

AUGUST 2016

CONNECT SPE GULF COAST SECTION NEWSLETTER

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MUD MOTOR - OPERATING IN DIFFICULT TIMES, HOW

OU JG PROF ESSIONALS

TECH DISCIPLINES AND COMPETENCIES

REVEALING THE RESERVOIR WITH SUBSURFACE DNA DIAGNOSTICS COMPLETIONS & PRODUCTION P. 11

MEMBERS IN TRANSITION (MIT)

SEVENTH SEMINAR SERIES

2017 SPE ELECTRIC SUBMERSIBLE PUMP SYMPOSIUM P. 16

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SPE-GCS CONNECT

CHAIR'S CORNER



DEEPAK M. GALA 2016-2017 SPE-GCS Chair

The SPE Gulf Coast Section extends a warm welcome to our new chair, Deepak M. Gala with Shell! We thought we'd introduce him by sharing part of our conversation:

Connect: Where are you originally from, and how did you wind up in Houston?

Originally, I am from Mumbai, India. I arrived in Texas in fall 2002 to pursue graduate studies. I come from a hard-working family with basic education. However, my parents understood the value of education and its importance in the world, and they supported my development from my early childhood. I wanted to pursue a career in oil and gas, which made Houston a natural destination for me.

Connect: Since you're not a native Texan, what do you think makes Houston and the Gulf Coast region such a great place to live and work?

When I was considering where I wanted to attend college, I shortlisted Texas as it offers more oil and gas exposure than any other state in the US. After graduation, I was successful in transitioning from my internship to a full-time job in Houston, the energy capital of the world. I feel Houston has all the components of a metropolis. The diversity of the city is vibrant with a large international community. I was able to establish social network – friends, extended family, and professional contacts – in only a few years. Thus, Houston quickly became my home away from home. Also, compared to some other major oil and gas hubs, Houston provides more opportunities for dual-career couples, which is one the reasons why my wife and I have made Houston our home for now.

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

SPE keeps us connected throughout our careers and office lives. SPE provided me with avenues for sharing knowledge; enhancing my technical, writing, and project management skills; and networking at the local and international levels. With its deeply interconnected and diverse culture, SPE provided me with the opportunity to test my leadership skills at a young age and connect with a plethora of leading talent in the industry.

Connect: You are part of Shell's Deepwater group. Where do you foresee attractive future deepwater exploration and production plays?

Deepwater is one of Shell's two growth priorities (chemicals is the other). With our early 2016 completion of the BG deal, we boosted our global deepwater production by 25% and increased our access to resources. This gives Shell an abundance of choices in countries where we already have expertise, longtime relationships, and critical infrastructure. We have a strong development pipeline and production on-stream in Brazil, the US Gulf of Mexico, Nigeria, and Malaysia. We expect our global deepwater production to double to more than 900,000 barrels of oil equivalent (boe) per day by the early 2020s, and that production will come from already-discovered, established areas.

Connect: A topic that interests many of our readers is balancing work and family. How do you do that?

I have a strong support system at home, even though we are a dual-career couple. The key is to have a supportive network, which includes our employer. At Shell, I have a support network that understands the challenges of work-life balance as well as dual-career couples. The flexible work culture at Shell has been instrumental in keeping the balance tipped on the positive side.

Connect: What do you get excited about outside of Shell & SPE?

I enjoy spending time with my wife and two kids. Recently, my son and I have started going for tandem bike rides. They are a lot of fun. I like to read non-fiction books and annual reports.

Connect: Last word?

SPE is your society; connect and contribute to it.

Finally, I would like to thank our outgoing Chair, Dr. Ivor Ellul, for all he has done for GCS and for me. I am glad he will still be an active part of GCS and will serve as Past Chair of the board. I have always valued Ivor's advice, friendship, and leadership attributes. I learned a lot from him, as an entrepreneur, a mentor, and as a friend.

QUICK TAKE:

Technology that has made the most impact on my career: Managed pressure drilling

Number of SPE papers published?

11 conference papers and four journal papers. I would like to acknowledge my co-authors for their support and encouragement.

Must-haves for YPs to succeed: A curious mind and persistence (and that's not limited to YPs!)

Last international business trip: Tanzania

Sports I follow: Professional cricket, football and tennis

Last book I read: When Breath Becomes Air by Paul Kalanithi

Is SPE-GCS meeting your expectations?

