

2006 Gulf Coast Section Member Survey – Raw Results 12-19-06

1: Over the past 12 months, in how many SPE Gulf Coast Section activities have you participated?

	Total
	1881
None	824 44%
1 to 5	907 48%
6-10	97 5%
11-20	44 2%
21-30	6 0%
More than 30	3 0%

2: Please indicate your level of involvement with the SPE Gulf Coast Section. (Select the answer that best applies to you)

	Total
	1881
I actively attend SPE GCS events	443 24%
I actively volunteer in SPE GCS events	18 1%
I actively attend and volunteer in SPE GCS events.	84 4%
I was an active attendee at GCS events in the past	285 15%
I was an active volunteer in SPE GCS events in the past	39 2%
I was both an active attendee and volunteer at SPE GCS events in the past.	119 6%
I have never been active in SPE GCS events.	893 47%

3: If you are NOT currently an active participant (attendee or volunteer) in SPE Gulf Coast Section events, please select all reasons why:

	Total
	1636
I don't have time	698 43%
I don't have the support of my management	51 3%
It's inconvenient	262 16%
The program is not technically relevant to my job	151 9%
I have other interests that are more important	243 15%
I want to be involved, but don't know how	231 14%

4: What is your primary source for professional development/training?

	Total
	1762
SPE	280 16%
Academic institutions	107 6%
Professional training/conference organizations	460 26%
Your employer	816 46%
Other professional societies (please specify)	99 6%

5: Other professional societies specified:

AAPG	15	11%
AADE	14	11%
SPWLA	11	8%
ASME	8	6%
SEG	8	6%
SPEE	7	5%
IADC	6	5%
NACE	5	4%
ASM	4	3%
ASSE	4	3%
HGS	4	3%
API	3	2%
GPA	3	2%
AAAS	2	2%
AAPG	2	2%
ACS	2	2%
ASTD	2	2%
GSH	2	2%
MTS	2	2%
AGA	1	1%
AGU	1	1%
AIChE	1	1%
AIPN	1	1%
ALRDC	1	1%
AMA	1	1%
ASDT	1	1%
ASSE	1	1%
ASTM	1	1%
AWS	1	1%
BCSP	1	1%
CEED	1	1%
EAGE	1	1%
ETGP	1	1%
GSA	1	1%
IPAA	1	1%
ISM	1	1%
NREP	1	1%
PTTC	1	1%
PWS	1	1%
RGS	1	1%
SGA	1	1%
SME	1	1%
SNAME	1	1%
SPIE	1	1%
SPWLA	1	1%
STC	1	1%
SWE	1	1%
TIPRO	1	1%
Total		
Repsponses:	133	

6: As an active participant (attendee or volunteer) in SPE Gulf Coast Section events, please indicate the level of importance that you would place on each of the following reasons for being active.

	Total	Not at all important	Not very important	Important	Very important	Extremely important
It's rewarding to disseminate technology to others	488 100%	5 1%	27 6%	183 38%	189 39%	84 17%
I enjoy learning technology from others	489 100%	2 0%	3 1%	113 23%	260 53%	111 23%
To develop leadership skills by serving on a committee	482 100%	40 8%	155 32%	162 34%	89 18%	36 7%
I enjoy community service	480 100%	39 8%	122 25%	191 40%	96 20%	32 7%
I was interested in networking for job opportunities	485 100%	40 8%	138 28%	165 34%	109 22%	33 7%
Having SPE on my resume was important to my job search	483 100%	83 17%	182 38%	147 30%	57 12%	14 3%
My company expects me to participate	484 100%	106 22%	158 33%	150 31%	56 12%	14 3%
I'm hiring engineers, and SPE is a great way to meet them	475 100%	161 34%	142 30%	113 24%	45 9%	14 3%
I wanted the opportunity to influence section decisions	484 100%	135 28%	184 38%	119 25%	43 9%	3 1%
Professional development hours for PE licence renewals	480 100%	175 36%	113 24%	106 22%	50 10%	36 8%
SPE is key to my career management	486 100%	84 17%	170 35%	165 34%	58 12%	9 2%
I enjoy SPE social activities	486 100%	72 15%	126 26%	174 36%	96 20%	18 4%
I enjoy SPE sports tournaments	480 100%	157 33%	141 29%	96 20%	69 14%	17 4%

6: As an active participant (attendee or volunteer) in SPE Gulf Coast Section events, please indicate the level of importance that you would place on each of the following reasons for being active.

