

SOCIETY OF PETROLEUM ENGINEERS SECTION ANNUAL REPORT

Return this form to the SPE Sections Team no later than 1 June.

- Submit electronically as a Word document to sections@spe.org.
- Limit total submission (report and attachments) to no more than 100 pages.
- Include only one example of newsletters, meeting minutes, etc.

An auto-response will be sent upon receipt of your annual report. In the event a receipt is not received, please notify sections@spe.org. Note: The maximum email file size is 6 MB.

Where applicable, please distinguish between the ongoing annual events or programs and those initiatives that were new or begun during the past section year.

Section Name: Gulf Coast section

Section Year (mm/yy- mm/yy): 08/11-07/12

1.0 Technical Dissemination

1.1 Provide a summary of technical exchange meetings by type code* and supply an estimate of the section's contribution to organizing and running the conference.

*TYPE CODE	Technical Exchange Type
DL	Distinguished Lecturer (typically 1 hr)
TP	Technical Presentations (typically 1 hr)
SG	Study Group Meetings (typically 2 hrs)
1-day	1-day Workshop/Course/Seminar (typically 8 hrs)
Multi	2+ day Workshop/Course/Seminar
Conf	Conference (specify length in days)
WEB	Webinars
Other	YouTube, etc...

Date dd/mm/yy	Type*	Speaker	Topic	Attendance	Length hrs/days		% Contributio n
28/09/11	SG	D. McMurrey - Kinder Morgan / T. Evans - Denbury	BD: CO2 Strategies: New Sources, New Technologies, New Growth	114	2 hrs		100%
30/11/11	SG	J. Hall and G. Leyendeker (SM)	BD: Eagle Ford Shale: Financial Transactions and Development Optimization	106	2 hrs		100%
25/01/12	SG	W. Vanloh	BD: Financial Tools to Fuel Today's Unconventional Growth	118	2 hrs		100%
3/28/2012	SG	Sylvia Barnes, KeyBanc Securities, Allen May, Highmount, Tim Duncan, Talos Energy	BD: Navigating the Storm of Low Nat. Gas Prices	95	2 hrs		100%
5/23/2012	SG	Kirk Blackim, Williams Midstream, Ross Conatser, Williams Transcontinental	BD: Unleashing the Bounty of Marcellus and Utica: Williams' Atlantic Access and Other Marketing Growth	80	2 hrs		100%

2/11/2011	TP	C.W. Clark, P.E. / Texas Board of Professional Engineers	CM: Ethics Training - 1 Hr. Requirement for Texas P.E.	15	2 hrs	100%
2/11/2011	WEB	C.W. Clark, P.E. / Texas Board of Professional Engineers	CM: Ethics Training - 1 Hr. Requirement for Texas P.E.	12	2 hrs	100%
21/02/12	TP	Mr. David Howell, P.E.	CM: Ethics Training - 1 Hr. Requirement for Texas P.E.	28	2 hrs	100%
24/08/11	SG	Bob Duenckel / Carbo Ceramics	CP: Proppant Diagenesis	55	2 hrs	100%
15/09/11	SG	Ibrahim Abou-Sayed / i-Stimulation Solutions	CP: Haynesville Shale Production Practices	80	2 hrs	100%
26/10/11	SG	Thomas Lenney & Andronikos Demarchos / HESS	CP: Evolution of Bakken Completions Styles, Stages & Results	95	2 hrs	100%
15/11/11	SG	Dr. Michael Volk Jr. / University of Tulsa	CP: Small scale technology for pipeline monitoring and inspection	13	2 hrs	100%

25/01/12	SG	Larry Britt / NSI Fracturing	CP: The Geomechanics of Unconventional Reservoirs - Why it Matters	95	2 hrs	100%
22/02/12	SG	Ken Perry / RPSEA	CP: Research Experiments on Hydraulic Fracturing in the Marcellus Shale	64	2 hrs	100%
28/03/12	SG	Silumesii Yuyi / Halliburton	CP: Sleeve Technology for Cemented Horizontal Wells in North America	60	2 hrs	100%
25/04/12	SG	Rick Gdanski	CP: Frac Fluid Returns	45	2 hr	100%
30/11/11	1-day	John Farina, Ron Hinn, Susan Howes, Ken Arnold, Marty Stetzer	CE: Oil Patch Orientation	74	1 day	100%
9/5/2012	1-day	John Farina, Ron Hinn, Brian Musso, Ken Arnold, Marty Stetzer	CE: Oil Patch Orientation	76	1 day	100%
14/09/11	SG	Luigi Saputelli	DE: How Uncertainty in Real Time Data is Managed in Hess	24	2 hrs	100%

12/10/2011	SG	Horia Orenstein	DE: Integrated Planning – Key Management Approach for Achieving Operational and Capital Efficiency	24	2 hrs	100%
16/11/11	SG	Jim Crompton, Chevron	DE: Digital Oil Field IT Stack	31	2 hrs	100%
18/01/12	SG	Mark Lochmann	DE: Psychology of Adapting Intelligent Energy	20	2 hrs	100%
15/02/12	SG	Jess Kozman	DE: Change Management for Integrated Digital Energy Operations	21	2 hrs	100%
21/03/12	SG	Mark Crawford/Rodney Brown/XOM	DE: Industry Standard Data Exchange in the Digital Oilfield	28	2 hrs	100%
18/04/12	SG	Shawn Shirzadi/BP	DE: Data Mining & Predictive Analytics Transforms Data to Barrels	46	2 hrs	100%
16/05/12	SG	Mark Reynolds/Southwestern Energy	DE: Southwestern Energy's Drilling Data Vision	42	2 hrs	100%

14/09/11	SG	Richard Spears/Spears & Associates	DRLG: The Market for Horizontal Drilling and Hydraulic Fracturing	102	2 hrs	100%
12/10/2011	SG	John Willis/Oxy	DRLG: Conventional vs. RSS Drilling	65	2 hrs	100%
9/11/2011	SG	Mike Smith/ExxonMobil	DRLG: Focus on Hurt Free	25	2 hrs	100%
1/12/2011	SG	Phil Snider/Marathon	DRLG: Development and Status of RFID Technologies	24	2 hrs	100%
14/12/11	SG	Kelly Talkington-ConocoPhillips, Mark Reynolds-SWN, Duncan Blue-Baker Hughes, Dave Carpenter-Shell	DRLG: Turning Real Time Data into Decisions	77	2 hrs	100%
11/1/2012	SG	Andy Brehm/Anadarko	DRLG: Well Construction Efficiency in the Eagle Ford	107	2 hrs	100%
8/2/2012	SG	Graham Mensa-Wilmot	DRLG: Performance Drilling - Turning Challenges into Opportunities	75	2 hrs	100%

14/03/12	SG	Andreas Sadlier/Baker Hughes	DRLG: Remote Drilling Services- New Concepts Enable More Accurate and Timely Decisions	33	2 hrs	100%
14/04/12	SG	John Rogers-LSU, Dave Savelle-Hallibuton, Alan Clarke-NOV, Neil Cardy-Baker Hughes, Paul Fredericks-Balance, Jim McKay-BP, Marco Op de Weegh-Shell, Uno Holm Rognli-Statoil, Allen Kelly-Chevron, Thomas Gillis-Anadarko	DRLG: Enhancements to Well Control for Offshore and Deepwater Environments	60	2 hrs	100%
9/5/2012	SG	James Pappas-RPSEA	DRLG: Ethics Presentation - 1 Hr. Requirement for Texas P.E.	45	2 hrs	100%
9/9/2011	SG	Louis Powers	GEN: The World Energy Dilemma	51	2 hrs	100%
13/10/11	SG	Andrew Lees	GEN: Industry Analysis & Outlook	80	2 hrs	100%
11/11/2011	SG	Scott Nyquist	GEN: Exploration Strategy	46	2 hrs	100%
8/12/2011	SG	Don Roesle	GEN: SEC Reserve Report	75	2 hrs	100%

12/1/2012	SG	James Tour	GEN: New Technologies for Enhanced Oil Recovery, Joint Meeting with API	150	2 hrs	50%
9/2/2012	DL	Fred Florence	GEN: Drilling Automation - New Projects and Prospectors	58	2 hrs	80%
8/3/2012	SG	Keith Barnett / Spring Rock Production	GEN: Natural Gas Prices	38	2 hrs	100%
12/4/2012	SG	David Merchant, Merchant Consulting	GEN: CO2 Tertiary Recovery – What we have learned over the past 40 years of CO2 Injection into the Permian Basin	85	2 hrs	100%
10/5/2012	SG	Kenneth Medlock, Baker Institute for Public Policy, Rice University	GEN: Shale Gas, Emerging Fundamentals, and Geopolitics	73	2 hrs	100%
15/09/11	SG	Charles Jones	INTL: Road Map to Building a Global Enterprise. Merging Forum Oilfield Technologies into Forum Energy Techs.	14	2 hrs	100%

10/11/2011	SG	Andrew Moorfield, Lloyd's Bank	INTL: Lloyds Bank: Oil & Gas Project Financing Process. Risk Management.	47	2 hrs	100%
13/09/11	SG	Davis Thames / Chenier Energy	NORTH: The Development of LNG in North America	26	2 hrs	100%
11/10/2011	SG	David Lewis / Blade Energy Partners	NORTH: Reliability Based Design - The Inevitable Evolution in Complex Wellbore Tubular Design	35	2 hrs	100%
8/11/2011	SG	Mark Mabile	NORTH: Drilling Fluid and Drilling Waste Management in the Fayetteville Shale (SPE 144036)	47	2 hrs	100%
13/12/11	SG	Kevin England/Schlumberger	NORTH: The Unexpected Rheological Behavior of Borate-Crosslinked Gels (SPE 140400)	43	2 hrs	100%

10/1/2012	SG	Philippe Legrand	NORTH: Evolution of Reservoir Monitoring via Fiber Optic Integration into Deepwater and Land Wells	63	2 hrs	100%
14/02/12	SG	Doug Patterson / Baker Hughes	NORTH: Unconventional Reservoir Fracture Evaluation Utilizing Deep Shear-Wave Imaging	30	2 hrs	100%
10/1/2012	SG	Philippe Legrand	NORTH: Evolution of Reservoir Monitoring via Fiber Optic Integration into Deepwater and Land Wells	63	1.5 hrs	100%
14/02/12	SG	Doug Patterson	NORTH: Unconventional Reservoir Fracture Evaluation Utilizing Deep Shear-Wave Imaging	30	1.5 hrs	100%

13/03/12	SG	Mark Machala	NORTH: Leveraging Experience to Make the Extraordinary Ordinary: Hydraulic Fracturing Tight Gas under HPHT Conditions (SPE 140815)	23	1.5 hrs	100%
20/09/11	SG	Andreas Brandl	PERM: Solutions for Loss Circulation	38	2 hrs	100%
18/10/11	SG	Doug Walser, Pinnacle	PERM: Shortening the Learning Curve in Horizontal Well Liquid Extraction	50	2 hrs	100%
15/11/11	SG	Grahame Taylor	PERM: Permian Basin: Isolation and Formation of Highly Effective Corrosion Inhibitors	9	2 hrs	100%
17/01/12	SG	Doug McMurrey	PERM: CO2 Strategies	33	2 hrs	100%

21/02/12	SG	Jeff Harris	PERM: Successful Stimulation of Openhole Carbonate Formations using CT	75	2 hrs	100%
17/04/12	SG	John Lee	PERM: Production Forecasting in Low Permeability Oil Reservoirs	70	2 hrs	100%
13/09/11	SG	Jessica McCormick/Black Stone Minerals	PETRO: Data Ripping-Excel Efficiency	99	2 hrs	100%
11/10/2011	SG	John Wearing / PETRIS	PETRO: PETRIS-Data Management-Friend or Foe	20	2 hrs	100%
14/02/12	SG	Dorsey Twidwell	PETRO: How Impending Rule Change at the Railroad Commission May Affect You and Your Company	40	2 hrs	100%
20/09/11	SG	Sandy Parks	PFC: Travel Safety	8	2 hrs	100%
26/10/11	1-day	Various	PFC: Produced Water	75	1 day	100%
15/11/11	SG	Guy Noble	PFC: Managing Risk for Fixed Platforms	9	2 hrs	100%

23/01/12	SG	George E. King	PFC: Avoiding Pitfalls in Shale Developments: Lessons for New Operators, Vendors and Investors	83	2 hrs	100%
21/02/12	SG	Mamdouh M. Salama, CoP	PFC: Composite Materials	28	2 hrs	100%
20/3/12	SG	Hans Evald Henriksen, Minox Process systems	PFC: Compact and Chemical Free Deoxygenation of Injection Water	26	2 hrs	100%
17/4/12	SG	Tim Daigle / Fluor Offshore Solutions	PFC: Subsea Produced Water Measurement Challenges	18	2 hrs	100%
6/12/2012	SG	Bill Kinney / Technip & Dana Cleland / Marathon Oil	PFC: Field Development Options / Selection Strategy	40	2 hrs	100%
26/6/12	SG	Tommy Golcynski / FMC	PFC: Flow Assurance: Subsea to Downstream	40	2 hrs	100%
7/10/2012	SG	Erik Sellman / Cameron	PFC: Production Systems Introduction	40	2 hrs	100%
27/7/12	SG	Tim Solis / BHP	PFC: Introduction to LNG	40	2 hrs	100%