We challenge you to send us your feedback on an event you attended, the Connect newsletter or anything else related to SPE-GCS. Write us at **spe-gcs@spe.org** or directly at **Deepak.Gala@shell.com**

CONTENTS

STUDY GROUPS

Petro-Tech 8.9.16 Tech Disciplines and Competencies

Drilling & Young Professionals 8.12.16

> Mud Motor - Operating in Difficult Times, How & When to Use

11 Completions & Production 8.24.16

Revealing the Reservoir with Subsurface DNA Diagnostics

COMMITTEES

12 Young Professionals 8.7.16 Volunteering at The Beacon

> Young Professionals & Business Development 8.17.16 2016-17 Joint Social Season Kickoff

13 Education Where Are They Now, Brent Vangolen

> Education Scholarship Fund Update

14 Board of Directors

8.26.16 SPE-GCS 2016-2017 Kickoff Meeting

MORE



17

Members in Transition (MiT) 8.5.16 Seventh Seminar Series

16 2017 SPE Electric Submersible Pump Symposium 4.24.17 – 4.28.17

> Gulf Coast Section Rules SPE International Awards

IN EVERY ISSUE

5 SPE-GCS Membership Report June 2016

> **Volunteer Spotlight** Katy Essary

18 Event Recap Young Professionals Annual Banquet

21 Student Chapters Section TAMU University of Houston

22 SPE Gulf Coast Section Directory

BOARD OF DIRECTORS KICKOFF MEETING

THURSDAY, AUGUST 26

MEETING LOCATION

RAC Houston Conference Center 1880 S Dairy Ashford Rd | Bldg II, Suite 220 Houston, TX 77077

CONTACT

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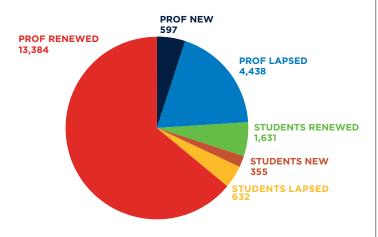
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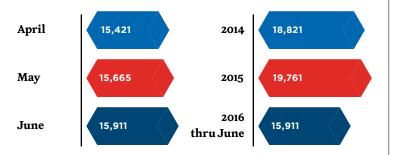


SPE-GCS MEMBERSHIP REPORT Through June 2016

TOTAL SPE-GCS MEMBERSHIPS



CURRENT MEMBERSHIP TRENDS



STUDENT MEMBERSHIPS

STUDENTS	RENEWED	NEW	TOTAL	
НСС	80	40	120	
Prairie View	19	39	58	
Rice	47	71	118	
Texas A&M	1003	91	1094	
UH	454	94	548	
Unassigned	28	20	48	
TOTALS	1631	355	1986	

*This chart does not reflect lapsed student memberships

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



VOLUNTEER **Spotlight** Katie essary

he SPE Gulf Coast Section is delighted to feature Katie Essary as Volunteer of the Month. Katie joined SPE as a student officer for the University of Kansas to learn more about careers in oil and gas. She had also heard how fun ATCE was and wanted to be a part!

Katie serves the SPE Gulf Coast Section as the High School Recruiting Chair for the Education Committee. She was previously PetroBowl Chair for the Young Professionals Board.

Katie received her BS in chemical engineering from the University of Kansas. Upon graduation, she started working with Chevron in Bakersfield, focusing on developing and optimizing mature, heavy oil fields.

Since then, Katie has transitioned into her current role as a Reservoir Engineer with Chevron's Permian Basin Exploration Team, focusing on resource appraisal, reserves, estimation, and business development.

What Katie enjoys most about volunteering is the opportunity to positively impact someone's life. For her, the most rewarding events are usually those that motivate and encourage young people to pursue a career in engineering. Exposure to these types of events is what led her to her career, and she hopes they do the same for others!

Katie also values the broad network of colleagues and friends that SPE has provided her. The importance of these relationships has been highlighted recently. Katie says it is during the hard times in the industry that we must remember we can be resources for each other. We can support, uplift, and positively impact one another's lives.

Thank you for the great reminder, Katie. And thank you for all that you do for SPE!



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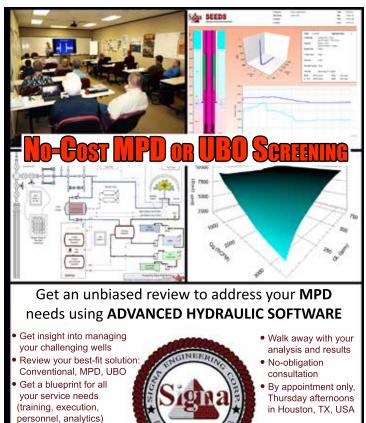
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PETRO-TECH

Tech Disciplines and Competencies

The Petro-Tech Study Group was established many years ago by petroleum technologists (technicians) to network, communicate and exchange information.