	Total	Not at all important	Not very important	Important	Very important	Extremely important
SPE scholarship fund raising is important to me	479 100%	100 21%	143 30%	145 30%	68 14%	23 5%
I enjoy SPE scholarship/internship selection	473 100%	150 32%	172 36%	108 23%	30 6%	13 3%

7: Please indicate the level of support that you get from your company for:

	Total	Excellent support	Good support	Fair support	Little or no support
SPE Membership in general	493 100%	228 46%	194 39%	49 10%	22 4%
Active participation/volunteering in SPE programs	489 100%	154 31%	204 42%	92 19%	39 8%
Attendance at meetings/conferences	489 100%	180 37%	235 48%	53 11%	21 4%

8: Please indicate the level of promotion/support for your participation in SPE that is offered by each level of your organization.

	Total	Excellent support	Good support	Fair support	Little or no support
Executive (CEO, President, Vice president)	460 100%	138 30%	180 39%	77 17%	65 14%
Senior management	461 100%	148 32%	196 43%	76 16%	41 9%
Technical management	460 100%	193 42%	190 41%	50 11%	27 6%
Immediate supervisor	466 100%	208 45%	170 36%	64 14%	24 5%
Peers	462 100%	159 34%	199 43%	78 17%	26 6%

9: When deciding whether to attend SPE lunch or dinner meetings, which technical areas / topics are most important to you in making your decision? (Select as many as 2)

	Total
	854
Drilling and Completions	232 27%
Projects, Facilities and Construction	67 8%
Health, Safety, Security, Environment and Social Responsibility	25 3%
Management and Information	46 5%
Production and Operations	189 22%
Reservoir Description and Dynamics	149 17%
Management/Business/Strategic Topics	146 17%

10: Please select all presentation formats that you prefer for SPE Gulf Coast Section meetings conducted in the current one-hour format at lunch or dinner.

	Total
	1190
Case studies	395 33%
Traditional lecturer	259 22%
Panel discussion	175 15%
Executive presentation	215 18%
Academic presentations	146 12%

11: Do you have any other suggestions for lunch or dinner program topics?

- Continue to bring in industry executives
- How to position for promotions
- The shift from Shelf drilling in the GOM to Deepwater Completion operations in Deepwater [the nuts and bolts]
- Slick water hydraulic fracturing
- EOR
- Mature Field Case Histories
- Service company presentations similar to their customer seminars which showcase new technology, but also review industry standards. This works for equipment manufacturers such as drill bits, production methods, as well as bigger picture issues such as reservoir characterization. Yearly logging update
- Arctic offshore drilling - hazards and solutions Russia - is there a future for foreign oil companies?
- Topics around the security of supply, access and the rise in capital costs would be good.
- More combined efforts with other technical organizations (AAPG, SEG, SPWLA, SPEE)- "walk the walk" wrt integrated workflows. New technologies New strategies for the age of scarce geotechnical resources: 1) role of consultants, 2) centralized remote operations, 3) global resource allocation, etc
- The Role of CO2 Sequestration and Enhanced Oil Recovery in Today's Society
- Presenting facts about our industry to the public.
- I'd be interested to hear more from government regulatory bodies such as MMS or API as to current technology trends and/or regulatory issues.
- Reserves determination for tight gas formations Net pay determination for tight gas formations Infill drilling evaluation for tight gas formations
- Global warming. Energy politics.
- Overview of pilots in Utah oil shale.
- More topics related to the reservoir engineering aspects of tight gas and unconventional resources.
- Realizing that some of these have been addressed, but recommend a continuation of some of the "pain points" in industry today: Big Crew Change Information Management Leadership for the next generation Transformation Changing role of the service sector
- Some type of workshop format covering topics that can be repeated annually. This could be eventually a topical meeting under a basic theme. Similar to some held in other parts of the globe. Some theme suggestions: Sand Management Issues, Reservoir Management Issues, Interface Issues with Project
- Modify the Westlake SPE presentation format by including some management topics.

- Industry transition and how it is affecting supply and demand-moving from GOM to International areas
- Improvement of equipment used in all offshore drilling operations-Shelf, Deepwater & Ultra Deep
- Difference in Drilling design for Offshore Shelf wells, Offshore Deepwater wells vs. Ultra Deep
- The Future Development of floating Offshore LNG Terminals
- Deepwater reservoir characterization Deepwater well test pressure buildup analysis (How to clarify boundaries vs sand channel edge effects) Update on Thunderhorse development Frac packs - latest technology. How do you really know where that frac pack went? Deepwater well actual flow profiles
- Hurricane Katrina Case Study -- industry impact, what went well, what will be improved, lessons learned.... looking for a factual engineering assessment ... and not the social or political impacts...
- Economics - A&D topics
- Applications of nanotechnology

12: Which meeting times do you prefer? (Select all that apply)

	Total
	668
Breakfast	52 8%
Mid-morning (no meal)	26 4%
Lunch	429 64%
Mid-afternoon (no meal)	34 5%
Happy hour (no meal)	66 10%
Dinner	61 9%

13: How important to you is each of the following factors in making your decision whether to attend a SPE Gulf Coast Section study group meeting?