8/9/2012	SG	Ken Arnold / Worley Parsons	PFC: API 14C Fundamentals	40	2 hrs	100%
22/09/11	SG	Ambrose/Reliance	RSVR: Critical Factors in Shale Gas Performance	155	2 hrs	100%
27/10/11	SG	Thomas Blasingame	RSVR: Engineering Aspects of Tight Gas Sands	119	2 hrs	100%
17/11/11	SG	John Hodgkin/Ryder Scott	RSVR: SEC Reporting and Disclosures Under the New SEC Regulations	51	2 hrs	100%
26/01/12	SG	Dennis Dria	RSVR: E&P Applications of Fiber Optic Technologies	56	2 hrs	100%
23/02/12	SG	Marco Thiel	RSVR: Streamlines in Modern Reservoir Eng	46	2 hrs	100%
23/02/12	WEB	Marco Thiel	RSVR: Streamlines in Modern Reservoir Eng	4	2 hrs	100%

22/03/12	SG	Erdal Ozkan	RSVR: Releasing Shale-Gas Potential with Fractured Horizontal Wells	142	2 hrs	100%
22/03/12	WEB	Erdal Ozkan	RSVR: Releasing Shale-Gas Potential with Fractured Horizontal Wells	14	2 hrs	100%
26/04/12	SG	Michael Litvak	RSVR: Field Development Optimization with Subsurface Uncertainties	62	2 hrs	100%
26/04/12	WEB	Michael Litvak	RSVR: Field Development Optimization with Subsurface Uncertainties	9	2 hrs	100%
11/5/2012	1-day	Ron Harrell, Rod Sidle, Hani Elshahawi, George Stewart, Martin Santo, Craig Cipolla, Sunny Luo, Karen Olsen, Jim Erdle, Chick Wattenbarger	Reservoir Technology Symposium	102	8 hrs	85%

24/05/12	DL	Myron Kuhlman	Applying HPAI Techniques to Recover Deep, Heavy Oil With In-Situ Combustion	44	2 hrs	100%
24/05/12	WEB	Myron Kuhlman	Applying HPAI Techniques to Recover Deep, Heavy Oil With In-Situ Combustion	4	2 hrs	100%
18/10/11	SG	Margaret M. Kitt - NIOSH	SE: Worker Safety and Health - NIOSH Prespectives from Deepwater Horizon	11	2 hrs	100%
13/12/11	DL	Waqi Alam / Tetrahedron, Inc.	SE: Cost Effective Environmental Solutions for the Petroleum Industry	19	2 hrs	100%
21/09/11	SG	Bryan Anderson/ Object Reservoir	WS: Shale Well Performance Analysis in Arkoma Woodford	81	2 hrs	100%

19/10/11	SG	Scott McCarthy	WS: Optimizing hydraulic Fracture Placement in Eagle Ford Horizontal Completions	120	2 hrs	100%
16/11/11	SG	Steve Schubarth/Schubarth Co	WS: Where Does Conductivity Come From?	51	2 hrs	100%
14/12/11	SG	Jody Augustine	WS: Openhole vs. Cement, Plug-and-Perf vs. Sleeves	105	2 hrs	100%
14/12/11	WEB	Jody Augustine	WS: Openhole vs. Cement, Plug-and-Perf vs. Sleeves	5	2 hrs	100%
18/01/12	SG	Randy Miller/Integrated Reservoir Solutions	WS: Shale Reservoir Properties - Implications for Horizontal Well Completions	112	2 hrs	100%
15/02/12	SG	Jason Pitcher	WS: Increasing Production with Better Well Placement in Unconventional Shale Reservoir	83	2 hrs	100%

21/03/12	SG	Daneshy Ali	WS: Fracture Shadowing: A Direct Method for Determining the Reach and Propagation Pattern of Hydraulic Fracture in Horizontal Wells	69	2 hrs	100%
18/04/12	SG	Jennifer Harpel	WS: Fayetteville Shale Completions: An Operator's Case History (#2073)	83	1.5 hrs	100%
16/05/12	SG	Bill Holcomb	WS: Bakken Formation of Eastern Williston Basin: Impact of Completion System, Staging and Hydraulic Fracturing Trends	65	1.5 hrs	100%
20/09/2011	Conf		YP: PetroBowl 2011	450	1 day	80%
19/09/11	TP	Dr. Tauseef Salma, Ph.D.	YP: New Technologies in Engineering	71	2 hrs	100%

16/11/11	TP	Chris Kendall /Noble Energy, Zuwa Omoregie / Occidental Oil & Gas, Bill Daugherty / ATP Oil & Gas, Russ White / ExxonMobil	YP: Careers In International Sector	46	2 hrs	100%
14/12/11	TP	Alejandro Peña	YP: Channel Fracturing in Horizontal Wellbores	60	1.5 hrs	100%
27/03/12	TP	Dr. Richard (Dick) Bishop	YP: Current US Shale Oil & Gas Production Potential	47	2 hrs	100%
18/04/12	TP	Admiral Inman	YP: Worldwide Energy Needs and Supplies	37	2 hrs	100%
19/06/2012	TP	Dr. Ali Daneshy	YP: Hydraulic Fracturing Fundamentals	35	1.5 hrs	100%
28/06/2012	Conf	Various	YP: Roughneck Camp, (*) est. participants per last year	150	1 day	100%

26/07/2012	Conf	Various	YP: Emerging Engineers Conference (EEC) (*) est. participants per last year	125	1 day	100%
Include a summary of each type code* showing the number of events and the average attendance.						
Total #	Type*	Average Attendance	% Contribution			
3	DL	40.3	93%			
8	TP	42.4	100%			
87	SG	58.7	99%			
4	1-DAY	81.8	96%			
3	CONF	241.7	93%			
6	WEB	8.0	100%			

1.2 Innovation in Technical Dissemination – Describe new ways of technical dissemination that your section tried in the last year.

1. Website improvements: The SPE GCS website is improving its ability to share technical content through the implementation of Web Analytics tracking from Google Analytics. Web Analytics provides the GCS the ability to track and monitor website traffic and downloads which allows the section better understand its customers. Key 2012 statistics are as follows: (a) Over 81,000 visits to the website, 55% as new visitors, (b) Mobile viewing of the site increased to 3,750 views with majority of traffic via iPhone and iPad devices, (c) 13,897 downloaded files (75% technical content), including 8,832 PDF, 1,997 Word documents, 1,532 PowerPoint documents, 727 downloaded spreadsheets, and 579 completed video views, and from more than 5,100 individual or unique users, all data of which was provided free of charge, refer to the charts below, and Download data is presented in the following tables by type of download, country of download, and region of download.

Event	Action	Total downloads	# of indiv	Top 20 Downloads by Country and Region						
				By Country		By Region				
				Event	Country/Territory	Total Downloads	# of users	Region	Total Downloads	# of users
1	PDF	8,832	3,163	1	United States	9,692	3,814	Texas	8,398	3,196
2	DOC	1,997	1,031	2	India	379	79	unknown	930	219
3	PPT	1,532	422	3	Saudi Arabia	374	37	Ash Sharqiyah	361	28
4	XLS	727	212	4	China	341	58	Taipei	256	4
5	M4V	579	277	5	Vietnam	316	18	Jakarta Raya	227	17
6	DOCX	37	30	6	Taiwan	256	4	New York	171	51
7	PPTX	19	14	7	Indonesia	244	25	England	170	53
8	CSV	15	14	8	United Kingdom	241	77	Haryana	169	3
9	XLSX	8	4	9	Brazil	181	68	Rio de Janeiro	157	51
10	PDF, Taiwan	151	4	10	Canada	168	65	Alberta	146	52
Total		13,897	5,171	11	United Arab Emirates	137	25	Xinjiang	138	9
				12	Malaysia	116	36	Colorado	121	72
				13	Mexico	110	53	California	115	68
				14	Singapore	109	26	Maharashtra	106	32
				15	(not set)	90	28	Pennsylvania	105	47
				16	Australia	81	29	Oklahoma	103	62
				17	Norway	65	24	Louisiana	101	50
				18	South Korea	55	17	Distrito Federal	76	38
				19	Ghana	49	19	Scotland	66	20
				20	Venezuela	49	19	Beijing	62	20
				Total		13053	4521		11,978	4,092

In regards to Top twenty downloads by country, although the United States comprises 74% of total downloads, there is a significant portion of downloads, 26%, to international locations. 84% of United States users are downloading 74% of content; whereas, 16% of international users are downloading 26% of total content. In regards to the top Twenty downloads by Region, 78% of Texas users are downloading 70% of total downloads. This data indicates that GCS technical content is reaching well beyond the GCS area, and has a significant level of download that is occurring internationally.

(d) Web Analysis of traffic indicates the most successful days to promote registration for events is Monday and Tuesday. Email communications to Study Groups and event announcements are scheduled for earlier in the week when possible to foster better response, (e) New Initiatives: (1) The GCS has plans to upgrade the current website in order to improve technical content delivery. The GCS is working with Schipul, website provider, and plans to implement this work through the 2012-2013 year, and (2) Embedded presentations hosted on YouTube and Slideshare provide on-page viewing of technical presentations will be implemented.

2. Webinar programming: The Gulf Coast Section continued the use of webinars this year for technology transfer. Webinars are not intended to replace actual attendance at a meeting, workshop, seminar or presentation where face-to-face interaction and networking are a very effective means of technology transfer. However, they do provide an alternative for members with scheduling conflicts who cannot attend a meeting in person. Webinars also provide a method of technology transfer to other sections, the Society, student chapters and other industry groups. A Webinar is short for Web-based seminar, a presentation, lecture, workshop or seminar that is transmitted over the Web. A key feature of a Webinar is its interactive elements -- the ability to give, receive and discuss information. Contrast with Webcast, in which the data transmission is one-way and does not allow interaction between the presenter and the audience. This effort started in 2010 with one webinar in December of a continuing education course and has grown since then to 7 recordings in 2012. Topics and speakers for completed webinars this year are: (a) General Meeting, "The World Energy Dilemma", Louis Powers, (b) Career Management: "Ethics Training Seminar", C.W. Clark, (c) Westside: "Openhole vs Cement, Plug and Perf vs. Sleeves, Jody Augustine, (d) Career Management: "Ethics Training Seminar", David Howell, (e) Reservoir: "Streamlines in Modern Reservoir Engineering", Marco Thiele, (f) Reservoir: "Releasing Shale-Gas Potential with Fractured Horizontal Wells, Erdal Ozkan, and (g) Reservoir: "Field Development Optimization with Subsurface Uncertainties", Michael Litvak. Additionally, the SPE-GCS Board of Directors meetings are broadcast via webinar so that those who dial in can see the presentation material as well and increase the number of people that can participate. A total of 124 people have viewed webinars this year, some from locations outside of Texas, including the SPE Middle East Technical University, Northern Cyprus Campus Student Chapter.

A steering group committee has been formed to help set up guidelines and procedures for webinars. The website is being modified to highlight upcoming webinars and provide an easy-to-find location for recorded webinars and past podcasts. Due to the costs of podcast ranging from \$4,000 to \$5,000 and the logistics involved with making one, the Gulf Coast Section has shifted its focus to Webinars this year.

3. **Podcasts:** All past video podcasts are still posted on the section website at <http://www.spegcs.org/en/cms/?729>. There are now 18 podcasts available at the website. There are eleven lecture-length podcasts (30-60 minutes) plus a seven-part series of short recordings on the Magic Suitcase.

4. **Social Media** - A new volunteer position was created as Social Media Coordinator to help monitor and drive adoption of social media messaging as a means of communication, announcements and sharing of information. Referrals from Social Media (Facebook and LinkedIn) are in a strong upward curve. There were near zero social media referrals to the website in August and September of 2011 and 326 in the month of April 2012. Social media messaging traffic increased with updates scheduled on a near daily basis for meeting and event announcements. YP communications with “followers” or group subscribers increased as follows:

YP Social Media Followers	Facebook	Twitter	LinkedIn	Total
2009-2010	150	0	60	210
2010-2011	450	126	390	966
2011-2012	539	264	799	1602

2.0 Section Operations & Sustainability

2.1 Communications

In what way does the section distribute its communications? (Check all that apply).

- X Newsletter
- X Post in Hardcopy
- X Email
- Fax
- X Website
- X Social Media

Other (please specify):

- **How often?**

X Weekly

X Monthly

Quarterly

X Other (please specify): Web blasts as requested by study groups, committees, or other SPE Sections prior to events as needed in order to boost participation.