This panel aims revive an effort to collaboratively create written guidelines for the development of core competencies that petroleum technicians need throughout their careers. Technicians, along with their managers, will be able to use these guidelines to craft individual development plans. The guidelines will empower technologists to take responsibility for their own development and career plans.

Our speaker will open with a discussion of how "technologists are only as good as we allow them to be." This discussion will explore further possibilities and capabilities of the technologist role. We will form a committee to facilitate the structuring and writing of the guidelines throughout the 2016-2017 GCS program year. Attendees can also share ideas and technology applications during an open-floor discussion.

Please promote this important event throughout your company. The Petro-Tech Study Group intends to publish the career development guidelines so that your company may use them in preparing technologists for the future.

JESSICA MORGAN

Jessica Morgan is the Chair of the Petro-Tech Study Group, having been with the board since 2011. She has 14 years of experience in the industry, moving from admin to tech to technologist in quick succession. She has extensive experience in data analysis, reserves reporting, database administration, corporate compliance and reporting, and software development/troubleshooting.

Morgan has been a member of SPE for many years. She has been employed at Black Stone Minerals as a Senior Engineering Technologist for the last six years. Before that, she was a Reserves Analyst for Goodrich Petroleum from 2002 to 2010. She enjoys teaching, mentoring, and working to advance the industry's understanding of techs and their roles and responsibilities.

ONLINE REGISTRATION: spegcs.org/events/3282/



EVENT INFO

Tuesday 8.9.16

SPEAKER

Jessica Morgan Senior Engineering Technologist Black Stone Minerals

LOCATION

SPE-GCS Training Center 10777 Westheimer Rd, Ste 1075 Houston, TX 77042

EVENT CONTACT

Jessica Morgan 281-685-0594 jmorgan@blackstoneminerals.com

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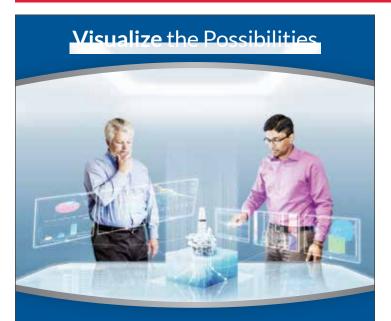
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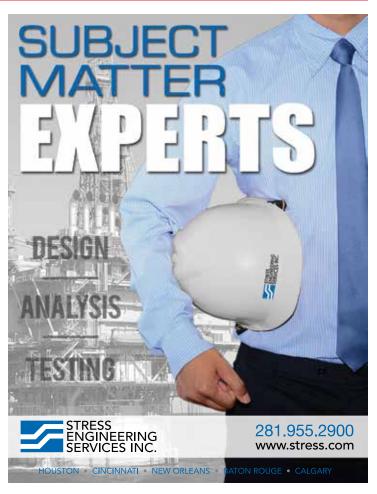


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DRILLING + YOUNG PROFESSIONALS

Mud Motor -Operating in Difficult Times, How & When to Use

The positive displacement motor, commonly called a mud motor, is a simple but elegant machine that has become an integral part of the BHA, especially when drilling shale wells. Even though tremendous advancements have been made, challenges remain. The one-day workshop on mud motors covers concepts, performance, advancements, future designs, and how and when to use at difficult times. The workshop covers additional talks from industry technology leaders and is aimed at engineers, mud motor experts, and manufacturers.

DR. ROBELLO SAMUEL

Dr. Robello Samuel is a Technology Fellow with Halliburton. He is a research and engineering lead for well engineering applications and is responsible for research and scientific activities for new drilling technologies. He has more than 25 years of multi-disciplinary experience in domestic and international oil/gas drilling and completion operations, management, consulting, software development, and teaching. He has also been an adjunct Professor at the University of Houston and Texas Tech University for the past 10 years.

MICHAEL KUHLMAN

Michael Kuhlman is the Global Product Line Manager for Power Sections at Weatherford. He graduated in 1987 with a Bachelor of Science degree in petroleum engineering from The University of Southwestern Louisiana in Lafayette. He started in the industry as an LWD engineer with NL-MWD in the Gulf of Mexico. Kuhlman held the positions of LWD engineer, Directional Driller, and Multilateral and Casing Drilling Product Line Champion at Sperry-Sun Drilling Services. Kuhlman has spent the last nine years with Weatherford. At Weatherford, he has held the positions of both the Global and North American Directional Drilling Product Line Manager.

