Dear Fellow SPE Members,

Time flies, it is June already and summer is upon us! Wish all safe enjoyable summer vacations.

Before you finalize your vacation dates, I hope you will consider saving June 11 and July 12 for two very special lunch time talks. As I mentioned before, we are in the Monterey Shale formation area which can be a huge “Black Gold” mine. That may mean job and business opportunities for many of us in the future. In order for us to become more knowledgeable on the topic, we have scheduled two events: one on June 11, and a special one on July 12 (Friday). Please reserve those days and let us all learn together (See articles in the newsletter for more details).

This year, our section is awarding a record number of scholarships. We had 14 applicants last year and it soared to 31 this year. The Board has been worrying how to respond to such an un-expected high demand. Luckily, our Golf Tournament Committee worked very hard and came through with a highly successful fund-raising. Thanks from the bottom of my heart to Rich Manuel, Scott Walker, Juan Santillan and the other Golf Tournament committee members! We are also grateful to Petrotechnical Resources of Alaska, ChemEOR, Luna & Glushon, PTS Laboratories, and BakerHughes for their generous support of the Technology Happy Hour event that has partially supplemented our Scholarship fund. Also want to thank Mr. Robert Visser, our respected Assistant Treasurer, who has been donating to the scholarship fund every year. I need to

continued on page 2...

PETROLEUM TECHNOLOGY FORUM, JUNE 11TH
The next Petroleum Technology Forum, is on Tuesday, June 11 at the Long Beach Petroleum Club. The speaker will be Dr. Dan Tormey from Cardno ENTRIX. Details follow on page 3 ...
especially thank Ms. Nazee Heda, our Scholarship Committee chair. Her non-stop enthusiastic plea to the Board has made the difference. Of course, the generous support of the Board Directors is deeply appreciated. As a result of all hard work and tough decisions of these awesome people, I am happy to report we are able to award scholarship to all qualified applicants. Please come to the award ceremony on June 11 at 11:30 AM to celebrate and congratulate the award winners. To those who won scholarships, we are very happy for you and very proud of you!

A lot has happened in the month of May. The most important event to me was the visit from our esteemed SPE Regional Director, Tom Walsh! He woke up 4 o’clock in the morning in freezing cold to catch a flight from Alaska to visit us. He attended our Technology Happy Hour and participated in the LASPE Golf Tournament in the 90 degree heat. Tom, we are truly honored and hope you will visit us again.

Two other important events deserve special mention. Among our members, Eric Withjack, Marina Voskanian, Ted Frankiewicz, and Behnam Jafarpour have won their well-deserved SPE Regional Awards. From the USC student chapter, Shahram Farhadi Nia and Qianru Qi won the highly competitive SPE STAR scholarship. Eric, Marina, Ted, Behnam, Shahram, and Qianru, a big congratulation to you!

Wish all a safe and joyful summer, and look forward to seeing you in the meetings,
Steve Cheung
Chairperson 2012-2013
SteveIOR@yahoo.com

Thank you note from Tom Walsh, WNAR Director

I sincerely wish to thank SPE LA Basin Section Chair, Steve Cheung, and many others who made my recent visit to LA very rewarding and enjoyable.

I was thrilled to attend the Technology Happy Hour on May 2, at the Long Beach Petroleum Club. I met many section members at this informative event, and was enlightened on a number of topics of interest to your section, and of broader global interest. The cross-section of attendees was remarkable, ranging from petroleum engineering students to distinguished retirees.

The following day I enjoyed participating in the annual section golf tournament, fundraiser and banquet. This was a spectacular event, with 244 participants and seemingly nearly as many dedicated volunteers. My foursome, included Scott Hara, Rick Finken, and Rick’s son-in-law Eric Murray. We barely shot under par, but I am certain no foursome had more fun than ours. I got to meet and mingle with a great many section members and industry leaders, and the experience was thoroughly enjoyable. I have played in many volunteer-run golf tournaments, and I was extremely impressed at how well run and fun this tournament was for all participants.

Thank you all for your commitment to SPE, and for being so welcoming and warm during my visit.

Sincerely,
Tom
Abstract
The well completion process of high volume hydraulic fracturing has become a touchstone for opposition to development of oil and gas resources from the shale and coal seam source rocks. In the United States, the process has displaced global climate change as the most controversial environmental policy issue. The concerns have so far been based on few peer-reviewed, quantitative studies, and more on information in films and other media sources, such as Gasland. This study presents the first-ever peer-reviewed study that quantifies the effects of high-volume hydraulic fracturing to 14 different environmental resource categories. The hydraulic fracturing occurred in the center of urban Los Angeles, California.