Communications Leadership

The SPE-GCS continues to make communications a priority. The website and newsletter continue to provide members with valuable information on Study Groups and special events. The Communications Director, Kim Tran, coordinates the efforts of the newsletter and website committees to ensure efficiency, maximum coverage, and reach. There are two committee chairs, each one assigned to a specific communications vehicle. There is also a newsletter editor, webmaster, and advertising marketer/newsletter publisher. With this communications structure, the SPE-GCS is able to maximize visibility of its valuable resources for current and potential members, as well as other interested parties in the community. Key committee positions are: Website Chair: Subash Kannan; Newsletter Chair: Kartik Ramachandra; Newsletter Editor, contractor: Regina Eco; Webmaster, contractor: Jonti Bolles; Advertising Marketer/Publisher, contractor: Pat Stone (Starlight Printing)

SPE-GCS Newsletter is a key communications vehicle for the section. The printed newsletter is sent out to the paid Gulf Coast Section membership, including Student Chapter members for Texas A&M, Rice/UH, and Houston Community College petro-tech students, which is a new initiative to increase their participation in Section events. During the 2011-2012 program year, the Gulf Coast Section published eleven 32-page paper newsletters from August through June. SPE-GCS limits the number of pages at 32 to maintain readability as a newsletter and not compete with magazines for advertising. Included with the hardcopy of this report is the May 2012 issue of the SPE-GCS Newsletter. Monthly newsletter distribution for 2011-12 ranged from a low 11,650 to 15,500 in March. The average circulation was 14,250 for the program year. About 70 different companies advertise in the SPE-GCS Newsletter each year, with 15% average turnover year-over-year. The newsletter was redesigned (a change from the current design) and printed through RR Donnelley, where JPT is published. Ad sales increased from \$339,463 to \$377,695. Advertising spaces were sold out and the newsletter profits increased by 30% from last year. Current advertisers have first right of refusal on the following year's ad space. No preference is given based on company size. All accepted advertisements focus on the oil industry, in line with US Post Office nonprofit regulations. Advertising revenues were \$377,695 and total expenses were

approximately \$269,200 (final accounting not completed until after the June issue is published), for a gross profit of about \$110,000. Printing and distribution cost per issue is \$1.69 and revenue per issue is \$2.38, leaving a positive cash flow of \$0.69 per issue. For the 2012-2013 program year, we will continue to issue eleven 32-page physical newsletters from August through June. We will continue to print in full color through RR Donnelley. We have contracted a new firm to begin handling the layout and editing of the newsletter and will be presenting an entirely new format for the August kickoff issue. Ad rates are expected to increase by 10% in order to cover the incremental cost of the firm, but we expect that the new design will bring in more advertisers in the 2013-2014 program year. We are also considering having a contest to name the newsletter something other than SPE-GCS Newsletter.

GCS Email – Email is used extensively for SPE-GCS communications with Richardson, the SPE-GCS board, and to make announcements to the membership. For specific events or announcements, an email blast (email sent to a general distribution list) can be sent to the entire GCS membership or specific Study Group committees. To maintain effectiveness of the email blast, this form of communication is used on a limited basis, for the appropriate communication, and requires committee approval to avoid spam. The email blast has been very successful in generating interest in activities/meetings and increasing attendance registration. Individual committees may send targeted emails to their specific groups for upcoming events or announcements. Email is used to distribute a monthly e-newsletter to all subscribed users of the website during the first week of the month. The e-newsletter is an email that has summaries of events with links to the website calendar page, where one can register for the event. More specific emails for single events are sent to the individual group members for the group sponsoring the event. Groups may cross-promote their events with the approval of the partnering groups leaders.

GCS E-Newsletter – The e-newsletter is a monthly electronic newsletter sent by email to an electronic subscription base of 17,000+ during the first week of the month. The e-newsletter includes summaries of all upcoming events and luncheons, recent news articles, and special announcements and includes links to the GCS website, where one can register for events. The e-newsletter is archived monthly so past issues can be easily reviewed online.

GCS Website – The primary objective of the www.SPEGCS.org website is to support dissemination of technical content. The website offers several options for event promotions in addition to the email blasts and the monthly e-newsletter. The website currently promotes events in the following ways: (a) Automatic listing of upcoming events sponsored by SPE-GCS Study Groups and committees, (b) Featured area of 8 upcoming events with speaker photo or featured event photo. Events are displayed 4 at a time, rotating every few seconds, (c) Digital Media such as Podcasts and new Webinar events are featured on the upper part of the homepage, (d) Inclusion of all events in the monthly e-newsletter, linking to the registration page for the events where members can register and pay online, (e) Volunteer of the Month photo and

bio to encourage active participation in SPE and to recognize worthy efforts to serve SPE, and (f) Job listings sold to industry-related companies for a nominal fee and free posting of resumes for SPE members.

Website Revenue – The SPE-GCS website managed transactions for events and sponsorships in the amount of \$3,144,500 during the year, with the majority of transactions being event registrations followed by job postings. As advertising continues to be a strong source of additional revenue, the following advertising options are available: (a) Site-wide image ads on the right hand side of the website pages, (b) special e-newsletter sponsorship for the monthly email newsletter sent to the entire section, (c) Business directory placements for businesses wanting to advertise to the SPE-GCS membership. The site image ads have seen greater interest, and we have begun to discuss different pricing options for certain positioning in the list of ads, so that we can accommodate additional advertisers. We have also discussed additional opportunities for advertising for the individual event pages. As the interest in advertising online with SPE-GCS continues, the website and our pricing will be upgraded and modified to make space for these ads.

- **Does your section have an active website?** x YES NO
 - URL: <http://www.SPEGCS.org>

2.2 Planning

- **Outline goals established at the beginning of the year and report progress in meeting both long- and short-term goals.**

Long-Term Goals: The SPE Gulf Coast Section vision continues to be a provider of world-class dissemination of technical information related to the petroleum industry within our section membership and local community. Long-term goals involve operational excellence, financial excellence, and the strengthening of our relationship with SPE International. There are four main areas within operational excellence: technical programming, education and community outreach, communications, and social. There are two main areas within financial excellence: governance and fiscally responsible stewardship. There are two main areas within the third area, strengthening SPEI relationships: collaborations and the transferring of knowledge.

In addition, our Section has begun the process of reviewing our 3-Year Plan to benchmark how the Section’s activities have addressed the long range plan from late 2009 until the end of 2012. Under the guidance of the 3-Year Planning Committee Chair, Steve Baumgartner, the committee’s evaluation will determine where the Section has succeeded and where there are areas for improvement. The committee will also solicit the feedback of active Section members to further bridge any gaps.

Short-Term Goals:**Technical programming**

There are three main areas within technical programming which are (1) Study Groups, (2) workshops, seminars and symposia, and (3) technology transfer. General goals for the Study Groups were to maintain average or above average attendance by providing relevant technical content while maintaining a breakeven net income. To date, our 14 various Study Groups have collectively achieved those goals while performing slightly better than breakeven. The 4 “One-Day” workshops along with the 3 Conferences hosted by our Section continue to be strong in attendance based on the technical content delivery to our membership. These long-standing programs such as PetroBowl and Oil Patch Orientation will continue to be staples of the Gulf Coast Section. Goals for technology transfer were to broaden webinars. Based on the successful pilot program launched in 2010, the GCS has had webinar capabilities during 6 Study Group presentations. The Section also has continued the use of webinars in our Board of Directors meetings to facilitate more functional interaction from our remote board members.

Education and Community Outreach

Short term goals for Education and Community Outreach involved maintaining programming excellence while providing better alignment and integration of 15 existing programs through the application of ‘smart giving’. The fifteen programs are: GCS merit-based scholarships, SPEI Foundation scholarships, University of Houston professor endowment, Houston Community College petroleum engineering technology scholarships, Communities in Schools Houston ‘at-risk’ scholarships, a Lone Star College scholarship, Exploring Earth Sciences program, Cypress Fair Pals, Science fairs, Boy Scout fairs, merit badge fair, Girls Exploring Math and Science, scholarships for the Collaboration in Houston for the Advancement of Science and Engineering (CHASE), high school recruiting fairs, and the Magic Suitcase. Total giving to these programs in the past has averaged over \$400,000/year. The section has begun a focused strategy to maintain a balanced level of education and community contribution while maintaining the Section’s financial health. Net Asset Forecasting regularly monitored by the Treasurer and reviewed monthly by the Board allows the Section’s plan spend of capital to stay within the band of financial health. Scholarship and program consolidations have been implemented in all categories with the intent of focusing efforts on programs that reach out to potential engineering students.

Communications

The Section’s extensive network of communication tools was highlighted in Section 2.1 above. In addition to our existing toolkit, the Section continues to expand its reach through social media. As such, the Board established a Social Media Coordinator position as part of Communications Committee. This position will help determine/define audience, make it easier to create networks and engage participants, establish singular social media agenda employing consistent approach/branding (update presence on Facebook, LinkedIn, Google+), manage/monitor dissemination of events, articles, messages, and ultimately interface with SPEI and YP social media/communications staff.

Membership

Membership goals focused on "Building Bridges." The first goal was to bridge the chasm in membership that happens every year, called the January Plunge, when 4,000 of our members forget to renew their dues. This goal was not met; in fact, the plunge was deeper than ever. We hope Membership Builder will help us bridge this chasm better next year. The second bridge goal was to welcome new members and invite them to a meeting, welcome those new to Houston via the SPE Auxiliary, and welcome new volunteers by placing them on an appropriate study group or committee. The latter two goals were met. The third bridge was to link Legion of Honor members with YPs, and this remains a longer-term goal, as we are still looking for a volunteer to organize this effort. The fourth bridge was to strengthen the link between the Section and the three Student Chapters: Texas A&M, Rice/UH, and HCC. The YPs worked with Texas A&M on the first Student Summit; and the Membership Chair met with Rice/UH and HCC Student Chapters (twice each) to find out what their needs are and try to meet them. Those bridges were definitely strengthened this year, and we hope to have an academia member on our Board in 2013-14.

Succession Planning – please provide your section’s succession plan in terms of sourcing new volunteers and leaders:

A Succession Planning Committee, consisting of the Chair, Vice Treasurer, Member at Large, and Regional Director, and led by the Past Chair is used to evaluate and assess potential candidates for the GCS Board of Directors. This committee meets from Sept. through Nov. to provide a list of suitable candidates for the GCS Board using developed planning worksheets found within the 2003 Succession Planning document. This list is forwarded to the Nominations Committee for consideration. The Nominations Committee evaluates the Succession Planning Committee recommendations and proposes the final slate of candidates. Should a vacancy occur within the board, the Succession Planning Committee is used to identify a suitable replacement. Within study groups and committees, succession planning is requested and discussed during annual budget review with existing study groups and committees. The GCS BOD, membership director, and program director utilize the YP program to vet leadership for mainstream programs and events. Volunteers are also encouraged to attend the annual kick off meeting where the GCS BOD membership director holds a break out meeting with new members interested in participating in GCS leadership.

2.3 Finance

- **Include a copy of your 1 April 2011- 31 March 2012 section financial statement. (IMPORTANT: Must submit in order to receive section rebates)**

Please see Appendix A for the Financial Statement

How does your section raise funds?

Golf Tournament, Tennis Tournament, Sporting Clays Tournament, Corporate Sponsorships for Social Events, Golf, Tennis, Sporting Clays, Newsletter Profits, Website Advertising, Continuing Education Program, Corporate Donations to Scholarships, Corporate and Individual Sponsorships of Recruiting Fairs, Corporate Sponsorships for Digital Energy Value of Real-Time Data Workshop, Minimum Profit from Study Group and other regular Meetings, Study Group Workshops and Symposia, Gains from Investing Reserve Funds, and Membership Rebates and Stipends from SPE International.

Awards Banquet 2012 sponsors: Chevron, Anadarko, Weatherford, Occidental, Schlumberger, Baker Hughes, BP, 2H Offshore, ConocoPhillips, Energy XXI, Energy Valley, Marathon, ExxonMobil, Southwestern Energy, BASF

Internship 2012 sponsor: Anadarko (7 internships)

Scholarship 2012 sponsors: Anadarko, Chevron, Weatherford, ConocoPhillips, Parker Hannifin Foundation, EnergyNet, Gardere Wynne Sewell LLP, Williams Transco and Midstream, Family and Friends in Memory of Jerry E. Haston

Golf Tournament 2012 sponsors: \$7500 Sponsor - K&B Machine Works; \$5000 Sponsors - Weatherford International, Nabors Well Services, Archer, Preferred Sands, FMC Technologies; \$3500 Sponsors - National Oilwell Varco, TAM International, Inc., CorsiTech; \$1850 Sponsors - Diamond Offshore, NOV Grant Prideco, Truth Products, Superior Drillpipe Manufacturing Inc., Superior Drillpipe, Oil States Energy Services, ExxonMobil Production Company, Production Control Services, Cameron International, Chet Morrison, BC Johnson Associates, M-I SWACO A SCHLUMBERGER COMPANY, Weatherford Engineered Chemistry, New Birmingham Inc., Stress Engineering, PPI Technology Services, Baker Hughes, Geo-Lab, Inc., Utex Industries, Baker Hughes, FMC technologies, Polyflow LLC, Anchor Drilling Fluids USA, Anadarko; \$1500 Sponsors - FMC Technologies, GE Oil and Gas, GMS Contract Services; \$1300 Sponsor - Performance Frac; \$1200 Sponsors - Ancell Energy Consulting, Inc., The Information Store, Inc, Packers Plus, TIW CORPORATION, Victory Transportation, Performance Frac, Baker Hughes, Lufkin / ILS, Ensco, Clements Fluids Management, Hunting, Sooner Pipe, Baker Hughes, GiLDRiLL DownHole Motors, Precision Tubular Services, Champion Technologies, Energy OCTG, Chevron Phillips Chemical Co., Trican, Steel Service/Benoit, Production Technology and Services, Worldwide Oilfield Machine Inc., Patterson Tubular Services, ProTechnics, Spectrum Tracer Services, Network International, Scientific Drilling, Transocean, V&M Tube Alloy, ALMAC LLC, Charles Taylor adjusting, Cameron, Trican, NOV Downhole, Sooner Pipe, Composite Lining Systems, Corrosion Resistant Alloys, L.P., Energy OCTG, TSC Offshore, Basic Energy Services, Schlumberger, R360 Environmental Solutions, Hunting Titan; \$900 Sponsors - GE Oil and Gas, RTI Energy Systems, Champions Pipe, NuPhysicia, Inc., Sooner Pipe, TanMar Companies,