MICHAEL HOOPER

Michael Hooper joined Sperry Drilling as the Chief Technical Advisor and Global Product Manager of Drilling Motors in 2015. Hooper has 39 years of experience in testing, design, manufacturing, and management of drilling tools. He holds a Bachelor of Science in mechanical engineering from California State University at Long Beach. He began his career as a test engineer with Smith Tool in 1976 and has held various engineering and management positions in product development for drill bits.

DR. GUNTHER 'DOC' VON GYNZ-REKOWSKI

Dr. Gunther "Doc" von Gynz-Rekowski is the Principal, Managing Director of Ashmin LC, based in Houston, a developer and manufacturer of drilling and completion tools and technologies for the oil and gas industry. He introduced and built up a new line of drilling products, with a start-up engineering company, for a customer base in the US, Europe and Latin America. Previously, he worked at Pegasus Drilling & Engineering Services and Baker INTEQ, where he was responsible for solving problems related to reliability matters for downhole drilling equipment of Baker Hughes Inc.



EVENT INFO

Friday 8.12.16 7:30 AM - 4:00 PM

SPEAKER

Dr. Robello Samuel Technology Fellow Halliburton

Michael Kuhlman Global Product Line Manager Weatherford

Michael Hooper Chief Technical Advisor and Global Product Manager of Drilling Motors Sperry Drilling

Dr. Gunther 'Doc' von Gynz-Rekowski Principal, Managing Director Ashmin LC

LOCATION

University of Houston 500 Gulf Frwy Bldg 4, Room 110.H Houston, TX 77023

EVENT CONTACT

Nii Ahele Nunoo 507-304-5416 nii.nunoo@nov.com

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A STANDARDI7 REPLICABLE A HISTORY MAT WORKFLOW

THE EVOLUTI FOLDER: AFE SHALE PLAYS: HOW TECHNOLOGY, GOVERNME REGULATORS, ACADEMIA, AND THE PUBLIC HAVE CHANGED THE WORLD'S ENERGY SUPPLY AND DEMAND EQUATION

A STANDARDIZED AND REPLICABLE ASSISTED HISTORY MATCHING WORKFLOW

THE EVOLUTION OF THE REFOLDER: AFE WORKFLOW

COMPLETIONS & PRODUCTION

Revealing the Reservoir with Subsurface DNA Diagnostics

Subsurface DNA Diagnostics is a new data source for the oil and gas industry. The DNA originates from subsurface microbes present in hydrocarbon reservoirs. DNA can be obtained non-invasively to provide high-resolution subsurface information that tracks the flow and movement of oil. Using novel analysis software, this information can inform key decisions in unconventional operations at the stage, well, and field levels. The workflow starts with non-invasively acquiring samples in the oilfield, extracting and sequencing the oil and rock DNA, and then applying data science analysis to develop subsurface insight.

Operators perform extensive analysis in deciding the required number and location of frac stages to increase the EUR of a well. It is therefore critical to validate the production contribution from each stage; this information is essential to understanding the reservoir performance, connectivity and recompletion considerations. Furthermore, it is imperative to understand the effective fracture height and the vertical drainage area of the lateral. This helps define reservoir communication to improve well placement and spacing decisions in stacked lateral plays.

By presenting several case studies across US shale plays, we will demonstrate DNA Diagnostics' capability to identify heterogeneity and sweet spots across a lateral. Using this diagnostic, we will also deliver 4D production profiling data to track the oil production across each stage over time. Finally, we will present results that show frac height estimations from several wells in the Wolfcamp using Subsurface DNA Diagnostics.

AJAY KSHATRIYA, P.E.



Ajay Kshatriya is the Chief Executive Officer of Biota Technology. Most recently, he was a venture capitalist and entrepreneur at Silicon Valleybased XSeed Capital, investing and building companies founded on science-based innovation. Previously, Kshatriya was a Senior Manager at Genentech, a company that pioneered the biotechnology industry. He began his career as an engineer at Alfa Laval. He holds BS and MS

degrees in engineering from UC Berkeley and Stanford University, respectively, and an MBA from the UC Berkeley-Haas School of Business. Kshatriya is a native of Katy.

