

Los Angeles Basin Section Society of Petroleum Engineers

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

A Message from the Chair



Score Card, Scholarships, New Chair and Thank You.

Dear Fellow SPE Members,

I hope you all enjoyed the summer vacation and our ready for a new year of service and offerings from the LA SPE section. It is has been an exciting one year for me as I hand-off the Chair position to my colleague Dr. Ted Frankiewicz, a more comprehensive write-up of Ted and his accomplishments are included in the newsletter. What I can say is Ted is committed to continuing with the work that has been done this past year and ensuring the continued success of the section, whilst providing new ideas.

When I became Chair I had some priorities which I wanted to achieve over the year. These included: (1) Improve the financial health of our Section, (2) Increase the number of student Chapters from two to four and (3) Increase the technical workshops offered to our membership.

Reviewing our Score Card one year later we collectively achieved 5 key milestones:

- Threw a larger net for Scholarships to students interested in or entering Petroleum Engineering (Adding UCI as a new SPE Student Chapter, and UCLA SPE Student Chapter commencing in October 2014).

continued on page 2....

Contents

Petroleum Technology Forum
Sept 9th, "North to Alaska"
pages 1 & 3

LASPE Scholarships Awarded
page 4

Incoming Chairperson
page 5

Baldev Gill appointed to SPE
International Committee
page 6

WRM Call for Papers
pages 7 & 8

Photos from June 10 Forum
page 9

Outreach to CSULB
page 10

Student Chapter News
pages 11 & 12

LASPE Upcoming Events
& Newsletter Submission Dates
page 13

Positions and Services Offered
page 14

continued on page 2...

PETROLEUM TECHNOLOGY FORUM, SEPTEMBER 9TH

The next Petroleum Technology Forum is "North to Alaska, The Sate of the Oil and Gas Industry in the 49th State" on Sept 9th by Tom Walsh, SPE WNAR Director. *Details follow on page 3 ...*

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

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

- Due to the first balanced budget implemented we now have the strongest financial reserve basis, which we have not seen in the last 5 years.
- Our paid membership has grown over 10% in the last year, with more members actively engaged.
- We made more revenue from the Golf Tournament than in any period over the last 5 Years, thanks to the Golf Committee and all its efforts and hard work.
- We made almost 60% in “New Revenue” from the technical classes we put together over the last year for the LA SPE members.

Contents continued

Board Members - Committee
Chairs
page 15

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

Leadership is not about any one person aiming and achieving to reach the top, it is more about lifting an entire organization, society or non-profit to higher levels. I believe we have achieved this due to the hard work of all the Board of Directors, Officers and Committee Chairs (in essence the LA SPE Leadership) who have contributed and I would like to thank them all for their active involvement and service to the LA SPE section. I am thankful to the section for allowing me the opportunity to Chair this section. My involvement with the section does not end here as I hand the baton to Dr. Ted Frankiewicz.

I will be the Chair for the 2015 Western Region Meeting, April 27th to April 30th, to be held near Anaheim and my co-Chair will be Ted Frankiewicz. In addition, I am honored to be selected by the 2015 SPE President, Helge Hove Haldorsen and the SPEI Board of Directors to serve on the Cedric K Ferguson Medal Committee for a 3-Year term.

I personally want to thank Tom Walsh, our Western Regional Director for his advice and guidance that he has provided me and our section over the year and hence I am delighted to inform you that Tom will be flying in from Alaska to help us give out the Scholarships to our deserving and hardworking students and will give the keynote talk. The winners of the 2014 - 2015 Scholarships are highlighted in this newsletter.

I hope you can all join us on September 9th to celebrate the award winners and hear our guest Speaker Tom Walsh talk about “North to Alaska, The Sate of the Oil and Gas Industry in the 49th State”

Finally I want to thank the membership for continuing to support our local section. I hope you will continue to support Ted as the incoming Chair through the 2014 - 2015 period.

Quote from President John F. Kennedy: My fellow Americans, ask not what your country can do for you, ask what you can do for your country.

Kind Regards and best wishes to you all.

Sincerely
Baldev S. Gill
Chairperson 2013-2014
Baldev.Gill@longbeach.gov

FORUM FROM PAGE 1 . . .