Premier Pipe, LLC, FMC Technologies, Vallourec & Mannesmann USA Corp., GE Oil and Gas Logging Services, Cactus Wellhead, Montco Oilfield Contractors

Sporting Clay tournament 2011 sponsors: \$250 Sponsors - Alpine Specialty Chemicals, Hoerbiger, Peak Completions , Wood Group, PetroQuip Energy Services, Thru Bit Solutions, Aramaco, Tesco, Mesa, Stellar Oilfield Rental , NES; \$500 Sponsors - Ulterra, Steel Services, GCDT, Thru Bit Solutions, Swift Worldwide Resources; \$1000 Sponsors - Blue Ocean, Tripoint LLC; \$1200 Sponsors - Baker Hughes, Wood Group, Tripoint; \$1500 Sponsor- Allied Wireline; \$2000 Sponsors - ATWD, Stress Engineering; \$3500 Sponsors - Boots & Coots, Talisman USA, PDS Inc, Baker Hughes; \$5000 Sponsor - Schlumberger

Tennis Tournament 2011 sponsors: Calsep, Inc, Central Boat Rentals, SET Laboratories Inc., ABB, ACME Truck Line, Baker Hughes, Carrier Petroleum, Champion Technologies, ConocoPhillips, Dril-Quip, EFT Properties, Garber Bros. Inc., FMC, Frank's Casing, GOL Docks LLC, Halliburton, Infield Systems, Kay and Steve Guidry, Lobo Logistics LLC, M3 Midstream LLC, NOV Tuboscope, Nabors Drilling USA, LP, NALCO, Petro Amigos Supply, Inc., PHIPK Industrial, Pyramid Tubulars, Schlumberger, Southwestern Energy, Sweco Wellhead, T.H. HillAssociates, Inc., US Steel, Worldwide Deepwater Solutions LLC

Business Development Study Group: Collarini Energy Staffing (\$350), Challenger Minerals (\$350)

SPE YP – Ninth Annual PetroBowl Sponsors (2011): PetroSkills (\$3,640), ExxonMobil

GCS Young Professionals actively seek out sponsors for YP conferences, networking, and professional development events. As of May 1, 2012 the GCS YP has secured \$42,500 in sponsorships as follows: BHI, \$1500, Sept. 20th; HESS, \$6000, Emerging Engineers Conf. (EEC) & Roughneck Camp (RNC); Baker Hughes, \$6000, EEC & RNC; Statoil, \$10,000, EEC & RNC; Baker Hughes, \$2500, Golf Tournament; Chevron, \$4000, RNC; Rice University, \$6000, EEC & RNC; Schlumberger, \$4000, EEC; Noble Energy, \$2500, Development dinner; **Total= \$42,500.**

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- **List the section’s sources of income and list of sponsors (if any).**
- **Does the section have section dues? (Do not include charges for section luncheon or dinner meetings.)** YES x NO
- **Does the section have its records informally reviewed annually or audited by an outside firm or person? X YES NO**

Annual financial reviews have been conducted by an outside accounting firm for the past 3 years at a cost of approx \$15,000 to \$20,000/year. The BOD Treasury/Executive Board met with SPEI accounting manager, Wayne Avellanet, and reviewed existing financial controls. Wayne concluded that sufficient controls are in place to ensure proper fiscal governance via dual functionality with Treasury/Vice Treasury, a contract accountant, and Executive Board oversight. The decision was made to move the outside financial review to every 3-4 years due to the strength of existing control processes.

2.4 Sustainability

- **Which, if any, major industry employers moved in or out of the section area that have affected the section’s sustainability during the last 3 years?** Technip and Maersk and Petrobras have beefed up their Houston offices lately. According to our membership roster, 855 SPE members transferred to the Gulf Coast Section, while only 486 transferred out of our Section. This and the 1,536 new members helped us reach a record high membership of 14,592 professional members this year!
- **List activities related to recruiting new members.** A Lunch & Learn was held at Occidental Petroleum on Sept. 29 to let the engineers and those interested learn about the SPE GCS YP program and . Several members joined after that event.
- We are in the process of upgrading our website software such that non-members registering for our Section events will be able to join at SPE.org and come right back to finish registering for the event at the member's price.
- SPE GCS reaches out to potential new members via the newsletter, email, and website by inviting them to attend the Annual Kick-Off Meeting Held in mid-August.
- **List activities related to ensuring your current members renew their SPE membership.** After the "January Plunge," when membership plummeted to 9,750 from 14,592, lists of non-renewing members' emails were compiled by company and sent to eight Section Board members who worked at those companies for them to follow up and remind them to renew. In addition, lists of unpaid student chapter members were sent to the presidents of each of our three Student Chapters (Texas A&M, UH/Rice, and HCC) for them to follow up. As a result, our numbers are back up, and we look set to break another membership record this year.
- We are in the process of upgrading our website software such that members registering for our Section events will be able to renew at SPE.org and come right back to finish registering for the event at the member's price.

2.5 Section Leadership

List all board meetings of the section. Please include/attach one example of the meeting minutes for a typical board meeting.

Date (dd/mm/yy)	% of Board Members	Items Discussed/Accomplishments
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	Attending	
08/18/11	77 %	<p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Motion to approve Bylaws revision regarding YP succession planning carried unanimously. • Budgets for following Study Groups/Committees approved: Golf, Community Service, Membership, Social Activities, Continuing Education, Web Technology, Tennis; Contingent Budgets for following Study Groups/Committees approved: YP, Programs. • U of H Student Chapter Presentation (Mikhail Alekseenko, U of H SPE Student Chapter Representative): Organizing ½ day golf tournament (October) – receiving support from Shawn Skobel, Golf Committee Co-Chair; Will be advertised in Aug/Sep newsletter - asking for study groups to announce at their meeting. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS: ‘Leaders Course’ Training Program (Ken Bradford, Leaders Course Representative) presentation: Dale Carnegie-type 5-day (over 5 weeks) leadership course for SPE-GCS members.</p>
9/15/11	68%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Establish subcommittee to explore possible SPE-GCS/RPSEA Interface. • Establish dedicated sub-pages on website for volunteer programs (currently on hold while website upgrade under consideration). • Explore utilization of Tendenci 5 software (Tendenci 4 current web content management platform) for electronic file management. <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Budgets for following Study Groups/Committees approved: Board, Digital Energy, Sporting Clays, Education, Career Management (Approved with Board edits: Webinar income removed from budget (already part of Tech Transfer budget)), Programs; Contingent Budgets for following Study Groups/Committees approved: PetroTech, Projects, Facilities & Construction, Completions and Production, Permian, Reservoir. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Community Service: Boy Scouts of America: Working to interface with High School and Middle School students/programs, Working to get training for SPE volunteers; Rebuilding Together-Houston: Considering once a quarter volunteer training, Suggested that each volunteer event has a designated Team Leader and that all events begin with on-site JSA; Superfeast: Might not sponsor this year, but will still volunteer. <p>YP: Board Objectives/Major Activities – 2011/2012: Developing long-range plan/finalizing governance documents (approval in spring); Student Summit (new initiative) 02/17-02/19/11, Expecting ~150 attendees; ATCE workshop “Discover your Potential” 11/1/11; Establish SPEi video library (recorded interviews with Industry CEOs/executives); Women’s Global Leadership Conference in Energy (Houston), 11/15-11/16/11;</p>

		Targeting \$35K in sponsorship for fiscal year; EEC just completed.
10/13/11	82%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Board to vet guidelines for online content and use of social media by SPE-GCS members. • Establish recommendations to better engage YPs (current and former) into Study Groups (Study Group/Committee representatives will engage YPs at EEC). <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Philippe Mitterrand (International Study Group) presented ideas for GCS Directorate of International Affairs position with goal to link SPE-GCS with SPE offices globally; Potential outcomes/benefits include: Implementation of global speaker exchange, assist local oil/gas community to develop international partnerships, promote SPE-GCS as oil/gas/energy center of excellence. • Succession Planning/Nominating Committees established: Succession Planning Committee to provide list of nominations for SPE-GCS BOD members to Nomination Committee by 11/15; Nomination Committee to 1) Recommend Engineer of the Year (due 11/15), Young Engineer of the Year (due 12/15); 2) Take recommendation for Succession Planning Committee and present formal recommendation to BOD by Dec. 2011 meeting. • Website upgrade: Currently using Tendenci 4 web content management system (4 years old, slow, difficult to update/customize); Update to Tendenci 5 would provide increased ability to customize, allow for easier event registration, and potentially allow more advertisement revenue due to dynamic advertisement displays; Would take a few months to migrate current content to new platform (could be completed in time for 2012 Kickoff Meeting); One-time charge to upgrade and expect monthly usage fee to be approximately the same, however, webmaster support cost would decrease due to ease of use/customization. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Membership: Growing (beating last year's figures); Currently 14,372 members (2816 YPs), 1095 student memberships; 90% of last year's members renewed in 2011. • Programs: LiveLink server update completed, work progressing on export report content/consistency. • Technology Transfer: Evaluating topics/production/pricing of future web events (including possibility of creating online video library). • Education: CHASE collaboration project (scholarships for middle school math/algebra teachers to obtain master teaching certification); Currently supporting third cohort of teachers; Still looking for additional sponsors; Will be launching beta web page at end of month (Board to pay website development cost).
11/17/11	78%	NEW ACTION ITEMS:

		<ul style="list-style-type: none"> • Locate archive of monthly newsletters for conversion to PDF format and establish location for posting on SPE-GCS website. <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Succession Planning Committee: Evaluation of Board/Membership Composition: General membership roughly one-third E&P, one-third Service, and one-third Academia/Consulting - goal to have SPE-GCS Board composition roughly one-half E&P, one-half Service/Academia/Consulting; Vetted positions for Vice Chair, Vice Treasurer, Secretary, and Education Chair - ready to pass identified candidates to Nominations Committee; Working to identify candidates for three At-Large Director position – focus on large operator employees with past Committee/Study Group chair experience. • Nominating Committee: Engineer of the Year Nominee - George King, Apache; Young Engineer of the Year Nominee - Kenji Furui, ConocoPhillips. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • YP: PetroBowl: 20 teams competed (roughly ½ international, competition streamed live (new initiative), University of Texas winner); Other: Best Practice Sharing - Preliminary discussions to focus on exchange between regional chapters, with longer-term goal of global exchange, YP Chair attended November Women’s Global Leadership Conference and October Next Generation Project Texas Assembly, YP participated in November’s The Dream Mile - 5K/10K Walk, 60-70 attendees for October Lucky Strike Bowling event. • Membership: Newsletter: Students currently not receiving newsletter, but numerous unpaid members are. New directive: Unpaid members greater than three months delinquent will stop receiving newsletter, Will send several copies monthly to each GCS student chapter for distribution to students; ATCE Section Officers Meeting: Hardcopy meeting summary notes provided to SPE-GCS board, New website hosting platform, while not to be adopted by our section, might be used to store documents for study groups with links back to main SPE-GCS webpage. • Education: CHASE: University of Houston administrator of program. SPE-GCS has voted to contribute \$42K this year. CHASE website will be ready for viewing in December. • Communications: Newsletter: Goal to begin converting monthly newsletter to PDF format and posting prominently on website (by January); Tendeci 5: Board to review Shipul’s ‘Society of Petroleum Engineers Gulf Coast Section Website Development Proposal’ for Tendeci 5 upgrade (hardcopy provided to SPE-GCS board) for potential migration beginning February.
12/15/11	70%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Create “Media Kit” as means to assist conversations about sponsorship options (considering if this should be an external document that includes list of funding opportunities or internal one that also includes level

		<p>of funding by supporting companies).</p> <ul style="list-style-type: none"> • Identify people/volunteers to support International Study Group, Tech Transfer Study Group and RPSEA initiatives. <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Motion to approve 2012 Board positions (Vice-Chairman, Vice-Treasurer, Secretary, 3 Directors) carried unanimously. • Engineer’s Week update: Engineers Week: 02/19-02/25/2012; Houston Engineer of the Year Banquet Thursday, 02/23 @ Minute Maid Station (Event sponsorship: Table of 10 @ \$950); Young Engineer of the Year event Monday, 02/20 @ Treebeards (Event sponsorship: Table of 10 @ \$350); To follow up with <i>Houston Business Journal</i> regarding announcement of Young Engineer of the Year SPE-GCS selection (Kenji Furui) and article profiling Engineer of the Year (George King). • Website upgrade: Create breakout/ad hoc committee to: 1) Identify possible website improvement, 2) Decide if website should be upgraded, 3) If so, decide what firm to be used, 4) Provide recommendation in 2 months (goal to have upgrade in place by 2012 Kickoff Meeting). • Logo Policy: Study Groups/Committees must adhere to SPEi graphics/logo policy (cannot create own logo); Can use Section, Committee, Study Group name below SPEi logo; Will communicate policy to Schipul (GCS website developer) and reiterate to membership @ 2012 Kickoff Meeting. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Technology Transfer: Plan to build library of Webinars, initially targeting high attendance talks with help from Programs Committee/Study Groups; Possible means of support include sponsorship via banner advertisements on library website and/or create small commercial before each webinar.
1/19/12	70%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Each board member to send Nomination Committee one name for nomination for Region or International Award in next two weeks (Nomination deadline February 15). • Collect/share information needed to start Drilling and Production Waste Management Study Group. <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Nominating Committee: 5 Regional Awards to be given by SPE-GCS – looking for 8-10 candidates; International and Regional Awards deadline February 15; Reach out to Study Groups for names. • Website Upgrade: Review of actions from ad hoc committee meeting: Create website wish list (completed), Meet with at least 3 companies (give update to Board at Feb. meeting), Update wish list, Request proposals, Review proposals (maybe at that time negotiate with Schipul), Create contract (combine maintenance and upgrade), Select vendor; Board agreed to plan.