2015 PROFESSIONAL ENGINEERING EXAM RESULTS FOR PETROLEUM ENGINEERING

First Timers 61% Second+ Timers 32% National Average Pass Rate 54%

PE Exam Application Deadline Date: August 1, 2016 Next Petroleum PE Exam Date: October 28, 2016

> 2016 HOUSTON COURSES AUGUST 22 – 26, SEPTEMBER 26 – 30

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Wednesday 8.24.16

SPEAKER

Ajay Kshatriya, P.E. CEO Biota Technology

LOCATION

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

EVENT CONTACT

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

> MEMBERS \$35/\$50 Walk-In

> NON-MEMBERS \$45/\$50 Walk-In

SPE-GCS Young Professionals at The Beacon

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

More than 85% of the services of The Beacon are operated by volunteers. On August 7, it will be the SPE-GCS Young Professionals who answer the call to service. Please come and bring friends or family.

Since the event extends beyond lunchtime and involves some physical activity, please have a good breakfast beforehand to stay energized.

Donations of new or gently used items will be accepted.



Business Development & Young Professionals

2016-17 Season Social Kickoff

The SPE-GCS Business Development Study Group and SPE-GCS Young Professionals are kicking off the 2016-17 season with our fourth annual joint social at Henke & Pillot downtown. Come out, enjoy great food and company, and hear what the groups have planned for the season, including an update on the mentoring program. Whether you are starting off in the industry or an experienced professional, this event is a chance to network with a diverse group in A&D, finance, engineering, geoscience, and land.

This event is \$10, which includes food and entertainment, and is limited to the first 200 registered guests. Please register now to reserve your place. We hope to see you there!

SPONSORED BY Kayne Anderson Capital Advisors, L.P.

EVENT INFO

SUNDAY 8.7.16 10:30 AM TO 2:00 PM

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

EVENT CONTACT

Catalina Leal 832-729-5462 Catalina.leal@bakerhughes.com

EVENT INFO

WEDNESDAY 8.17.16

5:00 PM - 7:30 PM

LOCATION Henke & Pillot 809 Congress Ave Houston, TX 77002

CONTACTS Vivek Ghosh Vivek.ghosh@shell.com

Florence Derazey Florence.derazey@ihs.com

MEMBERS \$10

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, you'll be glad to know that the program has enjoyed considerable success over the past six decades. Here's winner Brent Vangolen's story:

The SPE-GCS scholarship gave me my first opportunities in this industry and was a continuing source of much-needed financial and technical support throughout four grueling years at the Colorado School of Mines, for which I am eternally grateful.

One of my favorite collegiate SPE memories was ATCE in New Orleans, where I was the SPE PetroBowl MVP. I was the Treasurer of the SPE student chapter at CSM and later served as the golf chair.

No doubt the internship with Anadarko between high school and college as part of the scholarship helped me to be able to work internships throughout all three summers in college, which was a very positive experience. Not only do you gain valuable, real-world technical experience, oftentimes prior to your more challenging coursework, but you also have a three-month interview, so to speak, to really get a feel for and understand the company and people with whom you'll potentially spend your career. It's not all about the money; you need to understand who you are in a professional setting, and find an organization that allows you to be that person.

I graduated cum laude at CSM, signed with Oxy, and have worked in many different positions and geographic locations ever since. After I started my career, I served on the young professional board of the San Joaquin Valley section.

My advice to students is to raise your hand when opportunities arise, get as much field experience as you can, and constantly push yourself out of your comfort zone. Whether it's manual labor, like packing wells or mixing mud, or helping with routine paperwork, you will be surprised how much you'll draw on the experience later. Understanding the nuts and bolts of the business will bring you a tremendous advantage over your peers who don't. Secondly, don't perpetuate the arrogant young engineer stereotype. Show up with your (hard) hat in your hand, ready to work, and really strive to listen to the many years of experience around you. The great crew change is coming, so listen and learn as much as you can, while you can. Before you know it, it just might be you on the brake handle.

BRENT VANGOLEN



CAREER OVERVIEW

- Operations Engineer at Oxy
- The Woodlands High School '06
- Colorado School of Mines, BS in petroleum engineering

CONTACT

Brent_Vangolen@oxy.com

SPONSORSHIP OPPORTUNITIES

spegcs.org/sponsorship-opportunity/

DONATION INFO

spegcs.org/spegcs-scholarship-fund/

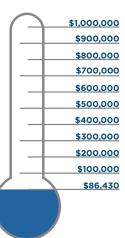
Committee: Education

SPE-GCS Scholarship Fund Update

We are excited to announce our third status update for our fundraising efforts. As of July 1, we have raised **\$86,430** to support our scholarship program! We have received donations from past scholarship recipients who wanted to give back, SPE-GCS Board of Directors members, GCS study group and committee leaders, SPE-GCS members and associates, and SPEi leaders, as well as company donations.

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!

