

## Los Angeles Basin Section Society of Petroleum Engineers

*Recipient of the 2011 SPE President's Section Award for Excellence*

### A Message from the Chair



#### **Golf, SPEI and Summer!!**

Dear Fellow SPE Members,

I want to start by thanking all of you who participated in the Annual LA SPE Golf Tournament at Los Serranos Country Club May 2nd 2014. Special thanks to the Golf Committee Chairman, Rich Manuel and the golf committee led by Scott Walker, Juan Santillan and all the other committee members, family, friends and colleagues who helped to make this another successful event for the LA SPE Scholarships and student support.

We were pleased to have the SPE Western Regional Director, Tom Walsh, join us for the second year, playing with his team from last year. I am still aching from the golf tournament, having played an 18 hole-course for the very first time with my very abled student team! A special thanks to Weatherford for providing the excellent pre-tournament BBQ – always something to look forward to and a thank you to our corporate sponsors for their financial support and participation.

I had met with Rich Manuel earlier in the year and we spoke about different ideas to make this year even more successful than last year. It appears that Rich and the golf committee surpassed those expectations by bringing in over \$24,000 with 268 people playing. This is the highest amount achieved in the last 5 years on record!

*continued on page 2....*

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### **PETROLEUM TECHNOLOGY FORUM, JUNE 10TH**

The next Petroleum Technology Forum is “Modeling and Simulation of Gas Injection Processes” on June 10th by Dr. Kristian Jessen, USC. *Details follow on page 3 ...*

|   |   |  |
|---|---|--|
| <u>Location:</u><br>Long Beach Petroleum Club<br>3636 Linden Avenue<br>Long Beach, CA 90807 | <u>Time:</u><br>Registration: 11:30 AM<br>Buffet Lunch: 11:30 AM<br>Presentation: 12:00-1:00 PM | <u>Cost:</u><br>\$25.00 members,<br>\$30.00 non-members,<br>Free for 1st 4 students, others \$5 each |
|---|---|--|

Message from the Chair...*continued from page 1*

As you all know the Golf tournament provides the main financial support for our scholarship program, student outreach activities as well as student support for local and regional SPE events. For the 2014 – 2015 school year we will be providing a total support of \$13,000, for student scholarships.

I want to congratulate the scholarship chair, Brian Tran as well as the Scholarship Committee for working diligently and fairly in crafting the scholarship award criteria so that a larger and more diverse student body can be considered for these awards. The Scholarship committee will be working hard over the summer to finalize the award winners and make the awards presentations in September.

At the time of writing the final LA SPE Section Annual Report was put together and submitted to the mother ship, SPEI. I want to thank several individuals, who provided the relevant information in order to submit the content to the SPEI website, including: Eric Withjack, Mike Utt, Steve Cheung, Brian Tran, Devon Shay, Rick Finken, Scott Hara and Uduak Ntuk.

Finally our monthly meeting will be held at the Petroleum Club on Tuesday June 10th and we have the pleasure of listening to Dr. Kristian Jessen, Associate Professor in the Mork Family Department of Chemical Engineering and Materials Science at University of Southern California. He will be discussing “Modeling and Simulation of Gas Injection Processes”.

Summer has arrived, June 10th will be the last LA SPE luncheon meeting that we will have before we take our break and reconvene in September. I want to sincerely thank the SPE Leadership who took an active driver seat this year, clearly exhibiting their energy and passion for the benefit of our section, local companies and the students at USC, CSULB and UCI.

The LA SPE student landscaped has changed over the last 9 months (we gained an energetic and enthusiastic student chapter from UCI), but what has remained consistent is the energy and professionalism of our volunteers who take a proactive stance to do the best they can and serve their communities.

I look forward to seeing you all on June 10th and thank you for supporting the local section and its members.

*“The pessimist sees difficulty in every opportunity. The optimist sees the opportunity in every difficulty”. Quote from Sir Winston Churchill*

Sincerely  
Baldev S. Gill  
Chairperson 2013-2014  
[Baldev.Gill@longbeach.gov](mailto:Baldev.Gill@longbeach.gov)

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[connect.spe.org/  
LosAngelesBasin/Home](http://connect.spe.org/LosAngelesBasin/Home)

[www.LASPE.org](http://www.LASPE.org)

FORUM FROM PAGE 1 . . .

## PETROLEUM TECHNOLOGY FORUM, JUNE 10TH

### **Modeling and Simulation of Gas Injection Processes**

**Kristian Jessen, USC**

#### **Abstract**

In order to estimate the potential incremental hydrocarbon recovery by CO<sub>2</sub> injection, compositional reservoir simulators are commonly used in the industry. Successful design and implementation of CO<sub>2</sub> injection processes rely, in part, on the accuracy by which the available simulation tools can represent the physics that govern the displacement behavior in a reservoir. In this work, we investigate the accuracy of some physical models that are frequently used to describe mixing and mass transfer in compositional reservoir simulation.