The Monterey Shale, a productive shale oil play underlying Southern California, is a current exploration target that would require the use of high-volume hydraulic fracturing to make the deposit economic. Initial efforts to use the technique have led to protests and calls for an outright ban. We conducted a peer-reviewed, comprehensive study of the physical and environmental effects of two specific hydraulic fracturing jobs at an existing oil and gas field in the center of Los Angeles. The objective was to provide factual information supported by a high quality dataset to the policy making. None of the measurements detected a change due to hydraulic fracturing, including microseismic effects, ground motion and induced seismicity, water quality, methane migration, community health, well integrity, fracture containment to the target zone, and others.

Biography
Dr. Tormey is an expert in water and energy. He conducts projects in sediment transport, hydrology, water supply, water quality, and groundwater-surfacewater interaction. He also works with the environmental aspects of all types of energy and energy development. In addition to being the Independent Expert conducting this Hydraulic Fracturing Study, he has also led efforts at comprehensive produced water management planning including beneficial reuse, characterization of chemical packages used in hydraulic fracturing, and land use planning issues associated with new and expanded oil and gas production. Dr. Tormey actively pursues volcanology research around the world, with a focus on interactions between geophysical variables that affect risk assessment, risk preparedness, and contingency planning.

- Ph.D., Geology and Geochemistry, Massachusetts Institute of Technology
- B.S., Civil Engineering and Geology, Stanford University
- Technical Director and Vice President, Cardno ENTRIX, Inc.
- Named by National Academy of Sciences to Science Advisory Board for Giant Sequoia National Monument
- UNESCO World Heritage Site List review committee
- Volcanologist for Red Nacional de Emergencia, an emergency response and contingency organization in Chile.
- Former Executive in Residence, California Polytechnic University San Luis Obispo, USA
LASPE BOD Nomination Announcement

Deadline extended to June 7!

The LASPE is seeking nominees for Board of Directors (BOD) position next year. The term of this position is for 3 years, October 2013 through September 2016. If you would like to be considered for the position, please submit a brief biography emphasizing your education, work experience, petroleum industry related activities and previous involvement in and contribution to SPE, enthusiasm for performing volunteer activities, and availability and commitment to volunteer your time in supporting the LASPE.

Commitment for this position involves attending the monthly BOD meetings, currently held at 10:30 a.m.-12:00 noon on the second Tuesday of each month at the Long Beach Petroleum Club immediately before the monthly LASPE Forums.

In addition, BOD are expected to volunteer to be on one or more local committees such as scholarship, science fair, golf, OCEC, membership, program, etc. It is also expected that the Board members get involved in one SPE national and regional committees such as continuing education, career guidance, editorial, textbook, ATCE, WRM, etc., if called upon to do so.

You will be expected to familiarize yourself with SPE operations using www.spe.org as a guide, help run the local section and represent the local members in the regional and national SPE affairs. You also need to familiarize yourself with LASPE bylaws which can be found on the section website: www.laspe.org.

On the last year of your BOD membership, you may be asked to be the Vice Chair of the section, which will qualify you to be a candidate for the chairmanship of the section the following year.

LASPE is looking forward to receiving your biography and any other pertinent information you feel will assist in evaluating your candidacy to become a BOD. Please submit your biography to the email address listed below no later than Friday June 7, 2013. Biographies received after this date will not be considered.

If you have any questions or if you would like to apply, please contact Serge Baghdikian at: serge.baghdikian@longbeach.gov

Serge Baghdikian
On behalf of the LASPE Nomination Committee
Abstract
Hydraulic fracturing of horizontal wells has been the dominant technology of the last decade. This presentation briefly discusses the key technical aspects of fracture initiation and extension in horizontal wells and some of the popular completion systems in use by the industry.

Biography
Dr. Ali Daneshy is president of Daneshy Consultants International. He also teaches a graduate course on hydraulic fracturing at the University of Houston. He has over 40 years of experience on all aspects of hydraulic fracturing and published over 50 technical papers on the subject. He is an SPE Distinguished Member and recipient of its Distinguished Service Award for his contributions on hydraulic fracturing. He has a Ph. D. in Mining Engineering (Rock Mechanics) from University of Missouri-Rolla.

- PTTC WORKSHOP -

Fishing Tools and Techniques
Long Beach: July 16, The Grand, 4101 East Willow Street

This workshop will present basic concepts applicable to fishing stuck pipe and/or debris out of a well, and is based on the UT at Austin Petroleum Extension workbook which is included in the cost of the workshop.

The workbook is primarily focused on cased hole fishing, but the tools and techniques discussed also apply to open hole.

The workshop is intended for technical people desiring to obtain basic knowledge of fishing operations. Basic calculations required for fishing operations will be done during the workshop and participants should bring a calculator (non-solar calculator recommended).
The workshop will present basic well control concepts applicable to drilling and workover operations, and is based on the UT at Austin Petroleum Extension workbook which is included in the cost of the workshop. The workshop is intended for technical personnel desiring to obtain basic knowledge on controlling formation pressures during drilling and workover operations. Basic calculations required for well control operations will be done during the workshop and participants should bring a calculator (non-solar calculator recommended).