FUND STATUS



SPE-GCS 2016-2017 Kickoff Meeting

Our 2016-2017 SPE Gulf Coast Section Kickoff meeting will be August 26th at RAC Houston Conference Center. This is an important opportunity to share contacts and best practices among our member volunteers and to learn from each other.

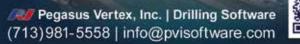
The "State of the Section" report will be given from 1:00-3:00 pm. Special training for 2016-17 SPE-GCS committee and study group chairs, vice chairs, program chairs, publicity chairs, treasurers, and new volunteers will follow from 3:00-4:00 pm.

Everyone is welcome, and attendance is free of charge. Register as soon as possible so that we may arrange for participant materials and refreshments. Here is a wonderful chance to learn about the SPE Gulf Coast Section activities for all of those who want to be involved and become contributors!

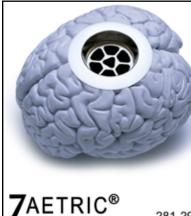
Agenda:

- Pre-Meeting Networking
- Welcome
- Safety Minute
- Strategy and Direction
- Section Chairman Remarks
- Regional Director Remarks
- SPE Leadership
- Section and Chapters
- Workings of the Section What We Do Our Plans
- Section Advancement
- Programs
- Communications
- Membership
- Career Management & MiT
- Young Professionals
- Community Services
- Education
- How Do We Do It? Workshops for Volunteers
 - A. Treasury
 - B. Communications
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EVENT INFO

FRIDAY 8.26.16 1:00 PM - 4:00 PM

LOCATION RAC Houston Conference Center 1880 S Dairy Ashford Rd Bldg II, Suite 220 Houston, TX 77077

EVENT CONTACT

Sunil Lakshminarayanan 281-248-1443 sunil_lakshminarayanan@oxy.com

REGISTRATION spegcs.org/events/3283

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Members in Transition Initiative

SEVENTH SEMINAR SERIES

The SPE Members in Transition Seminar Series includes topics of interest to SPE members who are transitioning between jobs during the current industry downturn or who are looking for new career opportunities. The agenda for the seventh seminar in the series will include "Financial Leadership for Energy and Technology Companies," "Review of Courses Offered by University of Houston Small Business Development Center," "Forming a Diverse and Cohesive Startup Team," and a discussion of resources for SPE members.



PAULA WAGGONER-AGUILAR

Program 1: Financial Leadership for Energy and Technology Companies Join Paula Waggoner-Aguilar as she shares stories of individuals' leaps to entrepreneurship, business ideas for engineers, thoughts on starting a company from scratch, and how clients bootstrap businesses. She will also talk about where start-ups get early funding, creative perspectives

on leveraging outsourced resources, common mistakes, and overlooked opportunities.

Waggoner-Aguilar is an entrepreneur and an expert in entrepreneurial finance. She works for The Energy CFO® providing consulting, interim, and permanent fractional CFO leadership to owners of private energy, technology, and industrial sector companies. The Energy CFO® has a suite of customized CFO solutions to help clients start up, grow, change, fix, and turn around their businesses.



GEORGE AMANZIO

Program 2: Review of Courses Offered by University of Houston Small Business Development Center

The University of Houston's Small Business Development Center (SBDC) will present on business-advising services and business workshops available to all entrepreneurs in the SBDC network.

Amanzio has a unique blend of commercial lending, marketing, and technical experience. He has worked as Vice President of Commercial and Small Business lending for such companies as Bank Atlantic, Florida Community Bank, and Amegy Bank of Texas. Amanzio served in the US Navy and has been part of the Navy Reserves for over 20 years. He holds a bachelor's in business administration from Northwood University.



C. HOLLY WILBANKS

Program 3: Forming a Diverse and Cohesive Startup Team

Recent data confirm that diverse and cohesive teams outperform their competition. In this interactive workshop, learn what makes a diverse and cohesive team, best practices for identifying team members, and ly onboard and develop them

how to properly onboard and develop them.

Wilbanks empowers individuals to achieve their career goals through strategic career coaching and exploration. She has helped individuals from a variety of industries transition to new opportunities, including professionals in oil and gas, legal, life sciences, medicine, teaching, and sales and marketing. Before starting The Wilbanks Consulting Group, she worked in recruitment, professional development, and admissions in the US and abroad.