Inspired by laboratory observations, we discuss a new upscaling strategy for compositional simulation at larger scale, where a high-resolution reservoir model is transformed into a coarse dual-porosity and dual-permeability model. We introduce a streamline index to partition passive and active porosities and demonstrate that the proposed method is significantly less sensitive to coarsening than traditional single-porosity upscaling techniques.

To extend the application of our proposed workflow beyond conventional reservoirs, we demonstrate the need for better models in the context of naturally fractured reservoirs where mass transfer between fractures and matrix blocks dictates the performance of enhanced recovery processes.

#### **Biography**

Kristian Jessen is Associate Professor in the Mork Family Department of Chemical Engineering and Materials Science at University of Southern California. He holds BSc, MSc and PhD degrees in Chemical Engineering from the Technical University of Denmark.

Dr. Jessen is the co-founder of the consulting company Tie-Line technology ApS that specializes in PVT software for design and optimization of gas injection processes. He has authored and co-authored numerous technical papers in the area of modeling and simulation of enhanced oil/gas recovery by gas injection processes.

His current research activities include characterization and modeling of mass transfer and sorption phenomena in the context of unconventional oil and gas resources, and CO<sub>2</sub> storage in subsurface formations.



## LASPE SCHOLARSHIPS AVAILABLE

Dear fellow LASPE members and applicants, it is the board of director's pleasure to announce the 2014-2015 scholarship program. The program has been restructured and with a new scholarship criteria that is neutral and objective in order to attract those engineering students that are committed to the Petroleum Industry. For the first time ever we are throwing the net to the largest and diverse student population in the history of LA SPE. Our goal is to promote local interest in up and coming talent who will be the future of our industry. We want to encourage students to pursue science and engineering curriculums and to increase their awareness of career opportunities in the petroleum industry. The LASPE awards scholarships to local university graduates, undergraduate students and local high school students.

We want to thank the all of the companies, members and contributors who participate in our events, workshops and activities. These activities and the funds generated are the lifeblood of our program that enables us to award scholarships to deserving students for years. Please refer the scholarship announcement and application to a promising candidate if you know one. The LASPE scholarship committee will reach out and spread the word to local universities as well.

Scholarship criteria and application forms may be downloaded from LASPE.org webpage.  
<http://laspe.org/scholarship/scholarship.html>

The deadline for submittal of the application is June 30, 2014. The students will be notified of the results in September 2014. For more information, please contact:

Brian Tran  
SPE Scholarship Chairman  
Email to: [brian.tran@bakerhughes.com](mailto:brian.tran@bakerhughes.com)  
[LASPEscholarship@gmail.com](mailto:LASPEscholarship@gmail.com)

The scholarships that are available are:

**Mei Chang Memorial Scholarship:** \$1,000 award available for local high school graduates entering college in the fall of their graduating year. This scholarship is a tribute to Ms. Mei Chang, a Sr. Research Scientist with Chevron. She is remembered for her steady contributions to LASPE and for tutoring science and math high school students. The awards are available to children, grandchildren and siblings of LASPE members.

**High School Graduate Scholarships:** Two \$500 awards available for local high school graduates entering college in the fall of their graduating year.

**Undergraduate Scholarships:** Four scholarships of \$1,000 each; USC, UCI, UCLA and CSULB. Four awards, one for each university contingent upon applicant pool. These are available for regional undergraduate college students pursuing petroleum engineering or geology, chemical, civil, mechanical, environmental or related engineering curriculums.

**Masters Scholarships:** Three \$1,000 scholarships are available for college graduate masters students pursuing studies or conduction research in energy and petroleum related subjects. This for the top Masters Students at UCLA, UCI and CSLUB based on GPA and extracurricular activities. Contingent upon applicant pool.

**Bruce Davis Memorial Scholarship:** \$1,000 award available for an USC student pursuing graduate studies in petroleum related fields, chemical engineering and chemistry. Dr. Davis, a 26-year employee of Chevron, considered himself an experimental chemist and wished to encourage students with science backgrounds to pursue a future career in the Petroleum Industry.

**Graduate Student Awards of Excellence:** Two Graduate Student Awards for Excellence of \$1,500 each for the most outstanding contribution to the Oil & Gas industry. Can be project, paper, thesis, etc.