		<ul style="list-style-type: none"> • Long-Range Planning: Starting review shortly (currently in 3rd year of current 2009-2012 plan), will need to establish committee to generate 2013-2016 plan. • HCC: Looking for ways to improve HCC Petroleum Engineering Technology student support by SPE-GCS - Students have limited access to industry software (e.g., Landmark, PHDWin, Aries) and personnel to teach software, Students having difficulty finding/getting internships (despite being a program requirement); ad hoc committee to address ways to better support HCC Student Chapter. • Drilling and Production Waste Study Group: Want to resuscitate Drilling Waste Management Study Group and rename it Drilling and Production Waste Management Study Group - suggestion to seek mentoring from Safety and Environment Study Group, as they are other newly formed Study Group. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Programs: Distinguished Lecturer Program: Safety & Environment Study Group Presentation (Dec. 13), Westside Study Group Presentation (Feb. 15), General Meeting Study Group Presentation (Feb. 19), PF&C Study Group Presentation (May 15, Cancelled); Study Groups: Visited 5 Study Groups (Northside, General Meeting, Westside, Drilling, YP) for check-in - suggestion to negotiate room, A/V rental rates @ board level (instead of passing responsibility to Study Groups). • Live Link Upgrade: Updated software and servers, updated user guide and overview video, installed web reports and creating canned reports for event and non-event payment requests (in progress), created screen images for form views to make more user-friendly, created .pdf reports for older events and payment requests - only major activity to complete is final acceptance testing. • Communication: Section-to-Section meeting scheduled for Monday (Jan. 23). Newsletter: All newsletter ads for this year are sold and most for next year, Need help with editing Newsletter - considering ad hoc Newsletter committee to further help with editing and considering reorganization of Communications Group to help better manage workload (potentially having dedicated Website and dedicated Newsletter leads reporting to Communications Chair).
2/16/12	57%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Instruct Study Group Chairs to offer student subsidy for meetings (might also want to include in Newsletter) – e-mail sent to study groups and information added to website. • Directors to contact Study Groups about volunteer needs/opportunities (to be compiled for EEC). <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Social Media Recommendation: Establish Social Media Coordinator position as part of Communications Committee. Help determine/define audience, make it easier to create networks and engage participants; Establish singular social media agenda employing consistent approach/branding (update presence on Facebook, LinkedIn, Google+); Manage/monitor dissemination of events, articles, messages; Interface with

		<p>SPEi and YP social media/communications staff.</p> <ul style="list-style-type: none"> • Drilling and Production Waste Management Update: Now recognized as Study Group; 2 speakers identified, events planned to begin 2Q. • Newsletter Update: For current year, \$377K sold in advertisements; For next year, \$233K sold to date (almost sold out); Question raised regarding whether we would go to 12 issues/year – probably not at this time, as we do not want to change advertising prices yet. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Membership: Current membership totals match last year’s February numbers; Section has 424 Legion of Honor members, ~4% of total membership (Are we serving them as members? Can we link LOH members with YP to serve as mentors?); HCC Student chapter now officially recognized HCC organization. • Education: Scholarship interviews expected in April. SPE-GCS college endowment now at \$286K (originally \$250K). • Social: Golf Tournament April 16: 136 teams registered (~1/2 of expected total). Current revenue: \$157K (expected revenue ~\$315K); Budget: \$229K. \$900 to be a hole sponsor.
3/15/12	52%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Revised newsletter contract (for change of vendor) for review/discussion by April 19, 2012 Board Meeting. • Board Executive Committee to discuss revision to current agreement for support of SPE-GCS Section Administrator/Administrative Assistant prior to April Board Meeting. <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Annual Report Preparation: Report due June 1, 2012, Report format revamped – shorter, easier to populate; Updates to LiveLink complete. • Newsletter Upgrade/Update: Considering new direction for newsletter – possibly switching to paid contractor to manage. Goals: 1) Well-defined performance criteria/metrics, 2) Improved interface with Study Groups and SPEi in order to keep up with current activities, 3) Updated monitoring of e-newsletter distribution (to track readership and reduce bounce-back) - by next Board meeting, have revised contract for review/discussion, to be decided/in-place for August newsletter distribution; All advertisements for next fiscal year already sold - considering increasing ad price for 2013-2014 (defer to Communications Committee for review of advertising rates). • Long-Range Planning: Long Range Plan distributed to Board for review – request for review and comments on plan by end of March. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Social: Golf: 191 teams committed to date (\$218K revenue), Goal: 290 teams (~\$315K revenue) with one month to go.

		<ul style="list-style-type: none"> • Membership: Assistance to be provided to organize HCC Student Chapter, including review SPE-GCS/SPEi protocols with Chapter leadership (planning to meet with Chapter March 23, 2012). • Programs: Scheduled alternate Distinguished Lecturer for Westside Study Group; submitted Distinguished Lecturer selections for next year. • Education: 2012-2013 Scholarship Proposal/Budget approved via e-mail vote (13 in favor, 0 opposed, 1 abstained). • YP: Working to document new succession planning process; Considering student position on Board to serve as Board Liaison to Student Chapters; Looking to expand Ambassador Lecture role; Applications for next YP board due April 1, 2012. • Drilling and Production Waste Management Study Group: First luncheon April 19, 2012.
4/19/12	57%	<p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Board Liaisons to reach out to Study Groups to tell them their parts of the Annual Report are due in three weeks. • Establish tutorial on how to pull data out of LiveLink. • Chairman to sign and date the Deuce Creative (new newsletter vendor) contract for the newsletter by April 30, 2012. <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Treasurer's Report: SPE Auxiliary is folding and donating their treasury to GCS as they liquidate; Education Committee to decide the best use of funds. • UEFA Presentation: Norm Carnahan, Chairman of the AIChE Upstream Engineering and Flow Assurance Forum (UEFA), is working with Vice Chair Elect Mike Strathman and AIChE Upstream Division to form a new group (not a division, but a global forum, which can have non-members participate) to focus on flow assurance. Currently there are about 120 local members of the Forum, with hopes to grow to 1000 globally; Would like to establish local lunch & learns about flow assurance, EOR and chemical treatments, perhaps have a local chapter of the UEFA Forum; Board agreed that forming a Study Group is way to go, but need to formalize operation of a joint society study group. • Newsletter Upgrade: Motion to hire Deuce Creative to prepare Gulf Coast Section Newsletter, starting with the August 2012 issue, according to the contract approved by SPEi carried. Contract Terms: Two-year rate-protected charge \$135/hour (~ \$4500/mo), Editing process will verify all info by contacting the Study Groups using a team of editors, 60-day notice needed by either party to terminate the contract. Ad prices will be reviewed (possible 10% increase) for subsequent proposal to and approval by Board. • Annual Report Preparation: Section Annual Report due to SPEi by June 1, 2012. Reporting period for the

		<p>Treasurer's Report is April 1–March 31; reporting period for the rest of the report are August 1–July 31.</p> <ul style="list-style-type: none"> • Awards Banquet: Banquet (May 23) will feature Felipe Bayon, Sr. VP of Special Projects at BP, as guest speaker. • HCC Foundation – STEM Symposium: This year's annual HCC Chancellor's Symposium is going to be on STEM – Science, Technology, Engineering and Math, to be held on Saturday, Sept. 29, 2012, at Space Center Houston - 1100 middle school, high school and HCC students will attend. • Website Upgrade: RFP sent to four companies: Higher Logic, Captavi, Swash Labs, and Schipul - Based on cost/relationship, recommendation to stay with Schipul; Will be revising the proposal again to specify \$33K to upgrade to Tendenci 5; Anticipate rollout at August Kickoff Meeting. • SPEi Office Agreement / Long Range Plan: Need to update SPE-GCS/SPEi agreement for sharing event revenue, offices, and office employees; Currently working on new MOU. <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Programs: Motion to change the Student/Unemployed subsidy luncheon price from \$5 to \$10 for all Study Groups carried. • Tech Transfer: Four Study Groups had webinars last month (well attended) with one webinar scheduled for April and one for May. • Education: Several teachers who graduated from the CHASE program as Master Math Teachers were nominated as Teacher of the Year at their respective schools.
5/10/12	70%	<p>A copy of the May 2012 meeting minutes can be found under Appendix C</p> <p>NEW ACTION ITEMS:</p> <ul style="list-style-type: none"> • Update on new newsletter format for next Board meeting • YPs to contact PF&C Program Chair about involvement with student chapters <p>MEETING HIGHLIGHTS:</p> <ul style="list-style-type: none"> • Treasurers Report: 2 transactions completed 03 April, 2012 – investment of \$125,005 in ‘Lord Abbett Core Fixed Income Fund Class A’ (LCRAX) Mutual Fund, \$125,005 in ‘Lord Abbett Short Duration Income Fund Class A’ (LALDX) Mutual Fund; Now have ~\$500K in mutual funds; Treasurer/Vice-Treasurer/Incoming Vice-Treasurer to meet before next Board meeting for budget process preparation. • Newsletter Upgrade: Transition meeting scheduled for next week (moving newsletter management to Deuce Creative); Deuce Creative wants to increase number of pages, including more photos of members, more white space; ‘New-look’ newsletter to be distributed next month; Might increase future advertisement costs by 5-10% • Website Upgrade: Motion to revise April motion for Schipul Website upgrade funding to \$41,000 (\$8000

		<p>increase) to include additional website requirements (extra one-time fee to provide capacity to cascade member information updates throughout website)</p> <ul style="list-style-type: none"> • Summer UHCL/EIH-SPE/GCS Summer Teacher Workshop: Scheduled for July 16-20, 2012; Draft agenda presented • CHASE Program Update: CHASE working to increase capabilities of math and science teachers, particularly to help promote student uptake beyond 8th-9th grade, with targeted certification; Want to limit program to 50-60 teacher participants to maintain high-impact associations and program manageability; Current ‘all-in’ cost is ~\$7500/teacher; Website to go live next month • Social Update: Golf tournament rained-out; Houston Cup: Same day as SPE-GCS Awards Banquet (23 May, 2012) @ Augusta Pine – 11:00 a.m. lunch, noon start <p>ADDITIONAL COMMITTEE/STUDY GROUP REPORTS:</p> <ul style="list-style-type: none"> • Programs: Distinguished Lecturers awarded to Reservoir, YP, and PF&C study groups. • Young Professionals: Selected new board last week (1/2 of current members staying on for second year term), record number of applicants; SPEi would like to take over Petrobowl – use regional events to select ATCE teams. Question to address is how to maintain legacy/benefit to SPE-GCS/YPs (as this is where it originated) <p>PF&C: PF&C Study Group ‘Expanding Facilities Knowledge Summer Series’ (a series of workshops on alternate weeks (4-6 p.m.) from 12 June to 09 August, 2012) presented by Brad Nelson (PF&C Program Chair) – agenda to be posted on website and advertised via e-mail blasts. Estimated \$1500 expense, \$6800 revenue</p>
6/14/12		To begin review of 2013 budget, review community service projects, and study groups.
7/12/12		To conclude budget review of 2013.
Total Number of meetings	68%, based upon 10 mo.	12

2.6 Is there something that SPEI needs to provide your section?

(1) Better communication between SPEI programming and SPE-GCS Board and GCS programming regarding workshops and conferences. Historically, many workshops have come out of local study groups. It has been difficult to create new workshops/conferences due to strong presence of SPEI programming within the area.

(2) Improvement with how successful events, grown locally within the GCS, are transitioned into SPEI. Examples include: (a) the Digital Energy Conference, (b) ESP Workshop, and (c) PetroBowl. The Digital Energy Conference (DEC) was a biannual GCS conference that grew to a point where it became difficult for volunteers to handle conference arrangements. The event contributed approximately \$80,000 to

\$100,000/year in net income to the Section, which was used to award students scholarships. The decision was made to transition this event to SPEI at the request of SPEI. An agreement was made between both parties that involved revenue sharing based upon net income. This agreement also contained provisions for expense audit by the GCS. Since this event has transitioned to SPEI, net income contribution from this event has decreased to \$10-20k based upon higher expenses. The Electric Submersible Pump (ESP) Workshop is another local home-grown event that resides within GCS. This event has a worldwide draw, but has strong local support. The question of moving this event from GCS to SPEI control based upon arrangements support is valid, although the GCS Board has concerns about the handling of this based upon the DEC experience. Petrobowl is an event started by the GCS Young Professionals that has become so successful that other Section YPs are creating regional events. SPEI mgmt has expressed interest and a need to manage these events in such a way to provide a global perspective to this event. The GCS has moved this issue to subcommittee for review and recommendation.

(3) Our Section would like better real-time access to numbers of attendees and costs of joint conferences, e.g., Digital Energy, ESP Workshop.