	Total	Not at all important	Not very important	Important	Very important	Extremely important
Location/venue	474 100%	7 1%	58 12%	211 45%	120 25%	78 16%
Topic	476 100%	1 0%	2 0%	47 10%	196 41%	230 48%
Relevancy	472 100%	1 0%	9 2%	71 15%	231 49%	160 34%
Speaker	477 100%	10 2%	78 16%	218 46%	129 27%	42 9%
Meeting time	476 100%	7 1%	46 10%	230 48%	143 30%	50 11%
Cost	474 100%	84 18%	223 47%	133 28%	20 4%	14 3%
Work load/schedule	476 100%	9 2%	26 5%	149 31%	161 34%	131 28%
Company/management support	473 100%	60 13%	136 29%	171 36%	78 16%	28 6%
Study group organizer	474 100%	123 26%	198 42%	115 24%	30 6%	8 2%
Advance communication about meeting	475 100%	10 2%	28 6%	180 38%	182 38%	75 16%
My company/peer participation	473 100%	87 18%	174 37%	145 31%	53 11%	14 3%

14: How would you prefer to find out about monthly SPE Gulf Coast Section study group meetings?

	Total
	477
Website	27 6%
E-Newsletter	185 39%
Monthly Newsletter	128 27%
Direct mail or email	136 29%
My SPE-GCS involvement	1 0%

15: Please add any other comments you would like to make about the SPE Gulf Coast Section.

Selected Comments: The complete list has been distributed to the SPE leadership for appropriate action

Compliments:

- Y'all do a great job. I wish I could attend more meetings, just don't seem to be around when the meetings are.
- It is encouraging to see the time and effort being place by the Section in advancing SPE objectives.
- It is going well. I would be willing to help on the Board or a particular Committee if there is a need.
- I do get valuable information from SPE through technical papers
- I think the GCS does a very good job across the board on technical and social events. Keep up the good work.
- I have been a SPE GCS member for many years and have received many benefits from this organization.
- Good mix of technical meetings and topics. Every time I plan to attend, I end of out of town or with some other conflict. Keep up the good job.
- I'm encouraged that you're surveying the membership to improve the organization.
- I have just begun a new job in the company, of which a primary goal is to improve knowledge transfer, training, etc. for reservoir engineers. I am pushing SPE events as an under-utilized resource and and internally publicizing events. I have increased my attendance, and others, at local events and am more attentive to training opportunities.
- The SPE is a great organization and I am sure the Gulf Coast Section is as well. Unfortunately, due to other demands, I have been unable to attend meetings etc. I hope to change that in the future.
- I think they do an excellent job and I'd like to be more involved, but I travel extensively internationally, and when I'm in country, my priorities are with my family, employer, and charitable work_
- I think it is a very active and intensely dedicated organization. There is something there for everyone, no matter the sub discipline.
- I think the Gulf Coast Section is great. They schedule a number of timely and relevant topics each month, and the speakers and presentations are really interesting. By far, this section does an incredible job of disseminating good technical information. This section is one of the reasons that Houston has such a great upstream reputation as the world's center for oil industry.
- You guys do great work and I consider the work we do at SWE to be complimentary. SWE & SPE have done some joint activities in Houston in the past and I hope it continues.
- A great section with great programs in a lot of different locations. Hard to see how you can improve upon what has got to be one of the best sections in the SPE.
- The Section has a great Newsletter and activities! Keep up the good work!!
- The Gulf Coast Section does a great job. Congratulations to all.
- Keep up the good work!
- The Gulf Coast Section is doing a fine job. Keep it up!
- It seems to me to be the best local section of the SPE that I have been exposed to in 30 years and multiple states. My lack of participation is my own fault and I should correct it.
- Doing an excellent job!
- I enjoy the newsletter and from time to time attend a luncheon session if the topic is timely.