| 2014-2015 LASPE SCHOLARSHIP APPLICATION   |   |                                   |
|---|---|-----------------------------------|
| <b>APPLICANT INFORMATION</b>  |   |                                   |
| Name:   |   | Date of Birth:                    |
| Email:  |   | Phone:                            |
| Current Address:  |   |                                   |
| City:   | State:  | ZIP Code:                         |
| <b>ACADEMIC INFORMATION</b>   |   |                                   |
| Current University:   |   |                                   |
| Current Degree Major(s) Pursued:  |   | Cumulative GPA: (    /    ) scale |
| Most Recent Degree Major(s) Completed:  |   | Cumulative GPA: (    /    ) scale |
| Expected Graduation Date:   | Full Time Student for Upcoming Year (Y/N):        |                                   |
| Active Member of SPE/ Student Chapter (Y/N):  | Received SPE Scholarship Award in the Past (Y/N): |                                   |
| <b>INTERNSHIP(S) SERVED (IF ANY)</b>  |   |                                   |
| Company:  |   | Dates:                            |
| Duties:   |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |
| <b>STUDENT PAPER, PROJECT, PRESENTATION OR THESIS</b>   |   |                                   |
| For 2014/2015 Year (Y/N):   |   | If yes, which of the above?       |
| Will it be presented or published? (Y/N):   |   | If yes, when and where?           |
| Attach a typed synopsis or abstract to this application. 300 words max.   |   |                                   |
| <b>SCHOOL-INDUSTRY PARTICIPATION</b>  |   |                                   |
| State your involvement & support in school or industry activities: (events, meetings, competitions, volunteerism, workshops, clubs, etc.) Be specific about your involvement with an SPE Student Chapter and the LA Basin SPE Section. Extra pages can be attached if necessary |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |
| <b>PERSONAL STATEMENT</b>   |   |                                   |
| State your interest in and plans for pursuing a career in the oil & gas industry – 100 words or less: Attach an extra page if necessary   |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |
|   |   |                                   |

Submit all applications with attachments to: [LASPEscholarship@gmail.com](mailto:LASPEscholarship@gmail.com)



**PHOTOS FROM MAY 13TH  
PETROLEUM TECHNOLOGY FORUM**

**Hydraulic Fracturing Myths, Reality and  
Environmental Stewardship through Better Chemistry**  
**by Daniel J. Daulton, Baker Hughes**

*This presentation can be viewed on the LASPE Website- [click here](#)*



## HORIZONTAL DRILLING WORKSHOP

**June 26, 2014**  
**The Grand, 4101 E. Willow Street**  
**Long Beach, Ca 90815**

### **Learning Objectives**

The one-day Horizontal Drilling and its Challenges workshop covers most of the basic/advanced engineering and concepts. This course provides a systematic, phased approach of the use of fundamental engineering principles, tubular mechanics and challenges associated in drilling these wells. The target audience should be interested to learn/refresh engineering principles so that they can be more equipped to consult as well as solve complex problems effectively and confidently. Upon completion of this course, attendees will have deeper knowledge of the basic principles used in day to day exercise and will be able to use the knowledge gained in a more improved way. This course will have practical hands-on class exercises to solve complex problems in practical terms through DSWE software accessed through the cloud.

### **7:30 a.m. Registration**

### **8:00 Horizontal Drilling Workshop: Dr. Robello Samuel**

1. General Introduction
2. Types of Horizontal Wells
3. Wellpath Planning
4. Surveying and Calculation of Horizontal Wellpath
5. Multilateral wells
6. New Generation Horizontal Wells
7. Downhole Tools and Measurements
8. Challenges and Mitigation
9. Casing Wear
10. Horizontal Completions
11. Software on Design, Torque and Drag estimation, Hole cleaning and Pressure management

### **4:00 p.m. Adjourn**

**Intended:** For field & office engineers, geoscientists and geologists

**Format:** Lecture/Lab/ presentation

### **Book**

**Horizontal Drilling Engineering by Robello Samuel and Deli Gao**  
ISBN 978-0-615-83770-3 SigmaQuadrant.com

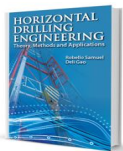
More details on next page

## HORIZONTAL DRILLING WORKSHOP - *CONTINUED*

### Software

**Torque and Drag, Hydraulics – accessed through the cloud.**

Participants should bring their own laptop computers



### **Registration and Payment**

The fee of \$200 includes workshop, materials, refreshments, and lunch. Also, Horizontal Drilling Engineering Book by Robello Samuel is provided to all students free of charge. All attendees must register in advance. You may register and pay on line using PayPal at [www.laspe.org/PayPal.html](http://www.laspe.org/PayPal.html). If paying by check (make out to “LASPE”) or pay with cash, please pre-register by email to [goras9@aol.com](mailto:goras9@aol.com).

### **About the Instructor:**

**Dr. Robello Samuel** is a Technology Fellow with Halliburton. He is currently a research and engineering lead for well engineering applications and responsible for research and scientific activities for new drilling technologies. He has more than 25 years of multi-disciplinary experience in domestic and international oil/gas drilling and completion operations, management, consulting, software development and teaching. He is also an adjunct Professor at the University of Houston and Texas Tech University, Lubbock for the past 10 years. He has published more than 120 technical papers, reports, books. He is presently serving in several Editorial Review Committees.

Samuel’s unique blend of skills as a field engineer, researcher and teacher helped him to author six drilling books and a forthcoming book “Drilling Engineering Optimization”. He started his career working on rigs as a drilling engineer. He has also worked at Oil and Natural Gas Corporation from 1983 to 1992 as a field drilling engineer.