2.7 Please list all awards received and presented by your section.

Award Title	Nominee’s Name	Received Award (Yes/No)
Regional Service Award	Ron Harrell	Yes
Regional Service Award	Mark Peavy	Yes
Regional Service Award	Jack Courtney	Yes
Regional Service Award	Bill Bower	Yes
Regional Corporate Support Award	Anadarko	Yes
Regional Outstanding Young Member Award	Andrea Hersey	Yes
Regional Management and Information Award	Art Schroeder	Yes
Regional Reservoir Description and Dynamics Award	Erwinsyah Putra	Yes

Regional Projects, Facilities, and Construction Award	James Chitwood	Yes
Regional Production and Operations Award	Shauna Noonan	Yes
Regional Completion Optimization and Technology Award	Philip Snider	Yes
Regional Drilling Award	Mark Dykstra	Yes
Regional Formation Evaluation Award	Stuart Cox	Yes
SPEI President	James Pappas	No
SPEI Anthony Lucas Award	Marvin Gearhart	Unknown
SPEI John Franklin Carll Award	Dr. Lanny Schoeling	Unknown
Section Service Award	Carol Piovesan	Yes
Section Service Award	Mark Chapman	Yes
Section Service Award	Gabrielle Guerre	Yes
Section Service Award	Joanne Hresko	Yes
Section Service Award	Fred Newbold	Yes
Section Service Award	Bob Chin	Yes
Section Service Award	Fady Chaban	Yes
Section Service Award	Shiv Patil	Yes
Outstanding Study Group	General Meeting Study Group	Yes

Outstanding Committee	SPE Auxiliary	Yes
Past Chair Award	Hiep Vu	Yes
Houston Chapter Texas Society of Professional Engineers – Engineer of the Year	George King	Yes
Houston Chapter Texas Society of Professional Engineers – SPE-GCS Young Engineer of the Year	Dr. Kenji Furui	Yes
SPEI STAR Scholarship & Fellowship Recipient	Andrea Hersey	Yes
SPEI Distinguished Member	Steve Baumgartner	Nominated '12
SPEI Distinguished Member	Robert H. Lane	Nominated '11
SPEI Distinguished Member	Mathew Samuel	Nominated '10
SPEI Distinguished Member	Dan Scott	Nominated '10
SPEI Distinguished Member	Jeff Spath	Nominated '11
SPEI Distinguished Member	Michael J. Sullivan	Nominated '11
SPEI Distinguished Member	Terry L. Thoem	Nominated '11
SPEI Distinguished Service	Jeanne Perdue	Nominated '10
SPEI Distinguished Service	Robert A. Woodroof, Jr.	Nominated '11
SPEI Distinguished Service	R. Allen Shook	Nominated '11
SPEI Completions Optimization and Technologies	Ibrahim Abou-Sayed	Nominated '10

SPEI Completions Optimization and Technologies	Michael J. Mayerhofer	Nominated '10
SPEI Completions Optimization and Technologies	Dave Cramer	Nominated '10
SPEI Completions Optimization and Technologies	William Dale Wood	Nominated '10
SPEI Drilling Engineering	Frederick E. Beck	Nominated '11
SPEI Drilling Engineering	Gefei Liu	Nominated '11
SPEI Formation Evaluation	Douglas Patterson	Nominated '11
SPEI Formation Evaluation	Khaled Hashmy	Nominated '11
SPEI Formation Evaluation	Mohamed N. Hashem	Nominated '10
SPEI Formation Evaluation	Robert Freedman	Nominated '10
SPEI Formation Evaluation	Allen Howard	Nominated '10
SPEI Formation Evaluation	Oliver Mullins	Nominated '10
SPEI Formation Evaluation	Medhi Matt Honarpour	Nominated '11
SPEI Health, Safety & Environmental and Social Responsibility	Frederick Jones	Nominated '11
SPEI Health, Safety & Environmental and Social Responsibility	Roland L. Moreau	Nominated '11
SPEI Health, Safety & Environmental and Social Responsibility	Joseph Patrick Smith	Nominated '11
SPEI Honorary Member	Jamal J. Azar	Nominated '10
SPEI John Franklin Carll	Jefferson L. Creek	Nominated '10

SPEI John Franklin Carll	Alfred Hill	Nominated '10
SPEI Management & Information	Philippe Flichy	Nominated '10
SPEI Management & Information	Donald Moore	Nominated '11
SPEI Management & Information	Shao-Qing Sun	Nominated '10
SPEI Production & Operations	Gene E. Kouba	Nominated '11
SPEI Production & Operations	John C. Patterson	Nominated '11
SPEI Public Service	Scott L. Wellington	Nominated '11
SPEI Reservoir Description & Dynamics	Mohammad R. Fassihi	Nominated '10
SPEI Reservoir Description & Dynamics	Michael J. King	Nominated '11
SPEI Young Member Outstanding Service	Michael Cherif	Nominated '11
SPEI Young Member Outstanding Service	Tim Jones	Nominated '11
SPEI Young Member Outstanding Service	Carlos Santacruz	Nominated '11
Non-SPE Awards:		

2.8 Challenges Faced - List any unusual challenges the section faced this year such as political, environmental, socio-economical development, or financial situations.

The new Houston Community College (HCC) Student Chapter had a rough time getting off the ground, and there was an issue over who was leading the Chapter as President, as one neglected his duties while another took over without being officially elected or appointed. Jeanne Perdue, Membership Chair, who has responsibility for liaising with the student chapters, stepped in, held a meeting to detail what is expected of SPE student chapters, organized election of officers, and generally smoothed over a tense situation. Bylaws, typical student

activities, procedures, and professional guidelines were shared, a new account was opened with HCC and Section signatories, and things are looking far more promising.

2.9 Innovation in Section Operations or Sustainability – Describe new and innovative ways your section operated or sustained the section in the last year.

1. Young Professionals Committee implemented a succession planning initiative that provides a more sustainable structure by ensuring continuity from year to year, with tiered levels of involvement from volunteer to committee coordinator to YP board member to officer, with job descriptions compiled for each position. In addition, the Section Bylaws were amended to make the YP Chair and Education Chair members of the Section Board of Directors. This succession plan involves 2 to 3 year assignments within leadership positions in order to build from lessons learned. Prior YP Board Directors were for 1-year terms, with all members rolling off each year would produce a completely new YP Board with no continuity in planning the big events.

2. LiveLink improvements: An initiative was completed in 2011-12 to upgrade the LiveLink software at a cost of approx \$15,000. The purpose of the upgrade is to provide real-time revenue and expense data for Study Groups and Committees in order to provide better fiscal performance. It also serves at a higher level to assist the Section Board in identifying groups and committees that may be in need of support.

3. Newsletter Initiative - The newsletter was redesigned in full color (a change from the current design with black and blue ink only) and is now printed through RR Donnelley, where JPT is published. GCS membership has signaled positive response to improvements with color, copy and content. This has led to an increase in advertising interest. Ad rates increased 15% for run-of-book positions, and the insert advertisements were increased from \$2500 to \$5000 to cover additional printing costs. Advertising space sold out and the newsletter has doubled its profits. Current advertisers have first right of refusal on the following year's ad space. No preference is given based on company size. All accepted advertisements focus on the oil industry, in line with US Post Office nonprofit regulations. Advertising revenues were \$339,463 and total expenses were approximately \$259,000 (final accounting not completed until after the June issue is published), for a gross profit of ~\$80,000. Printing and distribution cost per issue is \$1.73, and revenue per issue is \$2.27, leaving a positive cash flow of \$0.54 per issue. For the 2011-2012 program year, the Section plans to produce 12 issues of the newsletter. We will continue to print in full color and through RR Donnelley. Ad rates will remain the same, but will likely increase 5–10% next fiscal year.

3.0 Member Benefits

3.1 Section Activities with Employers

- **List and describe efforts by the section to liaise with industry employers.**

- Employers were invited by the **Membership Committee** to attend a career fairs at the new HCC Student Chapter. BP, Marathon, and Oxy participated, and several students may get summer internships or permanent job offers from this effort. Similarly, employers were contacted about sponsoring SPE-GCS scholarships and summer internships for scholarship winners by the Chair of the Scholarship Committee, Gabby Guerre.
- **The YP committee** has multiple initiatives to develop relationships with industry employers. Our YP membership committee has had multiple Lunch & Learns with industry employers and student chapters (listed below). Additionally, to better promote our YP Committee’s activities, the GCS YP launched a program called Company Champions. We have been building a list of contacts within local industry employers whom we contact for extra assistance in promoting YP events in the workplace. Additionally, SPE-GCS YP meetings were open to the public beginning in January 2012.

Date (dd/mm/yy)	Location	Activity	Number of Participants
20-Oct-11	Occidental Petroleum	YP: SPE Info Session / Lunch & Learn	26
9-Nov-11	Rice/University Houston Student Chapter	YP: SPE Info Session / Lunch & Learn	30
12-Nov-11	Houston Community College	YP: SPE Info Session / Lunch & Learn	20
1-Dec-11	Rice/University Houston Student Chapter	YP: Presentation to Student Chapter Meeting	100
3-Jan-12	SPE GCS YP Board Meeting	Open Meeting	2
6-Feb-12	SPE GCS YP Board Meeting	Open Meeting	4
5-Mar-12	SPE GCS YP Board Meeting	Open Meeting	7
3-Apr-12	SPE GCS YP Board Meeting	Open Meeting	11
1-May-12	SPE GCS YP Board Meeting	Open Meeting	3
23-May-12	Chevron	YP: SPE Info Session / Lunch & Learn	25*
5-Jun-12	SPE GCS YP Board Meeting	Open Meeting	5*
15-Jun-12	SPE Info Session / Lunch & Learn	TBD	25*

3.2 Social Activities

- **Complete the table for any other activities sponsored by the section, such as nontechnical events or activities not mentioned elsewhere in this report. Examples are galas, holidays, happy hour, sporting events, SPE Auxiliary etc....**

Date (dd/mm/yy)	Location	Activity	Number of Participants
18-Oct-11	Lucky Strike Bowling Alley, Networking Event	Shuttle Texas A&M students to Lucky Strike Networking Event	5
1-Apr-12	Urban Warzone Paintball, Katy TX	Shuttle Texas A&M students to Paintball Networking Event	10
25/09/2011	Little Woodrow's Midtown, Houston TX	Turtle Races and Happy Hour	44
22/9/2011	Mosaic, Houston TX	Happy Hour	77
18/10/2011	Lucky Strike Bowling, Houston TX	Bowling	55
17/11/2011	SPJST Lodge 88, Houston TX	Bingo in the Heights and Happy Hour	55
14/12/2011	St. Arnold's Brewery, Houston TX	Holiday Happy Hour	104
18/01/2012	Hughes Hanger, Houston TX	Happy Hour	125
15/02/2012	Black Finn, Houston TX	Happy Hour	230
14/03/2012	Painting with a Twist, Houston TX	Painting with the Pros SPE YP Women's Event	39
29/03/2012	Cedar Creek, Houston TX	Happy Hour	70
14/04/2012	Urban Warzone Paintball, Katy TX	Paintball Networking	40
9/5/2012	Wild West, Houston TX	Two-Step Dance Class/Happy Hour	45*

3.3 Young Professionals Committee (YPC)

- **Does your section have a formalized Young Professional Committee? YES**
- **How does your YP committee engage with your Section?** The GCS YP committee strives to facilitate interaction between Young Professionals and experienced members of the GCS with a variety of networking, community outreach, and professional development activities scheduled throughout the year. These activities are open to all members and publicized on the GCS website and newsletter. In addition, the GCS YP Committee also works to incorporate students and local SPE Student Chapters into its activities to facilitate the transition of student members into full members of the GCS.
- **List and describe efforts by the section to engage and organize young professionals.** The YP Committee works to create networking, community outreach, and professional development events to attract young professionals' participation. To best meet the needs of the Section's YPs, the SPE-GCS YP holds open meetings, publishes events on the Section website and in the newsletter, and uses social media (Twitter, Facebook, and LinkedIn) to communicate with Young Professionals. It also performs an annual survey

of Young Professionals in the GCS to solicit feedback on YP interests and areas of improvement for the YP Committee. This information is then used to plan development event topics, networking activities, and enhance Young Professionals' participation.

- Lunch & Learn programs were held at Occidental Petroleum on Sept. 29, 2011 to let the Early Career Engineers Network there know about our YP programs, and on May 23, 2012 at Chevron to encourage participation in SPE YP events.