- There are topics that pique my interest, but finding the time to attend is always a struggle.
- Excellent organization, but I have quite a few other SPE activities that are utilizing my available time.
- I appreciate all the fine work being done in the Section and hope to become more active next year. Thank you for requesting my input.
- I have attended only a couple of luncheon presentations over 2006. Also, participated in joint SPE/AIChE Heavy oil workshop at Galveston. Although, I am extremely busy at work, I believe with some support (leads) I may be able to get more involved in SPE.
- The SPEGCS provides more opportunities for professional advancement than any other section I have ever been associated with. I am currently retired, but certainly enjoy the newsletter, etc. which allows me to remain somewhat connected to current technology/activities in the industry.
- I believe in the SPE's value as a source of information and as a great means of networking. The Gulf Coast Chapter is in a premium spot where much new technology is being developed and applied. I like the structure with the different workgroups meeting at different times and locations around Houston. I am finding it very hard to make time to attend outside meetings; this has limited my involvement in the last year.
- It will be good to have employment section in your magazine.
- I like the newsletter and appreciate the effort that the section puts forth to serve the members. My current job is advisory/commercial in nature and most section activities are not relevant enough to justify the time invested. I think the section does an outstanding job for the membership. Much better than previous sections to which I have belonged.
- Seems to be very well run organization that is trying to reach out to its members to provide the training, discussions, and presentation topics desired. Keep up the good work. Remember, you will not be able to provide everything to everyone.

Suggestions:

- I have suggested for years that the Lucheons/Distinguished Lecturer series needs to be "filmed" and made available electronically to those members who are unable to attend. Technology is available today.
- Would like to access slides and other data from meetings on the web
- From time to time have some good lunch and learns that I am not able to attend. Would be good to provide slides afterwards to all SPE members, and best would be to have a video clip folks could watch; may still be a technology stretch but would ensure maximum coverage of all SPE members to learning events.
- The environmental health & safety section is inactive in this chapter. It is rare that there is any activity or session for this group. This is sad for EH&S and the Houston area.
- Need the printed monthly agenda and notice of upcoming events. It's not coming anymore. Is it suppose to be coming via email?
- Need to broaden away from rigidly technical offerings and offer more programs that deal directly with professional development. As I have developed professionally, I have had to go outside SPE increasingly to find the answers, mentors, etc that I need to complete my job assignments, build my personal brand and grow personally. As a past Section Chairman, knowing the considerable resources SPE has available, this was a bit of a shock to me. But at the current time, SPE is of almost no value to me
- Study group venue should rotate. For example, Reservoir Study group could rotate to Westlake that would create an opportunity for members on the west side of town to participate more.
- Please don't have the general and study group meetings on the same day.
- Provide practical technical training classes in Houston if possible.
- We have all ages in the industry once again, and we need more diverse meetings, special sessions, conferences, etc. to encourage different age groups to attend. The younger generation should be encouraged and pursued to make presentations, and in general be involved. Secondly, company sponsorship to encourage technical professionals to attend meetings, conferences, etc. is down, why? We all know how difficult it was to get support to attend various functions, so why are we repeating the same
- I am in the banking field and would like to see more programs geared toward the bank engineer or A&D fields.
- I would like to see more activity in the Safety and Environmental area. Currently there are no working groups to address my career field.
- It seems that there is a disproportionate number of talks related to Deepwater projects (i.e. facilities, discoveries, etc...) While that may interest some, most independents (probably majority of SPE participants) are NOT involved in Deepwater projects, therefore, many of us don't attend. We only have time to attend relevant topics - which for most small independents is TIGHT GAS.
- Better instruction about the information available on the SPE Web site. Access to copy of presentations and slides for review and improve knowledge. I extremely like the outside presentations usually held in the afternoon, very important for industry knowledge and products available and how they work on the rig.
- I would be interested in activities that specifically help fulfill the requirements for maintaining professional engineer certification for the state of Texas. I find it difficult to determine what meetings, presentations etc qualify based on information supplied in the GCS monthly newsletter. I live outside of Houston.
- Would like to see more completion fluids related topics. Displacement technology (both shelf and deepwater) Hydrates (as it related to the completion process - not the production side) Corrosion issues Ultra Deepwater open hole displacement technology

There were a number of suggestions related to the following topics which will be directed to the relevant SPE functions:

- Related to the locations and timing of meetings (rotating, more in specific areas of town, etc.)
- Related to improving communications to members (email, newsletter, etc)
- Related to doing a better job of communicating ways that members can become involved & making that easier.

16: What is your primary job classification?