Dr. Samuel, a SPE Distinguished Lecturer, holds B.S. and M.S. (mechanical engineering) degrees from University of Madurai and College of Engineering, Guindy, Anna University (Chennai), M.S. and Ph.D. (petroleum engineering) degrees from Tulsa University. He is also the author of seven bestselling drilling engineering books.

Register and pay on line using PayPal at [www.laspe.org/PayPal.html](http://www.laspe.org/PayPal.html).  
If paying by check (make out to “LASPE”) or pay with cash, please pre-register by email to [goras9@aol.com](mailto:goras9@aol.com).



## YOUNG PROFESSIONALS NETWORKING EVENT

### YP Event on Thursday, June 12th

5:30-8pm

Wokano Long Beach  
199 The Promenade N  
Long Beach, CA 90802  
Sponsors TBA

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### FREE REGISTRATION FOR LEGION OF HONOR MEMBERS AT ATCE

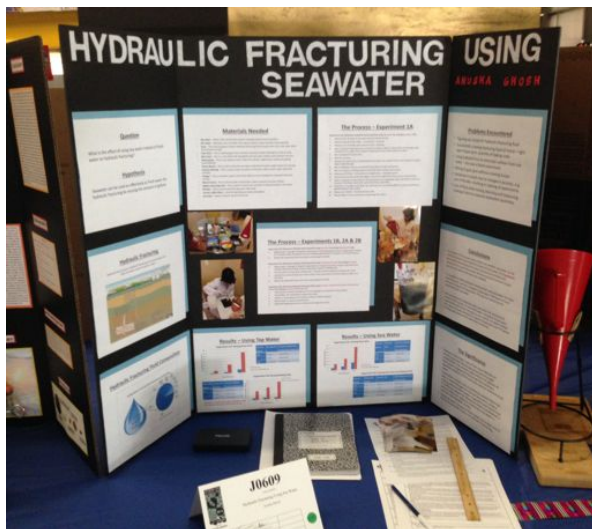
**Legion of Honor members will receive free registration for SPE's Annual Technical Conference and Exhibition, 27-29 October 2014 in Amsterdam.**

**Details of Legion of Honor/VIP registration will be sent by email approximately 3 months in advance of the conference and will include a link to an online tool. Legion of Honor members may want to review their member profile for a current email address since the registration link is sent by email only.**

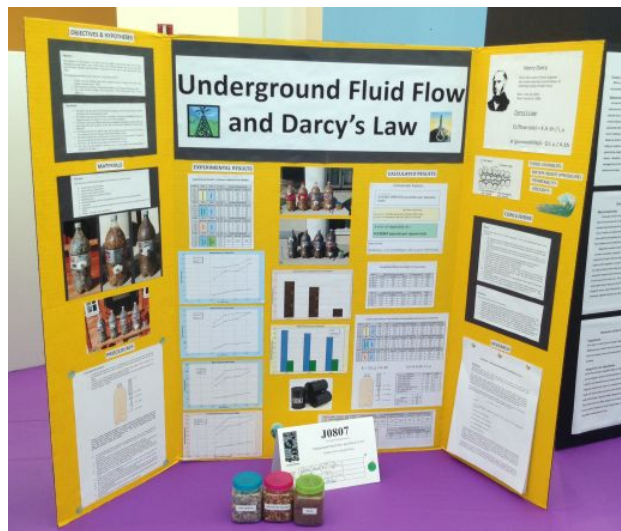
Thanks to Sam Sarem for submitting this information. Liane DaMommio, SPE Membership Development can be contacted for more details at [ldamommio@spe.org](mailto:ldamommio@spe.org)

## CALIFORNIA STATE SCIENCE FAIR NEWS

April 29, 2014 – The Los Angeles Chapter of the Society of Petroleum Engineers participated in the 2014 California State Science Fair at the California Science Center in Los Angeles, CA. Hundreds of students from across the state and from all 58 counties participated in the fair this year. SPE Members Jack Smith and Uduak Ntuk volunteered as judges to identify outstanding projects related to the oil and gas industry. Below are the winners, Anusha Ghosh (Hydraulic Fracturing using Seawater), Matthew Perri and Hayden Pisano (Underground Fluid Flow and Darcy’s Law).



First Place



Second Place

**Society of Petroleum Engineers Superior Technical Achievement Award** – For outstanding technical achievement in projects relating to the development of oil and/or gas resources, mechanics, subsurface fluid flow, and production of those or other energy resources through wellbores, or in projects of a technical nature requiring a high degree of independent thinking, which could be applied to the advancement of the field of petroleum engineering research and/or development. First Place is \$200; Second Place is \$100. Award includes a certificate. Presented by the Los Angeles Chapter of the Society of Petroleum Engineers.