3.4 Students

- **Do you invite student members or students from your student chapter(s) to attend section events?**
X YES NO
- **Describe ways in which your section members are involved with your student chapters and/or student members.**
- Membership Chair Jeanne Perdue is tasked with liaising with the three student chapters: Texas A&M, U. Houston/Rice U., and Houston Community College. She met with UH/Rice Chapter President and Prof. John Lee at UH to discuss how to forge stronger bonds between the new UH PetE program and the Section and discuss whether to split UH and Rice into two separate Chapters. Also, she was guest speaker at a UH/Rice Chapter meeting and helped promote the Chapter's golf tournament fundraiser. Jeanne also organized an industry advisory board meeting for the HCC PetroTech program, sponsored a Pizza Party at HCC Nov. 12, 2011 with the YP Membership Chair Heather Ardeel, and shared info about SPE at the Oxy Career Fair held at HCC on May 4, 2012. The YP Committee helped Texas A&M Chapter host a new Student Summit for Texas SPE Chapters to share best practices with each other.
- GCS YP events are always open to SPE Student Chapter members, and the GCS YP Committee has taken several steps to increase student participation at YP events. This year the GCS YPs held several information sessions with SPE Student Chapters (listed below) to increase awareness and membership. Additionally, the GCS YPs sponsored transportation from Texas A&M University to our Lucky Strike Bowling Event in October, January Happy Hour, and the Paintball networking event in April. Our bowling event had 5 students turn out, the January Happy Hour had 55 students turn out, and the Paintball event had 5. **New Initiative:** The GCS YPs have decided to add a Student Chapter Liaison position. This position will join the 2012-2013 YP Board, support the Membership and Networking Chairs, and be a student from a local SPE student chapter. The goal of this initiative is to identify better ways to incorporate Student Chapters into YP activities and provide a single contact for Student Chapters to connect with the GCS YP Board. A list of Student Chapter information and networking events is included in the Membership activities listed in section 3.1.
- **Describe ways in which your section engages student members outside of chapter activities.**

- Our section offers students the opportunity to attend our Study Group luncheons for \$10, rather than the SPE member price of \$35 or more. Three students from the HCC Student Chapter attended the PetroTech Study Group meeting on May 8, 2012, and one attended the meeting on April 10, 2012. HCC Student chapter leadership has attended SPE GCS BOD meetings as well.
- The SPE-GCS offers an internship program to SPE-GCS scholarship winners, whether petroleum engineering students or not, in the petroleum industry each summer. The objective is to foster an understanding of the petroleum industry through on-the-job training. Rey Saldares and Gabrielle Guerre contacted numerous operating and service companies to provide them with dossiers on this year's scholarship winners in case the companies needed summer interns. This program is in progress for the 2012 summer period. To date, Anadarko Petroleum Corp will be providing internship offers to the following seven individuals:

Recipient/Major/University	High School	Pre-College Internship
Brooks Beckelman / Petroleum Engineering / The University of Texas at Austin	Kingwood	Anadarko
Jayson Dayvault / Mechanical Engineering / The University of Texas at Austin	Kingwood	Anadarko
Lindsay Duvall / Petroleum Engineering / Texas A&M University	The Woodlands	Anadarko
Matthew Inman / Petroleum Engineering / The University of Texas at Austin	College Park	Anadarko
Megan Matheney / Geophysics / The University of Texas at Austin	Oak Ridge	Anadarko
Eric Redondo / Petroleum Engineering / The University of Texas at Austin	Kingwood	Anadarko
Robert Wyrick / Petroleum Engineering / Texas A&M University	Cypress Woods	Anadarko

- The YPs have created a student liaison position to improve communications and facilitate increased interactions with local student chapters. Additionally, we offer support to various local student groups as needed/requested.
- **Describe ways in which your section members are educating pre-university students on the profession and the industry.**

- A member attended a career fair at Kerr High School in Alief ISD on April 5, 2012 and one at the Humble Civic Center on Sept. 23, 2011 to show a Key Energy Services video on drilling and describe jobs and scholarships available for petroleum engineering.
- Recruited the wife of an SPE member to give Magic Suitcase presentations in the schools now that her daughter is in school.
- The YP Committee is active in the Ambassador Lecture Program (ALP), coordinating volunteers to speak at local high schools about careers in science, technology, and engineering. Volunteers in the program also serve as guest instructors to classrooms in under-privileged communities. The GCS YP has logged 141 volunteer hours with the ALP spread over 48 visits to 3 high schools. A list of ALP events is included below. More volunteers were available than spots to visit schools during the fall sessions.

Month	Hours	Visits	Schools
Oct-11	18	3	Westside, Milby
Nov-11	18	3	Westside, Milby
Jan-12	30	12	Westside, Milby
Feb-12	67.5	27	Westside, Milby, Woodlands
Mar-12	7.5	3	Westside, Milby
Total	141	48	Westside, Milby, Woodlands

3.5 Innovation in Membership Benefits – Describe new ways used to enhance the membership benefits that your section tried in the last year. Recruited a member who transferred to our Section to start up and champion a new program to link Legion of Honor members with YPs in a mentoring program. The older ones can share valuable experience and stories with the younger ones, who can help the elders with new tech gadgets and social networking. This program is still a gleam in the eye, but we now have a volunteer to lead it.

Student Support

The following four tables will be used for the SPEI Scholarship and Student Support Reimbursement program. Funds may be used to provide scholarships for individual students, reimburse student travel expenses to SPE meetings, purchase SPE software or publications for university students, or for educational outreach to pre-university students.

- **Section Name: Gulf Coast Section**
- **University Student Scholarships**

Name of Scholarship Recipient	College/University	Major	USD
Brooks Beckelman, Fresh, Kingwood HS	University of Texas at Austin	Petroleum Engineering	\$3000
Jennifer Bilby, Fresh, Westside HS	University of Texas at Austin	Petroleum Engineering	\$3000
Jason Dayvault, Fresh, Kingwood HS	University of Texas at Austin	Mechanical Engineering	\$3000
Lyndsey Duvall, Fresh, Woodlands HS	Texas A & M University	Petroleum Engineering	\$3000
Christopher Eustice, Fresh, Westchester Academy	Texas A & M University	Petroleum Engineering	\$3000
Sarah Green, Fresh, Huntsville HS	Texas A & M University	Petroleum Engineering	\$3000
Kevin Graham, Fresh, Memorial HS	University of Texas at Austin	Mechanical Engineering	\$3000
Matthew Inman, Fresh, Woodlands HS	University of Texas at Austin	Petroleum Engineering	\$3000
Paula Martinez, Fresh, North Brook HS	Texas A & M University	Petroleum Engineering	\$3000
John Mosele, Fresh, Strake Jesuit	Tulsa University	Petroleum Engineering	\$3000
Eric Redondo, Fresh, Kingwood HS	University of Texas at Austin	Petroleum Engineering	\$3000
Matthew Richardson, Fresh, Jersey Village HS	Texas A & M University	Chemical Engineering	\$3000
Katrina Schilling, Fresh, Katy HS	Texas A & M University	Petroleum Engineering	\$3000
Devon Sills, Fresh, Houston Christian HS	Colorado School of Mines	Petroleum Engineering	\$3000
Brooks Taylor, Fresh, Memorial HS	Texas A&M University	Petroleum Engineering	\$3000

Robert Wyrick, Fresh, Cypress Woods HS	Texas A&M University	Petroleum Engineering	\$3000
David Anderson, Fresh, Stratford HS	Texas A&M University	Mechanical Engineering	\$1,500 Auxiliary & \$1,500 GCS
Emily Bell, Fresh, Seven Lakes HS	Rice University	GeoSystems Engineering	\$1,500 Auxiliary & \$1,500 GCS
Eddie Martinez, Fresh, Sealy HS	Texas A & M University	Chemical Engineering	\$1,500 Auxiliary & \$1,500 GCS
Megan Matheney, Fresh, Oak Ridge HS	University of Texas at Austin	Geophysics	\$1,500 Auxiliary & \$1,500 GCS
William Schlobohm, Fresh, Cypress Ranch	Texas A & M University	Petroleum Engineering	\$1,500 Auxiliary & \$1,500 GCS
Jennifer Wisler, Soph	Texas A&M University	Petroleum Engineering	\$3,000
Kristen O'Brien, Soph	Texas A&M University	Petroleum Engineering	\$3,000
Nicole Ancell, Soph,	Rice University	Petroleum Engineering	\$3,000
Jonathan Nagel, Soph	University of Oklahoma	Petroleum Engineering	\$3,000
Alexandria Truby, Soph	Colorado School of Mines	Petroleum Engineering	\$3,000
Matthew Tomberlin, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Taylor Logan, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Kevin Mize, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Yogarshri Pradham, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Kate Denninger, Soph	Colorado School of Mines	Petroleum Engineering	\$3,000
Carson Brinkley, Soph	Texas A&M University	Petroleum Engineering	\$3,000

Rachel Lewis, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Alexander Batista, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Matthew Sasso, Soph	Texas A&M University	Petroleum Engineering	\$3,000
Lyndsay Kalberer, Soph	Texas A&M University	Petroleum Engineering	\$3,000
Dylan Waak, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Oliver Brown, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Alexandra Gil, Soph	University of Texas at Austin	Petroleum Engineering	\$3,000
Krysten Bradley, Soph	Texas A&M University	Petroleum Engineering	\$3,000
Christopher Foster, Soph	Texas A&M University	Petroleum Engineering	\$3,000
Alexander Bernhard, Junior	University of Texas at Austin	Petroleum Engineering	\$1,500
Austin Mallet, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Joseph Hays III, Junior	University of Texas at Austin	Petroleum Engineering	\$1,500
Garret Reddin, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Cory Hardegree, Junior	University of Tulsa	Petroleum Engineering	\$3,000
Steven Fly, Jr, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Garret Granier, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Jay Bowling, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000

Michelle Bilby, Junior	University of Texas at Austin	Petroleum Engineering	\$1,500
Danielle Mouton, Junior	Colorado School of Mines	Petroleum Engineering	\$3,000
Rownak Rahman, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000
Tyler Van Howe, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000
Lindsey Fenati, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000
Lauren Filaroska, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000
Kyle Bulpitt, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Sterling Behrens, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Lane Borden, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Kevin Lafferty, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Parth Sanghvi, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000
Kate Waldorf, Junior	Colorado School of Mines	Petroleum Engineering	\$1,500
George Walden, Junior	University of Texas at Austin	Petroleum Engineering	\$3,000
Michelle Noto, Junior	Texas A&M University	Petroleum Engineering	\$3,000
Jennifer Agnew, Senior	University of Texas at Austin	Petroleum Engineering	\$3,000
Brian Arnst, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Sarah Bacho, Senior	Texas Tech	Petroleum Engineering	\$3,000

Dillon Briers, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Matthew Gunter, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Stephen Janacek, Senior	Texas A&M University	Petroleum Engineering	\$1,500
Joseph Jones, Senior	Texas A&M University	Petroleum Engineering	\$1,500
Kevin Meloy, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Michael Schwarz, Senior	University of Texas at Austin	Petroleum Engineering	\$3,000
Noel Strickling, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Lisa Thornton, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Katherine Tomberlin, Senior	Texas A&M University	Petroleum Engineering	\$3,000
Garrett Whittington, Senior	University of Texas at Austin	Petroleum Engineering	\$3,000
Ryan Van Howe, Senior	University of Texas at Austin	Petroleum Engineering	\$3,000
Grant Andrews, Senior	Oklahoma University	Petroleum Engineering	\$3,000
Miguel Curo, Senior	University of Texas at Austin	Petroleum Engineering	\$3,000
William Wagner, Senior	University of Texas at Austin	Petroleum Engineering	\$3,000
Matthew Halpin, Senior	Texas A&M University	Petroleum Engineering	\$3,000
		Total USD	\$238,500

- **University Student Travel to SPE Meetings**

Name of Student	College/University	SPE Meeting	USD
Texas A&M Student Chapter	Texas A&M University	Lucky Strike Bowling	\$500
Texas A&M Student Chapter	Texas A&M University	Urban Warzone Paintball, Katy TX	\$500
Total Number of Students	15		Total USD for Travel - \$1000

- **Cost of SPE Software/Publications Purchased for University Students**

Name or Title of Software/Publications Purchased/Provided	College/University	USD
PHDWin	Houston Community College	Donated by TRC Consultants, requested by SPE-GCS

- **Cost of Educational Outreach for Pre-University Students**

Program Name or School Name	Details of the Outreach	USD
Communities in Schools Houston (CISH):	<p>CISH is a non-profit organization dedicated to reducing the number of school dropouts (mainly in inner city schools) in the Houston area. This program targets “at-risk” students who volunteer to be included in the program and pass CISH entry standards of commitment. This year’s level of SPE-GCS support included:</p> <p>CISH Scholarships:</p> <p><u>Freshman:</u></p> <p>Liliana Balboa/Mechanical Engineering/Texas A&M Reagan HS</p> <p>Iztiguay de la Paz/Environmental Science/Texas A&M, Milby HS</p> <p>Margarita Reza/Chemistry/University of Houston, Milby HS</p> <p>Dayanna Rodriguez/Biochemistry/UT at Austin, Alief Hastings HS</p> <p>Maritza Valdespino/Education/Texas A&M, Milby HS</p>	<p>Direct financial contribution of \$3,000 to CISH to defray operating expense.</p> <p>SPE-GCS has committed to 5 new CISH scholarships, 4 Sophomore CISH renewals, 5 junior CISH renewals, and 4 senior CISH renewals for a total of 19 scholarships for a total of \$57,000.</p>

	<p><u>Sophomore Renewals:</u></p> <p>Pablo Banda, Texas A&M University, Environmental Geoscience</p> <p>Ana Castro, Wesleyan University, Environmental Science</p> <p>Zerik Kendrick, University of Houston, Architecture</p> <p>Tawan Sheppard, Texas A&M at Prairie View, Nursing Administration</p> <p><u>Junior Renewals:</u></p> <p>Darius Wilborn, Prairie View A&M University, Civil Engineering</p> <p>Jose Segovia, Texas A&M University, Chemistry</p> <p>Paige Harris, UT at Austin, Journalism</p> <p>Diamantina Espinosa, University of Houston, Biology</p> <p>Jazlan Brown, Clark Atlanta Univ., Entrepreneurship & Venture Mgmt.</p> <p><u>Senior Renewals:</u></p> <p>David Sanchez, UT at Austin, Mechanical Engineering</p> <p>Maricarmen Chaves, University of Texas at Austin, Nursing</p> <p>Adilene Mendino, University of Houston, Civil Engineering</p> <p>Kierra Lee, Texas A&M University, Sociology</p>	
<p>Collaborating in Houston for the Advancement of Science</p>	<p>CHASE is a community initiative to grow the supply of local talent in the Houston labor market for high-paying and rewarding science, engineering and technology jobs. CHASE began as an idea to provide</p>	<p>\$ 55,000 in 2011-2012</p>