EVENT INFO

FRIDAY 8.5.16 10:00 AM-3:00 PM

SPEAKERS Paula Waggoner-Aguilar President and Founder The Energy CFO

George Amanzio Director of Advisory Services, Small Business Development Center, C.T. Bauer College of Business University of Houston

C. Holly Wilbanks Founder and Principal The Wilbanks Consulting Group

LOCATION Houston Technology Center 410 Pierce St Houston, TX 77002

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

Alex McCoy 713-366-5653 alexander_McCoy@oxy.com

MEMBERS \$40/\$50 Walk-In

NON-MEMBERS \$50

STUDENTS/TRANSITIONING \$15

Registration capped at 70

2017 SPE ESP Symposium

The SPE Electric Submersible Pump Symposium, previously known as the ESP Workshop, has been in existence since 1982. In its history, professionals from 24 countries have attended to gain knowledge via technical papers, breakout sessions, expert panel sessions, and continuing education.

Exhibitors from around the world display their technology and present their products and services in the exhibit hall. Experts in ESPs are easily accessible and open to sharing their knowledge and experiences through breakout sessions and panels. With four days of knowledge sharing, attendees will be exposed to a wide range of ESP topics, from basic to in-depth. An open format promotes camaraderie and networking, making the SPE Electric Submersible Pump Symposium a great learning experience for all levels.

MESSAGE FROM THE PROGRAM CHAIRPERSON - BARRY NICHOLSON

With electric submersible pumps (ESPs) producing approximately 40% of the world's oil and becoming more widely used in production operations in new and more challenging applications, it is important to share challenges and successes and continue to improve the technology.

The SPE Electric Submersible Pumps Symposium brings together technical experts from operators to manufacturers to share information and learnings pertaining to ESP technologies, production, and operations, along with a world-class exhibition dedicated to ESP-related equipment and services.

We look forward to seeing you in Houston in April 2017.

SPE Electric Submersible Pumps Symposium

24-28 April 2017

The Woodlands Waterway Marriott Hotel & Convention Center The Woodlands, Texas, USA





EVENT INFO

MONDAY - FRIDAY

4.24.17-4.28.17 8:00 AM - 5:00 PM DAILY

LOCATION

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

EVENT CONTACT

Barry Nicholson 713-215-7521 barry_nicholson@oxy.com

MEMBERS

\$700 (Prior to 3.27.17) \$800

MEMBERS/NON-MEMBERS \$800 (Prior to 3.27.17) \$900

GULF COAST SECTION RULES

INTERNATIONAL AWARDS SPE-GCS

Of the 49 total awards to be given in September in Dubai at the 2016 SPE Annual Technical Conference & Exhibition, 20 will be awarded to Gulf Coast Section Members. Although we account for only 17.3% of the total global membership, 40.8% of the awards will be going to our local members! Our hearty congratulations go out to the following:



HONORARY MEMBERSHIP

Ali A. Daneshy, Daneshy Consultants C. Shah Kabir, CS Kabir Consulting

DISTINGUISHED MEMBERSHIP

Curtis A. Cheatham, Weatherford Fred E. Dupriest, Texas A&M Bala R. Gadiyar, Schlumberger John E. Killough, Texas A&M Jenn-Tai Liang, Texas A&M Martin Rylance, BP Robello Samuel, Halliburton

JOHN FRANKLIN CARLL AWARD

Christine A. Ehlig-Economides, University of Houston

ANTHONY F. LUCAS GOLD MEDAL

George J. Hirasaki, Rice University

LESTER C. UREN AWARD

*Bobby D. Poe Jr., Schlumberger

DEGOLYER DISTINGUISHED SERVICE MEDAL

C. Susan Howes, Consultant

PUBLIC SERVICE AWARD

*Richard J. Murphy, retired, Marathon

DISTINGUISHED SERVICE AWARD

Gene M. Narahara, Chevron

YOUNG MEMBER OUTSTANDING SERVICE AWARD

Chiedozie K. Ekweribe, Chevron

COMPLETIONS OPTIMIZATION AND TECHNOLOGY AWARD

George J. Hirasaki, Rice University

LESTER C. UREN AWARD

*Bobby D. Poe Jr., Schlumberger

COMPLETIONS OPTIMIZATION AND TECHNOLOGY AWARD

Ding Zhu, Texas A&M

DRILLING ENGINEERING AWARD

Robello Samuel, Halliburton

PRODUCTION AND OPERATIONS AWARD

Brian J. Schwanitz, Welltec

PROJECTS, FACILITIES, AND CONSTRUCTION AWARD

Jefferson L. Creek, Chevron

* Automatically elected as SPE Distinguished Members

SPE-GCS CONNECT EVENT **RECAP**





Volunteers from the SPE-GCS Young Professionals helped at The Beacon, a nonprofit organization helping the poor and homeless populations of the Houston area.