**7:30 a.m. Registration**
**8 a.m. Workshop Presentation by Val Lerma**
1. Introduction
2. Well Pressures
   a. Overburden, Formation, and Fracture
   b. Static Pressures-Hydrostatic and Surface
   c. Dynamic Pressures-Frictional Pressures and ECD
   d. Swab and Surge Pressures and Trip Margins
3. Causes and Indications of a Kick
4. Controlling a Kick
5. BOPE, and Ancillary Equipment
6. Summary and Conclusions

**3 p.m. Adjourn**

**Registration and Payment**
The workshop fee of $160 includes workshop, materials, refreshments, and lunch. Please register online, and make payment at this link: [http://www.pttcwestcoast.org/index.cfm?fuseaction=lis_event_detail&event_id=10](http://www.pttcwestcoast.org/index.cfm?fuseaction=lis_event_detail&event_id=10) or made by check to “PTTC”; or you can contact us by phone with your Discover, Visa or MasterCard only.

PTTC West Coast, 5100 California Ave, Suite 200, Bakersfield, CA 93309-0726
Phone: PTTC West Coast at (661) 635-0556.

**Presenter**
Val Lerma has worked in the oil industry for over 30 years. Her experience includes drilling, reservoir, and production engineering, as well as management. She has a BS and MS in Petroleum Engineering from USC, and an MBA from California Lutheran University. She taught the drilling engineering course at USC for 7 years, and is currently the Business Development Manager for Orchard E&P, LLC.
LASPE 2013 CHARITY GOLF TOURNAMENT REPORT

This year’s tournament was a great success, selling out for the first time in several years. Tom Walsh, the Society of Petroleum Engineers North American Western Regional Director traveled from Anchorage to play and to participate in the festivities. Steve Cheung, LASPE chairperson, also attended to show support. The day was hot, but a nice breeze kept everyone cool and comfortable. The Tournament committee made sure everything ran smoothly and student volunteers from Cal State University at Long Beach helped sell raffle tickets and did their part on the course and at the banquet.

Registration started at 10:30, the BBQ at 11:00 and the shotgun start at 1:00. The banquet, tournament awards and mega-raffle with over $11,000 in prizes started at 6:00. Everyone had a great time.

The BBQ was great as usual and Weatherford generously supplied everyone with drinks and snacks to enjoy during play.

This annual tournament is LASPE’s main fundraiser and supports our scholarship program, student support to attend SPE Regional and National Conferences and outreach programs promoting the petroleum industry to our local communities. This year, with everyone’s participation, the tournament netted over $22,000 in surplus funds to be used to support LASPE’s programs in the coming year.

Thanks to the hard-working, fun-loving Tournament Committee and all the golfers who came out for a great day!
PHOTOS FROM MAY 2 FORUM

THE TECHNOLOGY HAPPY HOUR(S)
MORE PHOTOS FROM MAY 2 FORUM

THE TECHNOLOGY HAPPY HOUR(S)
LASPE WINS BIG AT THE SPE REGIONAL MEETING

Four members of our Los Angeles Basin section won the prestigious SPE Regional Award this year and were presented with the awards during the Western Regional Meeting at the beautiful Monterey last month. We should be very proud as our section is way ahead of other sections in terms of the number of award per member.

The local winners are:
- Dr. Ted Frankiewicz from SPEC Services for Projects, Facilities and Construction Award,
- Ms. Marina Voskanian from the California State Lands Commission for HES, Environment, and Social Responsibility Award,
- Dr. Behnam Jafarpour from USC for Distinguished Achievement Award for Petroleum Engineering Faculty, and
- Dr. Eric Withjack from PTS Laboratories for the Service Award.

The other Regional Award winners are:

<table>
<thead>
<tr>
<th>Region</th>
<th>Winner</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska</td>
<td>Jennifer Julian</td>
<td>Completions Optimization and Technology Award</td>
</tr>
<tr>
<td>Alaska</td>
<td>Douglas Hupp</td>
<td>Formation Evaluation Award</td>
</tr>
<tr>
<td>Golden Gate</td>
<td>Guo-Qing Tang</td>
<td>Reservoir Description and Dynamics Award</td>
</tr>
<tr>
<td>SJV</td>
<td>Rakesh Trehan</td>
<td>Production and Operations Award</td>
</tr>
<tr>
<td>SJV</td>
<td>Andrei Popa</td>
<td>Service Award</td>
</tr>
<tr>
<td>SJV</td>
<td>Reza Rastegar</td>
<td>Young Member Outstanding Service Award</td>
</tr>
<tr>
<td>SJV</td>
<td>Keith Kostelnik</td>
<td>Young Member Outstanding Service Award</td>
</tr>
<tr>
<td>SJV</td>
<td>AERA Energy</td>
<td>Distinguished Corporation Award</td>
</tr>
<tr>
<td>Santa Maria</td>
<td>Vega Sankur</td>
<td>Service Award</td>
</tr>
</tbody>
</table>

The competition was very keen this year. Some qualified nominees were not awarded only because SPE policy restricted the number of awards, and there were many nominations.