<p>and Engineering (the CHASE program)</p>	<p>scholarships to middle school math teachers to make them subject matter experts. This program was spawned in January 2006 as a collaborative between the SPE Gulf Coast Section, the Houston Community College, and University of Houston at Victoria. Documented research had indicated that passing Algebra was a major stumbling block in the path of earning a technical college degree, and that the most significant influence on academic achievement in children was the quality of the teachers.</p> <p>Phase 1 began in Fall 2006 with the SPE Gulf Coast Section as the sole provider for the consortium, funding \$50,720 to develop the initial pilot program. Six teachers entered the pilot program, with 5 graduating in May 2008. Based upon both qualitative and quantitative formative assessment and evaluation, the teachers showed improvement in both their subject matter and pedagogic skills.</p> <p>Phase 2 began in Fall 2009. An evaluation of the results of the Phase 1 pilot led to a number of structural and organizational changes in Phase 2 to strengthen the program and to develop better measures related to outcomes. Program administration was shifted to the University of Houston in order to provide scalability to the project. Funding was provided by the SPE Gulf Coast Section and Shell, the program's first industry sponsor. Total funding level was \$180,000. Seventeen teachers entered the program, with ten graduating and taking the Master Math Teacher (MMT) exam administered by the Texas Education Agency in March 2012 to receive the official MMT Certification. An additional 3 teachers are engaged in other course work and will complete the program at a later date. It is expected that teachers will serve as master teacher/mentors for other math teachers on their campus, thus compounding the program's impact.</p>	
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Phase 3 began in Fall 2011 with nineteen teachers supported by funding continued by SPE Gulf Coast Section and Shell, with the University of Houston providing management and administrative oversight. Emphasis was placed on recruiting teachers who serve large numbers of underserved, at-risk populations. Beginning with Phase 3, all teachers participating in the MMT program are affiliated with the Texas Regional Collaborative (TRC), an initiative from UT-Austin that provides ongoing non-credit professional development for teachers across the state. The purpose of this affiliation is to ensure that the teachers in the MMT program have an opportunity to not only strengthen their classroom competence, but also to develop their professional leadership capabilities. One of the primary goals of the program is to develop teacher-leaders who can serve as mentors to other teachers on their campus and in their respective districts. In addition, UH has collaborated with the Region 4 Education Service Center as a means of more effectively communicating information about the MMT program to all districts in the greater Houston area.

Phase 3 is expected to be completed in the Fall 2012 semester.

Phase 4 is expected to begin in Summer 2012. Interest among teachers and local school leadership is strong. Although over 70 applications have been received, Phase 4 will be limited to 20 students due to financial constraints. Under the current class model as administered by the University of Houston, the number of teachers that could be supported at any one time could grow to a maximum of 50 to 60 before requiring additional faculty and instructional support.

The Gulf Coast Section was instrumental in the development of this program. It is the desire of the SPE GCS to reach out to industry and

	invite them to come alongside Shell as industry sponsors to this program in the future.	
Houston Community College Petroleum Engineering Technology Scholarship Program	The Society of Petroleum Engineers Gulf Coast Section PET Scholarship Fund was established in September 2007 with a pledge of \$20,000, and gifts of \$10,000 for the 2007–08 and the 2008–09 academic years. Since then, a total of 52 scholarships have been awarded to HCC students in the PetroTech program, the only program of its kind in the US. The average scholarship award is \$765.89, the average GPA of the students has been 3.45, and their average course load has been 12.13 hours. Selections are made by the HCC Foundation, which administers the program on behalf of SPE Gulf Coast Section and other sources of scholarship funding. As a performance metric, the Section has requested that HCC demonstrate their progress in placing graduates into the industry in order to be considered for future funding. To date, this has not been completed by HCC.	
Lone Star College (Lone Star) Scholarships:	The GCS has provided “bridge” scholarships to eligible students of Lone Star College (Formerly North Harris Montgomery Community College) designed to encourage community college students to continue studies in a four-year engineering degree. The scholarship is awarded to selected Lone Star students who transfer into accredited, four-year Petroleum Engineering degree programs. The scholarship is unique at Lone Star, as it does not support a student currently enrolled in the community college. Instead, scholarship funds are disbursed during the first semester of enrollment at the 4-year university as a means of easing the financial transition from community college to the university level. After the first semester, recipients of the SPE-GCS Lone Star scholarship are automatically transitioned to the SPE-GCS Petroleum Engineering program providing	

	<p>they have met the necessary academic requirements. SPE-GCS established a \$15,000 endowment, which will provide one \$1,000 scholarship per year to deserving students. The scholarship was not awarded in 2008. Two scholarships were awarded in 2009. Unfortunately, the scholarship was not awarded in 2010 or 2011 due to student qualifications. Lone Star College Foundation, applying criteria approved by GCS, administers this program.</p>	
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- **The section received SPE funding for 2010–2011.** X YES NO
- **The section did not grant a scholarship or provide student support in 2010–2011, but would like to request a USD 1,000 grant from SPEI to start participating in the program.** YES X NO

4. Reaching Out – Within, Inter-Society and Community Benefits

4.1 Outreach and Sharing with other Technical Groups

List ways your section shares technology with other sections, the Society, and other industry groups.

A. SPE Related:

(1) The Gulf Coast Section has had a wonderful opportunity to share information and get exposed to new ideas recently by communicating with three other SPE sections. As a brainchild from the 2010 ATCE meeting in Florence, Italy, this “section to section” link hit the ground running. The GCS initiated the first conference call, which led the way to some interesting conversations. The participating parties are the Delta Section (New Orleans), Dallas Section, Moscow Section, and the Gulf Coast Section. Some topics that have been discussed are webinars, podcasts, “study group to study group” sharing, websites, membership databases, and new ideas for scholarship fundraising. Lessons learned have been shared by all since each section operates differently and has unique characteristics that can help all. Some beneficial queries have even been raised and expressed to SPEi. Each participating section -- no matter how old, new, large, or small -- has shared helpful hints and taken useful information back to their sections. Since the meetings have proved advantageous, they now are held

quarterly. Through events such as this led by GCS, our Section will improve dramatically, help other sections develop, and in turn help grow SPE as a whole.

(2) GCS Advisory Board of past Section Chairs will be tasked with reaching out to local professional societies at a high level. This initiative did not launch in 2011-12 due to the high activity level within the Section. The initiative will begin in the 2012-13 year.

(3) The Drilling Study Group's December meeting was a joint meeting with the Houston Chapter of AADE.

(4) The General Meeting Study Group's December meeting was a joint meeting with Houston Chapter of API.

(5) The GCS provides advertising to other sections within the GCS newsletter and on our website.

(6) The YP section has been actively involved in helping other regional YP committees set up PetroBowl style competitions at the local level. The section also generates interest among SPE Student Chapters by helping them attend SPE-GCS YP events.

(7) GCS members are involved in all facets of SPE activities, including participating in SPE committees and subcommittees at the Society level and the SPEI, such as the Membership Workshop and Section Officers Workshop. We actively share our best practices with other sections.

(8) A volunteer breakout session was held as part of the SPE-GCS 2011 Kickoff Meeting in August. Membership Coordinator Jeanne Perdue met with 20 new volunteers, matching their skills and preferences with Study Group and Committee volunteer needs.

(9) We continue to update a "Volunteering" webpage <http://www.spegcs.org/volunteer-opportunities/> where community service and educational opportunities are listed as they become available. In addition, a list of willing volunteers is sent to Membership Coordinator Jeanne Perdue from SPEI, and she helps place them in appropriate volunteer positions, both at the Section and International levels, that will help them grow both personally and professionally.

(10) Past-Chair Mark Peavy and Membership Chair Jeanne Perdue attended the 2011 Officers Workshop at ATCE in Denver, Colorado.

(11) The YPs hosted the tenth annual PetroBowl at the 2011 ATCE in Denver, and they shared their know-how with other YP Sections around the world to spawn other local PetroBowl competitions. (See details under Other Activities.)

B. Non-SPE Related:

(1) SPE-GCS involvement with Texas Society of Professional Engineers Leadership Forum Committee along with ECH helps establish and maintain a channel of communication with other technical organizations in the Houston area that normally would not be established through regular means. Contacts and relationships have been created and learnings have been shared amongst these partnering organizations, and we all combine to celebrate Houston Engineers Week.

(2) SPE-GCS is reviewing a proposal by AIChE society for collaboration on monthly luncheons for the local chapter of the Upstream Engineering and Flow Assurance Forum (UEFA), and for providing for free advertising on our website for technical workshops, etc.

- **Describe your relationships with other professional societies (national or international) that are active in petroleum engineering or related areas. Include any joint activities and initiatives (ongoing and new).**
- PetroBowl co-chairs consulted with LAPEC organizers to help with the first ever PetroBowl-style competition at LAPEC 2011. The YP Chair mentored the Los Angeles YP Section officers. After discussing the issues they are facing, she sent them event planning documentation, budgeting files, board structure, and surveys. They ended the year with a successful event and will be using the survey information to plan events for the upcoming year. A YP Summit Committee was formed that will be planning an event for all YP Board members in Texas and the surrounding states this year. The one-day workshop will allow YP Boards to share best practices and pick from a variety of topics such as communication improvements, social media, hosting a large event, budgeting, and sponsorship requests. Currently, the event has been approved by the GCS Board and sent out to the other Section chairs for approval. The YP committee is currently mentoring a YP group planning to start up in Kazakhstan.
- Houston Cup golf tournament is held annually with AADE, API, and IADC, this year on May 23, 2012 at Augusta Pines in Spring, TX.

4.2 Outreach to the Community

- **List all activities within the local community sponsored by the section or that in which members participated that enhanced the image of the petroleum industry or the petroleum engineering profession. Activities include, but are not limited to, presentations concerning the petroleum industry, energy education, charitable causes, and community action projects.**

Date (dd/mm/yy)	Location	Description
16-23/06/11	UH Victoria	<p><u>Earth Science and Energy Education: A Summer Institute for Teachers</u></p> <p>The primary goals of these summer development workshops, led by Rob Bruant (SPE Board Director), for Houston area 4th-8th grade science teachers was to: (1) Train/educate teachers in aspects of geology, earth science, environmental science, and energy content areas, (2) Provide participants with lessons/materials for classroom integration, and (3) Link workshop topics with student career considerations. SPE members participated as Career Booth Custodians, representing the following general disciplines/professions: Academia, Completions/Production Engineering, Drilling, Geophysics, Petroleum Geology, Projects/Facilities/Construction, Reservoir/Production Engineering, Safety/Environment. Session 1 included 9 SPE volunteers; Session 2 included 7 SPE volunteers; 26 teachers from 5 Houston area school districts participated.</p>
6-Aug-11	Christian Community Service Center, Houston	Back to school items distribution to students: 3 volunteers, 11 service hours
17-Sep-11	Houston City Library	Children book sale volunteering: 5 volunteers, 26 service hours
10-Sep-11	Rebuilding Together Houston	Helped rebuild the porch of an old house affected by Hurricane Ike and time: 11 volunteers, 93 service hours.
8-Oct-11	Houston Museum of Natural Science	Family Energy Festival: SPE booth to educate kids about the oil industry using the SPE Magic Suitcase: 4 volunteers, 20 service hours
15-Oct-11	Sam Houston Park, Houston	Energy Day: Help set up, usher, coordinate and wrap up of the one of the biggest energy festivals in Houston: 7 volunteers, 21 service hours
19-Nov-11	Lemonade Day Warehouse, Houston	Lemonade day backpack stuffing. Lemonade day is a unique initiative to engage kids in entrepreneurship activities and we helped prepare the handouts for the day. 5 volunteers, 15 service hours
10-Dec-11	Reliant Center, Houston	Elves and More Bike Build: Help assemble bikes that are then given away for free to the kids: 8 volunteers, 25 service hours
14-Jan-12	Houston Library Warehouse	Help in a book sale to raise money for the Houston Library Foundation: 2 volunteers, 6 service hours
21-Feb-12	Houston Food Bank	Helped sort and pack food items: 5 volunteers, 18 service hours
28-Apr-12	Houston Museum of	YPs with educational background of Chemistry or Chemical Engineering spoke to the kids

	Natural Science	about their careers and the wonder of Chemistry. 4 volunteers, 16 service hours
19-May-12	Children’s Museum of Houston	Young Inventor’s Showcase: Volunteers help judge the innovative creations by the kids from around Houston. 4 volunteers, 20 service hours
Fall 2011/ Spring 2012	Milby High School, Westside High School, Woodlands High School	Junior Achievement and Ambassador Lecture Program. SPE Volunteers interact with high school students on topics ranging from Success Skills to Business Ethics to Careers in Energy. One of the most successful SPE YP Community Outreach events. 10 volunteers, 141 service hours
		Total volunteers = 68, Total service hours = 412 hours

4.3 Innovation in Society and Community Benefits – Describe new ways used to enhance the Society and Community Benefits that your section tried in the last year.

- (1) In May the YP committee will be hosting a Volunteer Appreciation Event to recognize our volunteers during the year.
- (2) This year the YP’s focused on participating in Community Outreach events outside of the realm of energy and trying to increase the visibility of Young Professionals in the various charitable organizations around Houston. SPE is already known far and wide in the energy sector and all these above activities boosted its image to the local communities.

Return this form to the SPE Sections Team no later than 1 June.

- Submit electronically as a Word document to sections@spe.org.
- Limit total submission (report and attachments) to no more than 100 pages.
- Include only one example of newsletters, meeting minutes, etc.

An auto-response will be sent upon receipt of your annual report. In the event a receipt is not received, please notify sections@spe.org. Note: The maximum email file size is 6 MB.