	Total
	1715
Consultant	170 10%
Educator	15 1%
Engineer	694 40%
Executive	123 7%
Geologist/Geophysicist	51 3%
Manager	368 21%
Petrotech	18 1%
Retired	31 2%
Student	44 3%
Superintendent or Foreman	10 1%
Business Development/Sales	127 7%
Other	64 4%

17: What is your type of employer? (Choose the one that best applies)

	Total
	1712
Integrated major exploration and production company	488 29%
Large independent exploration and production company	205 12%
Small independent exploration and production company	124 7%
Service, supply and manufacturing	563 33%
Consultant/self-employed	165 10%
Government organization	8 0%
Educational institution	28 2%
Other, inside petroleum industry	82 5%
Unemployed	25 1%
Retired	24 1%

18: Your age group:

	Total
	1713
<25	56 3%
25-35	245 14%
36-45	273 16%
46-55	716 42%
55+	423 25%

19: Are you aware of the Emerging Leaders Program (ELP)?

	Total
	295
Yes	160 54%
No	135 46%

20: What types of events and activities do you think the ELP group should organize? (Check all that apply)

	Total
	278
Networking	87 31%
Educational lunch/dinner (technical topics)	44 16%
Educational lunch/dinner (business and/or leadership topics)	54 19%
Conference/workshop (technical topics)	36 13%
Conference/workshop (business and/or leadership topics)	37 13%
Charitable events	5 2%
Athletic teams (softball, volleyball, bowling, other)	15 5%

21: Which team(s) would you be most interested in joining?

	Total
	36
Softball	12 33%
Volleyball	8 22%
Bowling	9 25%
Other (please specify)	7 19%

22: Others specified

Soccer: 27%
 Tennis: 18%
 Golf: 1%
 Basketball: 1%
 Flag football: 1%
 Tackle football : 1%
 Running: 1%
 Swimming: 1%

23: Do you participate in ELP events?

	Total
	298
Yes	56 19%
No	242 81%

24: If yes, how many events did you participate in over the past year?

	Total
	56
1-2	35 63%
3-4	14 25%
5-6	3 5%
7-8	2 4%
9+	2 4%

25: What type of ELP events did you enjoy the most?

I enjoyed the charitable event and the conference the most.

Dinner Forums

Development dinners

EEC and Roughneck Camp

Networking dinners with interesting business topics

I enjoy both the technical and professional development dinners. I would like to see more luncheons offered.

Development dinners seem to be very helpful/enjoyable to most folks depending on the topic. Petrobowl was a blast for the students. Networking events (happy hours, broomball, etc) are good for young professionals. Note: Only able to select 1 type of event that I thought the ELP should organize.

Dinner meetings -- good mix of meeting people, learning about a new topic, etc.

Dinner or lunch presentations.

NOTE: The question that asked what type of events I think the ELP should be organizing did not let me choose more than one answer. My answer would have been all of them. The only ELP events I've ever been to are networking events, but I've always enjoyed them.

social events

I have only attended to Petro Tech events and they were both presentations. The Drilling 101 was interesting since I have never been to the field.

dinners, networking socials, other social activities

Anadarko/Kerr-McGee/Western merger dinner forum

Development Dinners

Emerging Engineers Conference

the topics discussed by people from petroleum companies

ATCE

I enjoyed hearing Aubrey McClendon speak.

Happy Hours, EEC, Roughneck Camp

Roughneck Camp, social events

Events where we actively get to meet and discuss topics with other members.

Happy Hours - informal setting to meeting other young SPE members.

26: If no, why?

	Total
	240
Didn't know about them	117 49%
I have other interests that are more important	18 8%
I don't have time	42 18%
I'm interested, but the events haven't been of relevant	28 12%
Just wasn't interested	8 3%
Other (please specify)	27 11%

28: What suggestions do you have for the ELP program?

Selected Suggestions (A complete list has been sent to the ELP Leadership)

- Do things at times other than after work. I commute and events are impossible to attend after hours.
- I think they should focus more on developing leadership skills.
- More lunch time events
- I just wish there was an age specific group for my peers - 10 - 20 yrs experience
- I would like more notice for the events.
- They are doing a good job. They have a great set of board members who I think are capable of getting the job done.
- Let more people know about it and participate in the activities.
- Get with Senior Management from Operators and Service Companies to encourage ideas that translate to the transfer of knowledge to the young engineers. Have service companies make their customer seminar presentations to the group. Not only can you learn about tools and how to solve problems, but also start creating your network of people to contact who are experts.
- The committee is doing a great job! It seems that the older age group is really low in attendance. Only the engineers in their first three years seem to attend the most. We need to get the older 4 to 10 year experienced engineers to attend, like myself. We are a great source of knowledge about career management, industry directions and family work balance.
- Have a variety of companies on the board
- More interesting topics especially about doing petroleum business in foreign countries
- Get involved in promoting science/engineering in elementary schools...
- Better advertisement
- Invite more CEOs and business development people to speak and talk about their companies, their current responsibilities, and the paths their careers have taken over their professional life.