As you noticed, Aera Energy got the Distinguished Corporation Award. One of the reasons given in the nomination was that Dr. Behrooz Fattahi and his colleagues went out of their way to help us plan and execute the successful Cross-generational Softskill workshop. We are very happy for them. We congratulate them and with deep appreciation.

Next time you see these award winner, please remember to congratulate them, and tell them we are very proud of them.
MORE PHOTOS OF LASPE SPE REGIONAL Awardees
CSULB STUDENT CHAPTER REPORT ON WRM

On behalf of the Society of Petroleum Engineers Student Chapter at the California State University of Long Beach, I would like to say thank you for making it possible for our executive board to attend the Western Regional Meeting in Monterey, California. It was a short trip, but nonetheless it was very fun and informative.

To start, the student paper contest was incredible. There were students of Bachelors, Masters, and PhD level from various schools presenting their research involving oil fields in and around California. The participants were truly inspirational with their commitment and devotion to the industry. All the presentations gave encouragement to our student chapter to hopefully participate in the coming paper contests, since we will now have more time to prepare.

We were amazed with the connections we were able to make with professionals in the industry. Many companies were impressed with the fact that although we did not have a petroleum engineering program on campus, we were still very interested in the industry and were able to revive the SPE Student Chapter. Our board consists of various engineering disciples, so it was great to observe and learn how the petroleum industry relates to all engineering fields. We were able to receive a large amount of information in just a few days!

To conclude the meeting, our board was able to attend the section board members event where we were able to learn more about what events were coming up in the SPE sections around California, and we also got to hear from Tom Walsh, the Western North America Regional Director, on his plans for this upcoming year.

The SPE Western Regional Meeting provided a great environment, and every one we spoke to gave us time and attention. We were able to meet with students from many universities and discuss some topics involving the industry. The exhibits were great for networking and we all made contacts that we could get in touch with in the near future.

Again, the California State University of Long Beach SPE Student Chapter would like to thank the LA Basin SPE Professional Chapter for their continued support and funding. Without their help our students would not be able to make it to these great professional events such as the SPE Western Regional Meeting.

Sincerely,
Erik Renteria
CSULB SPE Student Chapter President
2013 SCHOLARSHIP REPORT

At the May 14, 2013 Board Meeting, The Scholarship Committee presented its recommendations for the award of Dr. Bruce W. Davis Memorial (USC), Robert and Elly Visser, Graduate, Undergraduate, and Mei Chang scholarships. A total of $27,000 is being awarded for the 2013/2014 school year. We are pleased to announce the following scholarship award winners:

**Dr. Bruce W. Davis Memorial (USC):**
- Hasan Shojaei  USC  $1000
- Tayeb Ayatollahy Tafti  USC  $1000

**Robert and Elly Visser:**
- Khodabakhshnejad, Arman  USC  $1000
- Farhadi Nia, Shahram  USC  $1000
- Yadecuri, Mohammad Evazi  USC  $1000
- Javaheiri, Mohammad  USC  $1000
- Hakim Elahi, Siavash  USC  $1000
- Sherafati, Marjan  USC  $1000
- Golmohammadizangabad, Azarang  USC  $1000
- Jahandideh Koudehi, Atefeh  USC  $1000
- Navabi Sohi, Shivasadat  USC  $1000
- Punjabi, Soham  USC  $1000
- Dhindhwal, Kulbir Singh  USC  $1000
- Malek, Minoo  USC  $1000
- Haris, Zameel Mohammad  USC  $1000
- Olabiyi, Sulaiman, Olaiwola  USC  $1000
- Wang, Zelong  USC  $1000
- Wong, Jonathon, Tin Ho  USC  $1000
- Wu, Hao  USC  $1000
- Yu, Qiushi  USC  $1000
- Samnejad, Mahshad  USC  $1000
- Nawaz, Shawar  USC  $1000
- Cannon, Robert, Thayer  USC  $1000

**Graduate:**
- Sutil, Katya  Oxford Academy High school  $500
- Baghdikian, Tiana  Canyon High school  $500

**Mei Chang Scholarship:**
- Nguyen, Sophie  Huntington Beach High school  $500

Scholarship awards will be presented to the students at the LASPE Monthly Technology Forum on June 11th, 2013 at 11 am at the Long Beach Petroleum Club.