**First Place:** J0609, Anusha Ghosh, Santa Clara County

**Second Place:** J0807, the team of Matthew A. Perri and Hayden W. Pisano, Kern County

## SPE STUDENT CHAPTER NEWS

**TO:** LASPE  
**FROM:** USC SPE  
**DATE:** May 28, 2014  
**SUBJECT:** Elections and New Board

The University of Southern California Chapter for the Society of Petroleum Engineers recently elected their new officers for the 2014-2015 school year. After hard work from the previous board and chapter, the newly elected board is excited to build to the organization's future. The newly elected President is Lawrence Bustos, a master's candidate in petroleum engineering with an emphasis in smart oilfield technologies. The vice president is Kevin Aranha a master's candidate in petroleum engineering. The secretary is Chau Diep, a master's candidate in petroleum engineering with an emphasis in smart oilfield technologies. The treasurer is Jonathan Rojas, a master's candidate in petroleum engineering. The community outreach officer is Leilani Rebolledo, an undergraduate student in mechanical engineering with an emphasis in petroleum engineering. The event coordinator is Andrew Montecalvo a master's candidate in petroleum engineering. The newly elected board is eager to make progress in maintaining the Gold Standard Award and earning the Outstanding Chapter Award.

For more information please contact: President Lawrence Bustos ([lbustos@usc.edu](mailto:lbustos@usc.edu))

## SPE STUDENT CHAPTER NEWS

### CSULB Students Attend the 2014 WRMJCE

With the support of LASPE CSULB's student chapter was able to send six students to attend the 2014 Western North America and Rocky Mountain Joint Conference and Exhibition in Denver. Attendees were President Kim George, Treasurer Safir Wazed, Secretary Stella Talverdi, & members Joseph Benko, Juan Simoes, & Luis Cisneros. All of our members and attendees are grateful for the support of LASPE for this event.

Later in April we had a meeting where we hosted Chris Lopez from Baker-Hughes who did a Q&A session with our students about starting their careers in the industry as well as his experiences during university. It was a great experience for our students. This was able to give our members enough information to help our members begin to plot out a career path. CSULB would like to thank Cristian Lopez, Baker-Hughes, and LASPE for their support of our lecture series.



From Left to Right: Baldev Gill, USC Student, CSULB Treasurer Safir Wazed, Member Luis Cisneros, Member Juan Simoes, President Kim George, Steve Cheung

## CALLING ALL PROFESSIONALS IN THE PETROLEUM INDUSTRY

- Help Educate the University Student Chapters -



This statue is part of a monument in Taft, California.

We are looking for volunteers who work in the Petroleum Industry and can volunteer a small amount of their time to give a talk at the Local Universities, which have or are forming SPE Student Chapters. These academic institutions include USC, CSULB, UCI and UCLA, who students are interested in the Petroleum Industry and want to learn about the different jobs that are available in the LA and surrounding areas.

***Specifically we would like to hear from Drilling Engineers, Completions Engineers, Production Engineers, Reservoir Engineers, Facilities Engineers, Geologists, Petrophysicists and Management.***

If you would be interested in being part of a professional directory that the University Chapters can call upon for their SPE meetings, which typically occur in the evenings we would be grateful if you could **contact Devon Shay (email: [dshay@shpi.net](mailto:dshay@shpi.net))** and send your contact details, including title, company or current status, area of expertise and what the title of your talk would be?

LA SPE thanks you for your time and efforts in helping educate and motivate young bright engineers and scientists to join the industry.

Sincerely,

Baldev S. Gill  
LA SPE Chair 2013-2014

## SELECTED SPE UPCOMING EVENTS - 2014

| Date   | Title  |
|--|--|
| June 10*   | <a href="#">Modeling and Simulation of Gas Injection Processes</a><br>Kristian Jessen, USC |
| June 26  | <a href="#">Horizontal Drilling and it Challenges Workshop</a>                             |
| <b>Note: * LASPE Board meeting starts at 10:30 a.m. and all members are welcome to observe</b> |  |

## DEADLINES FOR NEWSLETTER ARTICLE SUBMISSION

| Month     | 1st Submission Call | Last Submission Call | No Submissions Accepted After | Newsletter Publish Date |
|-----------|---------------------|----------------------|-------------------------------|-------------------------|
| September | 8/16/14             | 8/23/14              | 8/29/14                       | 9/2/14                  |



**LASPE BOARD MEETING MINUTES  
BOARD OF DIRECTORS MEETING, APRIL 8, 2014**

**Attendance:**

Eric Withjack, Senior Past Chair  
Steve Cheung, Junior Past Chair  
Baldev Gill, Section Chair  
Brian Tran, Board Member through 2016  
Ted Frankiewicz, Vice Chair 2013-2014 and Board Member through 2015  
Christian Vaccese, Board Member through 2014  
Reza Rastegar, Program Chair and Board Member through 2015  
Uduak Ntuk, Outreach Committee and Board Member through 2014 (Proxy)  
Robert Schaaf, Board Member through 2016  
Ali Khan, Treasurer and Board Member through 2015  
Mike Utt, Senior Past Section Chair