Our support focused on different kitchen tasks, including attending the front line, preparing food, attending drink stations, doing dishes, cleaning tables, and facilitating the process at the registration and serving lines. It was a perfect opportunity to get to know more people from our industry, as well as help the people in our community who need it the most.









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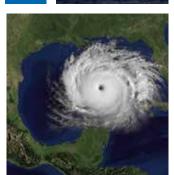
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\$100 Members (RPSEA or SPE), \$500 Non-members

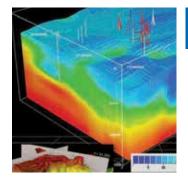
www.rpsea.org/events/503











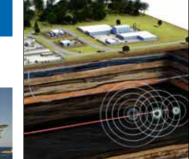
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RPSEA is a 501(c)(3) nonprofit multi-purpose entity established to facilitate a public-private cooperative effort to identify and develop new methods for safely exploring, producing, and transporting-to-market energy or other derivative products.







SPE-GCS CONNECT EVENT **RECAP**

On May 26, SPE-GCS hosted the Annual Award Banquet, which celebrated another year of successes throughout our organization. Last month, we featured a few of our favorite photos; below are some additional highlights from the event. Congratulations again to all of the award recipients!

















SPE-GCS STUDENT CHAPTER PAGE TAMU + UH STUDENT CHAPTERS

TAMU-SPE

Howdy! My name is Alex Lambros and it is my honor to serve as the 2016-2017 President of our SPE Student Chapter. What a success this past year was! I must give a huge congratulations to last year's team, in particular my predecessor, Shawn Guice. This is an exciting time to be an SPE Student Chapter leader because of the profound challenges ahead. I would like to take this opportunity to share with you a little about myself and my fellow officers.

- I'm a rising senior at Texas A&M University interning with Chevron as a reservoir engineer in Houston.
- Courtney Walker, our Vice President, is also a rising senior in petroleum engineering. She is from Sugarland and is interning as a production engineer with Southwestern in Tunkhannock, PA.
- Our Treasurer, Benjamin Bates, is a rising senior from Clarkston, MI, and is interning at Pioneer Natural Resources' Las Colinas office as a production engineer.
- Jordan Argamany, our secretary, is a rising junior from Houston and is interning there with Halliburton in the supply chain management program.
- Our graduate representative, Hanyu Li, is a master's student from Chengdu, China. He is interning with the Texas Oil and Gas Commission in Houston as a reservoir engineer. Hanyu is also preparing to compete in the SPE International Student Paper Contest in September.

I hope to work with many of you over the coming year! If you have any questions or comments, or you wish to connect, feel free to reach me at Alex.Lambros@tamu.edu. My door is always open! As we say here in Aggieland, thanks and gig 'em!

UH-SPE

We've had another productive year here at UH-SPE. As we close the book on our 2015-2016 year, remembering all the events hosted and time spent together, we anticipate new opportunities to serve our students and our community in the coming year.

With a new year comes a new executive board. UH-SPE would like to congratulate our impending board members on their new positions. A new administration will come with new challenges to overcome and new experiences to share. UH-SPE welcomes these new challenges as well as our new executive members. We look forward to another great year serving our members, SPE International, and our community.

- GQ Guo President
- Erika Guajardo VP Internal
- Johnny Soudah VP External
- Tony Nowak Secretary
- Divyansh Chauhan Treasurer
- Yan Song Industry Liaison

UH-SPE will host our annual golf tournament in the fall. Please stay tuned for more information.



TAMU-SPE CAREER ENHANCEMENT EVENT

Recruiting season is right around the corner!

Texas A&M University SPE is excited to present our annual Career Enhancement Event (CEE) September 9 in College Station. The CEE is a petroleum engineering career fair where companies network with our students and advertise their positions for internships, co-ops, and full-time employment.

The CEE is the most-attended activity hosted by our organization. Over 90 recruiters from 24 oil and gas companies and over 650 SPE student members from petroleum engineering and related disciplines attended last year.

If your company is interested in participating, please contact Brian Redick at brianredickı@tamu.edu.

Career Enhancement Event Friday, September 9, 2016 8AM - 5PM Texas A&M University

The one day every year when the petroleum industry takes over Aggieland!

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$\overline{CALENDAR}$

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY Members in Transition (MiT)	SATURDAY
	1	2	3	4	(MiT) 5	6
Young Professionals		Petro-Tech			Drilling &	
					Young Professionals	
7	8	9	10	11	12	13
			Business Development & Young Professionals			
14	15	16	17	18	19	20
			Completions & Production		Board of Directors	
21	22	23	24	25	26	27
28	29	30	31			