LASPE’s Scholarship program is financed by the golf tournament proceeds plus some reimbursement from SPE International, private donations, and the sponsors of the Technology Happy Hour event.
LASPE SUPPORTS THE SCIENCE OLYMPIAD TEAM AT CANYON HIGH SCHOOL

“Putting the Science in Olympiad”
By Audrey Nguyen

“Now we will announce the top six teams advancing to the State competition,” says the speaker at the podium. The room grows quiet as every Science Olympiad team from around the county shares nervous glances, one question ringing through their minds: Are we going to make it to the next level? Canyon High School is no different: we lock our hands together, waiting for the final result. The speaker announces the sixth place team. Not us. We hold our breaths, our hearts pounding like drums. Then she announces the fifth place winner, and the moment the word “Canyon” rings through the room, we jump up from our seats with triumphant shouts. There is this incredible rush of pride and victory that flows from one person to the next as we descend the steps to receive our trophy. Wearing our team T-shirts, made possible by support from the LASPE, we of course then had to succumb to five straight minutes of smiling for all the parents to take photographs to commemorate the moment. It is a feeling of success, of knowing that all our hard work has paid off to this one moment in our lives.

Of course, getting there was no easy feat. Starting in September 2012, the Canyon Science Olympiad team began to meet on Saturdays in order to study our respective events, confer with event coaches, and bond. The day of the Regionals competition, held at Golden West College on March 1st, 2013, was the true test of our abilities. From nine in the morning until two in the afternoon, pairs of us broke off from our meeting spot to take the tests in our specific events, everything from Anatomy to Chemistry Lab to Rocks and Minerals to Thermodynamics. Fortunately, we placed in the top six in a majority of the events at the awards ceremony, earning us a fifth place spot out of twenty-two schools and thus a ticket to the State competition in April (Thank goodness, since Canyon was to host the State competition for the third year in a row!).

State was only in a matter of weeks, and this time, the stakes were much higher. Going against the top schools from other regions, schools like North Hollywood, Arcadia and Troy, was intimidating to say the least, but that didn't stop us from giving it our best during the tests, which were much more lengthy and challenging this time around. Taking a walk around the Canyon campus, we saw Easy-Ups and barbecues and team members playing Frisbee on the grass. It was like a park, with middle school and high school teams running about and laughing while enduring the agonizing two-hour wait for the results as the proctors graded the tests. In the awards, Canyon placed in the top six in several events including Forensics, Water Quality, and Disease Detectives and did fairly well overall. The hardest part was saying goodbye to the seniors who had been competing with us for so long. Though the journey to the Nationals competition had ended, the experience was without a doubt one to remember. Thanks to the generous contribution from the LASPE, the Canyon Science Olympiad team was able to continue its streak of making it to the State competition by acquiring the necessary materials to build the props for the engineering events such as Gravity Vehicle, Maglev (magnetically-levitated vehicle), and Robot Arm. LASPE also contributed to the overall team dynamic as funds were used to provide T-shirts for us to wear, proudly displaying our school's name as well as the SPE logo. Special thanks go to LASPE members Serge Baghdikian and John Jepson who helped coach and mentor students in chemistry, geology, and engineering focused events.

On behalf of the Canyon High School Science Olympiad team, a big thank you to LASPE!
ANOTHER GREAT THUMS ISLAND TOUR

Thanks to OXY THUMS, Long Beach, another great trip to visit the White Production Island was sponsored and coordinated by our "guide," LASPE's Vice Chair, Baldev Gill. The group were students from various CSULB Engineering departments. Also section members John Jepson, Eric Withjack and Christian Vaccese were present. Please enjoy the beautiful photos reflecting the pristine environment and great interest of the visitors.
MORE PHOTOS OF THUMS ISLAND TOUR
**SELECTED SPE UPCOMING EVENTS 2013 - 2014**