Rick Finken, Past Treasurer – Not Present  
Scott Hara, Outreach Committee  
Vanessa Perez, Past Nomination Chair – Not Present  
Jalal Torabzadeh, CSULB Student Chapter Advisor  
Sam Sarem, Chair, Membership and Awards Committees  
Leila Vlasko, Forum & Program co-chair – Not Present  
AB Gorashi Abdulrahman, Continuing Education Committee Chair – Not Present  
Erik Renteria, CSULB Student Chapter – Not Present  
Stephanie Grace Arriola, CSULB Student Chapter  
Asim Sakour, UCI Student Chapter  
Soham Punjabi, USC Student Chapter – Not Present  
Kim Geroge, CSULB Student Chapter Secretary  
Omone' Livingston, SPE Member Worley Parsons  
Safir Wazed, CSULB

**Proceedings:**

1. Baldev Gill called the meeting to order at 10.41 am (Pacific Time Zone)  
A quorum of Directors was present, and the meeting was ready to proceed with business.
2. Baldev Gill proposed the agenda for approval, whereupon Robert Schaaf made the motion and seconded by Brian Tran. Approved.
3. Brian Tran moved to approve the minutes of March and Robert Schaaf seconded, minor changes were applied (paging numbers, deleted some students' names). Approved.
4. Treasurer Report made by Richard Finken on behalf of Ali Khan Financial Report of activities through April 30, 2014, the seventh month of the 2013-14 Program Year. The report includes the 2013-2014 budget approved at the January 13, 2014 Board Meeting.

continued next page

**LASPE BOARD MEETING MINUTES CONTINUES...**

For April 2014, income exceeded expenses by \$32,409. Income included Golf Tournament registrations (\$34,117), April Forum receipts (\$1,035) and registrations for the June Horizontal Well workshop (\$388). Expenses included a planning meeting for the 2015 WRM (\$189), Forum expenses (\$901), Science Fair awards (\$900), newsletter expenses (\$512) and Golf Tournament expenses (\$630).

The total value of LASPE's assets was \$126,909 as of April 30, 2014, consisting of \$95,245 in working funds and \$31,665 in reserve funds.

5. No Old Business discussed.
6. New Business:
7. Discussions: \$940 to be approved for donation to the Stanford University Regional Paper Competition. Christian Vaccese moved for approve the donation, Ted Frankiewicz seconded. Approved
8. SPEC Service name on SPE badges: Brian Tran moved that SPEC Service will be used as sponsor on SPE badges, Reza Rastegar seconded. Approved.
9. Funds for attending Awards Ceremony in Denver for BOD Award Winner: Brian Tran will attend the Award Ceremony in Denver to get his Award and LASPE will sponsor \$150 to pay for the 1 day registration. Ted Frankiewicz moved to approve the sponsor of \$150, Steve Cheung seconded. Approved
10. Kim George of CSULB gave us an update on CSULB SPE Chapter activities: they are going to have Mr. Christian Lopez as a speaker from Baker Hughes next Tuesday. CSULB have been actively volunteering on the MESA Competition. 7 Students from CSULB will attend the Regional SPE Conference in Denver.
11. 2015 WRM Kick-Off meeting, Baldev Gill is planning a meeting at the end of April to talk about the WRM organization: Hotels (Long Beach and Anaheim), Committee, Topics, Workshops, Technical Session etc., Steve Cheung and Tom Walsh are also helping on these tasks.
12. WNAR Denver has already 400 people registered for the event, they are focusing on the marketing in order to have more participants.
13. Brian Tran and the Scholarship Committee is working on the Scholarship Policy and soon we'll receive an email from him and proceed with the votes to approve it.
14. Regional MESA days at UCLA on April 5th and at CSULB on April 12th, Scott Hara is looking for volunteers and Kim George of CSULB is providing him with a list of candidates for this purpose.
15. Science Fair looking for volunteers, Uduak Ntuk is advertising through newsletter emails for this purpose.

**Adjournment**

The meeting was adjourned at 11.32 am  
(Pacific Time Zone).  
Respectfully submitted,

Christian Vaccese LASPE Secretary and Board Member.

**LASPE BOARD MEETING MINUTES  
BOARD OF DIRECTORS MEETING, MAY 13, 2014**

**Attendance:**

Eric Withjack, Senior Past Chair – Proxy  
Steve Cheung, Junior Past Chair – Proxy  
Baldev Gill, Section Chair  
Brian Tran, Board Member through 2016  
Ted Frankiewicz, Vice Chair 2013-2014  
Christian Vaccese, Board Member through 2014 – Proxy  
Reza Rastegar, Program Chair and Board member through 2015 – Proxy  
Uduak Ntuk, Outreach Committee and Board Member through 2014  
Robert Schaaf, Board Member through 2016  
Ali Khan, Treasurer and Board Member through 2015  
Mike Utt, Senior Past Section Chair – Not Present

