SPE International.”



Alex Lambros

Alex Lambros, President:

“As the premier student chapter in the world, we are the ones who need to continuously push the boundaries of the possible no matter what the state of the oil and gas market is. We are the pioneers tasked with being the main source of innovation. We must never settle or rest on our laurels. We must strive to set the standard for other chapters to follow. I am motivated to take on these profound challenges.”

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May CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY Auxiliary	SATURDAY
1	2	3	4	5	6	7
8	9	HSSE-SR Northside	Water and Waste Mgmt	12	13	14
15	16	Drilling PF&C AAPG Workshop	Westside AAPG Workshop	Board of Directors Reservoir General Meeting	Members in Transition (MIT)	21
22	23	24	Completions & Production Business Development	SPE-GCS Awards & Scholarship Banquet	27	28
29	30	31				