<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 11*</td>
<td>“Fracking in Los Angeles: First Ever Compressive Environmental</td>
</tr>
<tr>
<td></td>
<td>Monitoring of Two High Volume Hydraulic Fracturing Jobs” by Dan</td>
</tr>
<tr>
<td></td>
<td>Tormey; plus LASPE scholarship award presentation (11:30 a.m.)</td>
</tr>
<tr>
<td>June 27</td>
<td>Controlling Formation Pressure - Long Beach by PTTC</td>
</tr>
<tr>
<td>July 12</td>
<td>“Horizontal Well Hydraulic Fracturing - the key of success to produce from</td>
</tr>
<tr>
<td></td>
<td>non-conventional reservoirs” by Ali Daneshy (Friday) at the Grand</td>
</tr>
<tr>
<td>July 17</td>
<td>Fishing Operations – Long Beach by PTTC</td>
</tr>
<tr>
<td>Sept 10*</td>
<td>“The Unconventionals of California” by Iraj Ershaghi</td>
</tr>
<tr>
<td>Sept 10-12</td>
<td>SPE workshop “Performance and Design of Water Injector Wells Requiring Sand</td>
</tr>
<tr>
<td></td>
<td>Control” (San Diego).</td>
</tr>
<tr>
<td>Sept 11-13</td>
<td>SPE workshop on “Hydraulic Fracture Mechanics Consideration for Unconventional</td>
</tr>
<tr>
<td></td>
<td>Reservoirs” (Palos Verdes)</td>
</tr>
<tr>
<td>Sept 29 – 3</td>
<td>SPEI Annual Technical Exhibit and Conference, New Orleans</td>
</tr>
<tr>
<td>Oct 8 week*</td>
<td>“Revitalization of Mature Waterflood” Panel Discussion</td>
</tr>
<tr>
<td>Oct 20-25</td>
<td>SPEI Forum “Artificial Lift in Deep Water”, Rancho Mirage CA</td>
</tr>
<tr>
<td>Nov 12*</td>
<td>“Perforating for Inflow Performance in Natural Completions“ by Mark</td>
</tr>
<tr>
<td></td>
<td>Brinsden (DL)</td>
</tr>
<tr>
<td>Jan 13</td>
<td>“Slugging in Pipelines: What you need to know“ by Mona Trick (DL)*</td>
</tr>
<tr>
<td></td>
<td>(Monday)</td>
</tr>
<tr>
<td>May 13*</td>
<td>“Hydraulic Fracturing Myths, Reality and Environmental Stewardship</td>
</tr>
<tr>
<td></td>
<td>Through Better Chemistry“ by Daniel Daulton (DL)*</td>
</tr>
</tbody>
</table>

Note: * LASPE Board meeting starts at 10:30 a.m. and all members are welcome to observe.
JUNE 1, 2013 LASPE NEWSLETTER

LASPE BOARD MEETING MINUTES
BOARD OF DIRECTORS MEETING, APRIL 9, 2013

Attendance:
Mike Utt, Senior Past Section Chair
Eric Withjack, Junior Past Chair
Steve Cheung, Section Chair
Baldev Gill, Section Vice Chair - Proxy
Nazee Heda, Board Member through 2013 - Chair Scholarship
Serge Baghdikian, Board Member through 2014 - Nomination Chair
Ted Frankiewicz, Board Member through 2015 - Proxy
Jaime Villatoro, Board Member through 2015
Christian Vaccese, Board Member through 2014 - Secretary
Rick Finken - Treasurer
Scott Hara, Outreach
Mark Ojo - USC Student Chapter President
Vanessa Perez, Nomination Chair
Jalal Torabzadeh, CSULB Student Chapter Advisor – Not Present
Sam Sarem, Chair, Membership and Awards Committee – Not Present
Robert Visser, Assistant Treasurer - Not Present
Leila Vlasko - Forum & Program co-chair - Not Present
AB Gorashi Abdulrahman, Continuing Education Committee Chair
Robert Cannon - USC Event Coordinator - Not Present

Proceedings:

1. The meeting was called to order at 10:40 AM. A quorum was met, Eric Withjack, Serge Baghdikian, Ted Fakiewicz, provided proxy.

2. Agenda approved.

3. Mike Utt moved that the March 13th 2013 meeting minutes be approved. Nazee Heda seconded the motion. All approved.

4. Reports:
   a) For April 2013, expenses exceeded income by $6,560. The single income item was $415 from the Cross Generational Workshop. Expenses included the cost of the special board meeting on March 13th ($328), Cross General Workshop ($1,264), MESA Community Outreach backpacks ($3,397), California Science Fair awards ($600), Newsletter, website and special mailings ($812), frames for Science Fair awards ($33) and $543 for the February Young Professional event.
   b) Banking Resolution signed by the LASPE Treasurer and Secretary to communicate to the bank the new signatory of the LASPE Checking Account Mr. Steve Cheung. Mike Utt made the motion, Nazee Heda seconded. Approved
   c) Banking Resolution signed by the LASPE Treasurer and Secretary to communicate to the bank the new signatory of the LASPE Checking Account Mr. Steve Cheung. Mike Utt made the motion, Nazee Heda seconded. Approved

5. Old Business:
   a) WRM13 as of March 20 we had already 75 SPE attendees expecting more since the deadline is April 12; important lunch to attend with SPE Awards; the Golden Gate Section is requesting our help for seeking exhibitors and sponsors.
b) SRM14 we are looking for volunteers, Rick Finken is helping with the Treasury and Christian Vaccese with the Exhibition. The Super Regional Meeting will take place in Denver on April/May 2014; the Rocky Mountain Regional Section is providing $56,000 to finance the event while the Western Region Sections will need to provide $24,000.

c) WRM15: we are looking for volunteers to help organize. 2015 will be also the 60th LASPE Anniversary.