Rick Finken, Treasurer  
Scott Hara, Outreach – Not Present  
Vanessa Perez, Past Nomination Chair – Not Present  
Jalal Torabzadeh, CSULB Student Chapter Advisor  
Sam Sarem, Chair, Membership and Awards Committees  
Leila Vlasko, Forum & Program co-chair – Not present  
AB Gorashi Abdulrahman, Continuing Education Committee Chair  
Omone Livingston, SPE Member Worley Parsons  
Asim Sakour, UCI Student Chapter  
Taran Sondhy, UCI Student Chapter – Not Present  
Liyen Nguyen, UCI Student Chapter – Not Present  
Soham Punjabi, USC Student Chapter – Not Present  
Zelong Wang, USC Student Chapter – Not Present  
Kim George, CSULB Student Chapter President

**Proceedings:**

1. The meeting was called to order at 10:45 AM by Baldev Gill. A quorum was met.
2. Motion made to approve Agenda by Baldev Gill, seconded by Uduak Ntuk. Agenda was unanimously approved.
3. Motion made to approve minutes for April meeting by Baldev Gill, seconded by Brian Tran. Motion to vote was made by Ali Kahn, seconded by Uduak Ntuk. Minutes were unanimously approved.
4. Treasurer Reports:  
For April 2014, income exceeded expenses by \$32,408.84. Income included Golf Tournament registrations (\$34,117), April Forum receipts (\$1035), and registrations for the June Horizontal Well Workshop (\$388). Expenses included a planning meeting for the 2015 WRM (\$189), Forum expenses (\$901), Science Fair Awards (\$900), newsletter expenses (\$512) and Golf Tournament expenses (\$630).

The total value of LASPE's assets was \$126,909.39 as of April 30<sup>th</sup>, 2014, consisting of \$95,245 in working funds and \$31,665 in reserve funds.

5. Old Business: None Discussed

continued next page

**LASPE BOARD MEETING MINUTES CONTINUES...**

6. New Business:

7. Joint WRM 2014-No Update.

8. Golf Tournament 2014- \$22500 surplus after expenses with \$1600 still coming to us. \$10,000 was raised through the raffle. Last year only \$22,000 was raised.

9. CSULB Student update was given by Kim George. A big thank you to LASPE for the Golf Tournament and the invite to play. Requested \$75 for member meetings to pay for pizza and reimbursement for conference in Denver

UCI update by Asim Sakour-UCI went to Orange County Science Fair on behalf of SPE. Student tour of THUMS Island arranged for Monday May 19<sup>th</sup>. UCI also has receipts for reimbursement for Joint Conference in Denver and thanks LASPE for their continued support.

10. 2015 WRM Kickoff. SPEI will provide certificate of insurance to hotel, not vice versa. To decide the theme email ideas to Baldev. A spreadsheet with names suggestions for committee chairs will be sent to BOD members. Both the theme and committee chairs will be decided by the end of May. 250 registrants are expected based on past WRM. 2 rooms will be reserved for the conference.

11. June 1<sup>st</sup> Annual Report- Devon Shay is waiting for Kim George from CSULB. Kim will send update by May 18<sup>th</sup>.

12. Treasurers report made by Rick Finken and Ali Kahn. New petroleum Club representative is Tara Becker. April expenses were exceeded by \$32409. We are expecting an additional \$1600 in income from the Golf Tournament that is not included in the April figures

WRM Bank account is to be opened immediately after May Forum. The fund is to be accessed by Baldev Gill and Ted Frankiewicz. The money for this account is to come from the profit of the 2013 WRM in Monterrey . Motion to approve was made by Uduak Ntuk, seconded by Brian Tran. Motion for a vote was made by Baldev Gill and Seconded by Ali Kahn. Motion approved

13. Scholarship applications are ope. Can be accessed from main website. Applications are due June 30<sup>th</sup>. Mailbox will be monitored while Brian is on vacation.

14. Regional Mesa Days-Scott Hara is not present.

15. Science Fair update made by Uduak Ntuk - Cal Science Fair Expo at USC. Among the winners was a presenter from Santa Clara with a experiment on saltwater fracking and a child from Kern County with a project on flow permeability. Long Beach Science Fair is Saturday May 17<sup>th</sup> from 9am to noon at Cabrillo H.S. Contact Uduak to volunteer.