6. New Business:
   a) The next Board Meeting is going to be on May 14th at 10:30 am. Eric Withjack made the motion and Mike Utt seconded. Approved
   b) SPE Annual Report due date June 1st, to be uploaded on the SPEI website. Every delegates have to send their report’s part to Steve before May 24.
   c) THUMS Tour we are still evaluating the best dates with CSULB and Baldev Gill. We are expecting 27 attendees.

7. Section Activities:
   a) Technology Happy Hour Event: May 2nd 4pm-7pm with an updated speaker list and Mentoring Table Session with different speakers and topics, the mentoring table will be set up outside in the pool area. New table added at the existing list with the topic "Urban Oilfield Challenge”.
   b) Golf Tournament, everything is set up, we are in the process of contacting people to reach the max. participants. It is going to be held on May 3rd and there are more information in the website as well as the enrollment instruction.
   c) Scholarship Committee: we have total of 31 scholarship candidates with 23 graduate students, 5 undergraduate candidates and 3 High School candidates. We are evaluating among 3 options: a) $27,000 for 31 candidates, b) $23,000 for 27 candidates, c) only the budgeted amount of $14,000. The decision will be taken at the next Board of Directors meeting on May 14 based on our available budget.
   d) MESA update: next appointment is for April 13, the high school MESA Day will be at CSU Los Angeles, SPE volunteers and judges ready to go; MESA is looking for teachers to train in order to do presentations regarding Energy topics.
   e) Membership Committee: keeping track of the membership status every month. We have made good progress in order to achieve our goals of exceeding the SPEI 96% membership retention and exceeding the SPEI membership growth of 6%;
   f) Awards Committee: the goals were set in November by the Awards Committee as follow: a) 10+ local (LASPE) nominations, b) 5+ (OCEC) nominations, c) 5+ Regional (WNAR) nominations, d) 5+ International (SPEI) nominations. So far, the goals have been exceeded for the OCEC and WNAR. We are working in gathering information for the SPEI. For the local SPE awards we need LASPE BOD action at this time. So far we have given the past Chair awards, but the BOD/Chair needs to determine what others awards should be given.

8. The meeting was adjourned at 11:40 AM.

Christian Vaccese, LASPE 2012-2013 Secretary and Board Member
SERVICES OFFERED

DAVID B. DEL MAR
Consulting Petroleum Geologist
California Registered Geologist #634
Development - Thermal EOR - Property Reviews
2027 Park Drive, Los Angeles, CA 90026
C (323) 219-3804 H (323) 664-3358
dbdelmar@gmail.com

68% Pass 2012 Petroleum PE Exam
NCEES and the State Engineering Boards released their 2012 Professional Engineering Exam results in February. Nationwide, the Petroleum Engineering Exam recorded a 68% pass rate. The Petroleum first time takers passed at a 79% rate. The estimated pass rates of a few other engineering disciplines were:
- Chemical 58%
- Civil 56%
- Electrical 58%
- Environmental 55%
- Mechanical 64%
- Nuclear 56%

Agricultural 71%
Fire Protection 52%
Industrial 74%
Metallurgical 48%
Mining 70%
Control Systems 71%

The Petroleum pass rates in 2012 for a few states:
- Alaska: 100%
- California: 57%
- Colorado: 88%
- Louisiana: 71%
- Oklahoma: 88%
- Texas: 67%

What are the requirements to take the Petroleum PE Exam? Today, California requires that you have:
1. An engineering, math or science degree.
2. Passed the Fundamentals, or EIT Exam.
3. At least four years of professional experience.

Interested? Contact the California State Engineering Board at (916) 263-2230 for application forms. State web sites are also available at: www.ncees.org/licensure/licensing_boards. The California application deadline to take this years PE Exam is May 1, 2013. This year’s test will be given on Friday, October 25, 2013.

PROFESSIONAL REGISTRATION REVIEW COURSE FOR PETROLEUM ENGINEERING

COURSE DESCRIPTION: The Course covers most topics that are found on the State Board Petroleum Engineering Professional Examination.