16. Section Activities:

a) Update on June Horizontal Drilling Workshop given by AB Abdulrahman. So far nine people are signed up for the workshop

b) Young Professionals-Jovy is leaving and Sergei will take over

**Adjournment**

Meeting was adjourned at 11:29am

Kim George, CSULB SPE President and Temp Secretary

On behalf of Christian Vaccese Board Member and Secretary

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Gary N. Clark, Ph.D., CFP

## 2013-2014 LASPE OFFICERS & BOARD

| Name                     | Position                                | E-mail   |
|--------------------------|---|--|
| Dr. Eric Withjack        | Senior Past chair                       | <a href="mailto:dremmw@yahoo.com">dremmw@yahoo.com</a>                           |
| Dr. Steve Cheung         | Junior Past Chair                       | <a href="mailto:steveior@yahoo.com">steveior@yahoo.com</a>                       |
| Baldev Gill              | LASPE Chairperson 2013-2014             | <a href="mailto:Baldev.Gill@longbeach.gov">Baldev.Gill@longbeach.gov</a>         |
| Dr. Ted Frankiewicz      | Vice Chair - Board member through 2015  | <a href="mailto:tfrankiewicz@specservices.com">tfrankiewicz@specservices.com</a> |
| Ali Khan                 | Treasurer through 2015                  | <a href="mailto:akhan@conservation.ca.gov">akhan@conservation.ca.gov</a>         |
| Rick Finken              | Vice-Treasurer                          | <a href="mailto:rdfinken@gmail.com">rdfinken@gmail.com</a>                       |
| Christian Vaccese        | Secretary - Board member through 2014   | <a href="mailto:c.vaccese@gmail.com">c.vaccese@gmail.com</a>                     |
| Robert Schaaf            | Board member through 2016               | <a href="mailto:robert_schaaf@oxy.com">robert_schaaf@oxy.com</a>                 |
| Uduak Ntuk               | Board member through 2014               | <a href="mailto:uduak.ntuk@longbeach.gov">uduak.ntuk@longbeach.gov</a>           |
| Brian Tran               | Board member through 2016               | <a href="mailto:Brian.Tran@Bakerhughes.com">Brian.Tran@Bakerhughes.com</a>       |
| Dr. Reza Rastegar        | Board member through 2015               | <a href="mailto:Reza_Rastegar@oxy.com">Reza_Rastegar@oxy.com</a>                 |
| <b>Committee Chairs</b>  |   |  |
| Robert Schaaf            | Award                                   | <a href="mailto:robert_schaaf@oxy.com">robert_schaaf@oxy.com</a>                 |
| Dr. Reza Rastegar        | Forum and Program co-chair              | <a href="mailto:Reza_Rastegar@oxy.com">Reza_Rastegar@oxy.com</a>                 |
| Dr. Ted Frankiewicz      | Forum and Program co-chair              | <a href="mailto:tfrankiewicz@specservices.com">tfrankiewicz@specservices.com</a> |
| Rich Manuel              | Golf                                    | <a href="mailto:rmanuel@mindspring.com">rmanuel@mindspring.com</a>               |
| Uduak Ntuk               | Community Outreach/STEM                 | <a href="mailto:uduak.ntuk@longbeach.gov">uduak.ntuk@longbeach.gov</a>           |
| Dr. Sam Sarem            | Membership                              | <a href="mailto:Sam4IPRC@aol.com">Sam4IPRC@aol.com</a>                           |
| Dr. Iraj Ershaghi        | Publication Mentor                      | <a href="mailto:ershaghi@usc.edu">ershaghi@usc.edu</a>                           |
| Brian Tran               | Scholarship                             | <a href="mailto:Brian.Tran@Bakerhughes.com">Brian.Tran@Bakerhughes.com</a>       |
| Devon Shay               | Student Chapter Liaison                 | <a href="mailto:DShay@SHPI.net">DShay@SHPI.net</a>                               |
| Dr. Jalal Torabzadeh     | Student Chapter Advisor - CSULB         | <a href="mailto:jalal.torabzadeh@csulb.edu">jalal.torabzadeh@csulb.edu</a>       |
| Kim George               | Student Chapter President - CSULB       | <a href="mailto:kimgeorge3@hotmail.com">kimgeorge3@hotmail.com</a>               |
| Dr. Iraj Ershaghi        | Student Chapter Advisor – USC           | <a href="mailto:ershaghi@usc.edu">ershaghi@usc.edu</a>                           |
| Lawrence Bustos          | Student Chapter President - USC         | <a href="mailto:USCstudents@spemail.org">USCstudents@spemail.org</a>             |
| Dr. Frank Shi            | Student Chapter Advisor - UCI           | <a href="mailto:fgshi@uci.edu">fgshi@uci.edu</a>                                 |
| Asim Shakour             | Student Chapter President - UCI         | <a href="mailto:ashakour@uci.edu">ashakour@uci.edu</a>                           |
| A.B. Gorashi             | Training                                | <a href="mailto:goras9@aol.com">goras9@aol.com</a>                               |
| Jovy Kroh                | Young Professional                      | <a href="mailto:jkroh@shpi.net">jkroh@shpi.net</a>                               |
| Dr. Eric Withjack        | Nominations                             | <a href="mailto:dremmw@yahoo.com">dremmw@yahoo.com</a>                           |
| Larry Gilpin             | Newsletter & Website Editor / Publisher | <a href="mailto:Larry@4thForge.com">Larry@4thForge.com</a>                       |
| Tom Walsh                | WNAR Director 2012-2015                 | <a href="mailto:twalsh@petroak.com">twalsh@petroak.com</a>                       |
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