WHO SHOULD ATTEND: Engineers who are planning on taking the PE Examination in Petroleum Engineering this fall. INSTRUCTOR: Bing Wines, PE

LOS ANGELES COURSE (8:00 AM - 6:00 PM)
Tuesday through Friday
September 3 – September 6, 2013

For More Information: 405-822-6761
E Mail: bingwines@cox.net
Web Site: winrockengineeringinc.com
WINROCK ENGINEERING, INC.
P. O. BOX 42296 OKLAHOMA CITY, OK, 73123

Please notify SPE Headquarters directly with change of address: P.O. Box 833836, Richardson, TX 75083 Tel: (800) 456-6863 Fax: (972) 952-9435 or go to http://www.spe.org/mbrservices/index.cfm We appreciate your feedback. Send your comments/suggestions/contributions to Larry Gilpin, Editor: larry@4thforge.com

PAGE 20
## 2012-2013 LASPE OFFICERS & BOARD

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mike Utt</td>
<td>Senior Past chair</td>
<td><a href="mailto:mikeutt@roadrunner.com">mikeutt@roadrunner.com</a></td>
</tr>
<tr>
<td>Dr. Eric Withjack</td>
<td>Junior Past chair</td>
<td><a href="mailto:dremmw@yahoo.com">dremmw@yahoo.com</a></td>
</tr>
<tr>
<td>Dr. Steve Cheung</td>
<td>Chair</td>
<td><a href="mailto:steveelor@yahoo.com">steveelor@yahoo.com</a></td>
</tr>
<tr>
<td>Baldev Gill</td>
<td>Vice-chair</td>
<td><a href="mailto:Baldev.Gill@longbeach.gov">Baldev.Gill@longbeach.gov</a></td>
</tr>
<tr>
<td>Nazee Heda</td>
<td>Board member through 2013</td>
<td><a href="mailto:Nazee.Heda@slc.ca.gov">Nazee.Heda@slc.ca.gov</a></td>
</tr>
<tr>
<td>Dr. Serge Baghdikian</td>
<td>Board member through 2014</td>
<td><a href="mailto:serge.baghdikian@longbeach.gov">serge.baghdikian@longbeach.gov</a></td>
</tr>
<tr>
<td>Christian Vaccese</td>
<td>Board member through 2014</td>
<td><a href="mailto:c.vaccese@gmail.com">c.vaccese@gmail.com</a></td>
</tr>
<tr>
<td>Dr. Ted Frankiewicz</td>
<td>Board member through 2015</td>
<td><a href="mailto:tfrankiewicz@specserservices.com">tfrankiewicz@specserservices.com</a></td>
</tr>
<tr>
<td>Jaime Villatoro</td>
<td>Board member through 2015</td>
<td><a href="mailto:j_villa_07@yahoo.com">j_villa_07@yahoo.com</a></td>
</tr>
<tr>
<td>Christian Vaccese</td>
<td>Secretary</td>
<td><a href="mailto:c.vaccese@gmail.com">c.vaccese@gmail.com</a></td>
</tr>
<tr>
<td>Rick Finken</td>
<td>Treasurer</td>
<td><a href="mailto:rdfinken@gmail.com">rdfinken@gmail.com</a></td>
</tr>
<tr>
<td>Robert Visser</td>
<td>Assistant Treasurer</td>
<td><a href="mailto:rcvbelmar@aol.com">rcvbelmar@aol.com</a></td>
</tr>
</tbody>
</table>

### Committee Chairs

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sam Sarem</td>
<td>Award</td>
</tr>
<tr>
<td>Leila Vlasko</td>
<td>Forum and Program co-chair</td>
</tr>
<tr>
<td>Dr. Ted Frankiewicz</td>
<td>Forum and Program co-chair</td>
</tr>
<tr>
<td>Rich Manuel</td>
<td>Golf</td>
</tr>
<tr>
<td>Scott Hara</td>
<td>Community Outreach</td>
</tr>
<tr>
<td>Dr. Sam Sarem</td>
<td>Membership</td>
</tr>
<tr>
<td>Dr. Serge Baghdikian</td>
<td>Nomination</td>
</tr>
<tr>
<td>Dr. Iraj Ershaghi</td>
<td>Publication Mentor</td>
</tr>
<tr>
<td>Nazee Heda</td>
<td>Scholarship</td>
</tr>
<tr>
<td>Devon Shay</td>
<td>Student Chapter Liaison</td>
</tr>
<tr>
<td>Dr. Jalal Torabzadeh</td>
<td>Student Chapter Advisor - CSULB</td>
</tr>
<tr>
<td>Erik Renteria</td>
<td>Student Chapter President - CSULB</td>
</tr>
<tr>
<td>Dr. Iraj Ershaghi</td>
<td>Student Chapter Advisor – USC</td>
</tr>
<tr>
<td>Mark Ojo</td>
<td>Student Chapter President - USC</td>
</tr>
<tr>
<td>A.B. Gorashi</td>
<td>Training</td>
</tr>
<tr>
<td>Jovy Kroh</td>
<td>Young Professional</td>
</tr>
<tr>
<td>Larry Gilpin</td>
<td>Newsletter &amp; Website Editor / Publisher</td>
</tr>
<tr>
<td>Tom Walsh</td>
<td>WNAR Director 2012-2015</td>
</tr>
<tr>
<td>SPE Contact for Sections</td>
<td></td>
</tr>
</tbody>
</table>

SPE Contact for Sections: sections@SPE.org