PETROLEUM TECHNOLOGY FORUM, SEPTEMBER 9TH

North to Alaska, The State of the Oil and Gas Industry in the 49th State

By Tom Walsh, SPE WNAR Director

Abstract

Oil production is declining in Alaska, and exploration activity is shifting from major oil and gas company focus to independent oil and gas companies. Tom's presentation will present an overview of activities and opportunities across Alaska, and highlight some of the key factors impacting exploration and development activities, such as:

- Maturity of Alaska's many sedimentary basins
- Alaska's state tax credits and production tax burden
- Market issues for gas and oil
- Oil and gas infrastructure
- Land ownership (state, federal, and native corporation)
- Access to leases and data

Biography

Mr. Walsh has over 30 years of experience in the Alaska petroleum exploration and production industry, with a diversified background ranging from basin analysis and lease sale assessment to production well planning and reservoir production modeling. Tom has been involved in the exploration, appraisal, or development phase of nearly every major field in North Alaska, including: Prudhoe Bay, Kuparuk, Endicott, Pt. McIntyre, Milne Point, and Niakuk. He has worked many of the sedimentary basins throughout the state, including: North Slope; Cook Inlet; Chukchi and Beaufort Seas; Nenana Basin; Yukon Flats; Kandik; North Aleutian Basin; Alaska Peninsula; and Copper River Basin. Tom's current interests focus on project management, and he served as Principal Investigator on a recently completed study of the resource potential of gas hydrates associated with the Barrow Gas Fields on the North Slope of Alaska. As a follow up to the Barrow Gas Field Hydrate Study, Tom served as Principal in Charge of a PRA team managing the North Slope Borough gas development well drilling program, which included drilling and completion of 5 horizontal gas production wells, and facility upgrades to double gas production capacity for the village of Barrow. Tom also was recently engaged as project manager for two Cook Inlet Natural Gas evaluation and development projects.



Tom is managing partner of Petrotechnical Resources of Alaska, LLC, and has technical and administrative oversight responsibility for 110+ professional oil and gas consultants. He is the SPE Western North America Region Director, serving on the SPE Board of Directors.

LASPE SCHOLARSHIPS AWARDED

to be presented at LASPE September 9th Forum meeting

Dear fellow LASPE members, it is the board of director's pleasure to announce the 2015 scholarship recipients. Our goal was 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.

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.

Again, congratulations to the awardees. We will award the scholarships at our annual scholarship awards ceremony and luncheon on September 9th at the Long Beach Petroleum Club.

Sincerely,

Brian Tran

SPE Scholarship Chairman on behalf of the LASPE Scholarship Committee

The scholarships and awards recipients:

Undergraduate Scholarships: Four scholarships of \$1,000 each. These were available for regional undergraduate students pursuing petroleum engineering, geology, chemical, civil, mechanical, environmental or related engineering curriculums. Recipients:

- Katarina Khalatian Bethel of the University of Southern California – Mechanical Engineering.
- Firas Khan of the University of California, Irvine – Chemical Engineering, Chemistry.
- Uyen H. Nguyen of the University of California, Irvine – Chemical Engineering.
- Kyle Walker of the University of Arizona – Electrical & Computer Engineering.

Masters Scholarships: Four \$1,000 scholarships are available for the top Masters Students at USC, UCI and CSLUB college graduate students pursuing studies or conducting research in energy and petroleum related subjects. Recipients:

- Alok Priyadarshi of the University of Southern California – MS Petroleum Engineering
- Amar Rao of California State University, Long Beach – MS Geological Sciences
- Watanapong Ratawessanun of the University of Southern California - MS Petroleum Engineering
- Long Vo of the University of Southern California – MS Petroleum Engineering

Bruce Davis Memorial Scholarship: \$1,000 award 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. Recipient:

- Lawrence Bustos of the University of Southern California – MS Petroleum Engineering

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. Recipients:

- Siavash Elahi of the University of Southern California – PhD Petroleum Engineering
- Atefeh Koudehi of the University of Southern California - PhD Petroleum Engineering

INCOMING LASPE SECTION CHAIRPERSON as of October 2014

As of October 1, 2014 Ted Frankiewicz will become the LASPE Section Chairperson for the 2014-2015 season.

Ted has more than 30 years' experience with oilfield process systems and produced water treatment. He has a Ph.D. in Physical Chemistry from the University of Chicago, holds 15 patents, and has written more than 35 professional publications. His experience includes hands-on operations, equipment design & manufacturing, and Process Engineering. He has worked for Occidental Petroleum, Unocal Corp., Natco Group, and SPEC Services, Inc.



At Unocal, he was responsible for developing the water treatment systems that were installed in the Gulf of Thailand to remove mercury and arsenic as well as residual oil from produced water. At Natco Group he developed an effective design for a vertical column flotation vessel and used Computational Fluid Dynamics to diagnose problems with and improve the performance of existing water treatment equipment, as well as to design new equipment.

At SPEC Services Ted has designed equipment and process systems for, or diagnosed performance issues with facilities and water treatment systems internationally for major as well as independent operators. His combined experience in oilfield chemistry, equipment design, and process systems provides him with unique insights into the water treatment and water management issues that challenge operators as their water production increases and becomes more complex.

Ted was an SPE Distinguished Lecturer on Water Treatment in 2009-2010 and has traveled extensively to deliver lectures on the treatment of oilfield produced water.



**BALDEV S. GILL SELECTED BY 2015 SPE
PRESIDENT TO SERVE ON THE SPE
INTERNATIONAL MEMBER “CEDRIC K
FERGUSON MEDAL” COMMITTEE**

Dear Baldev Gill:

As 2015 President of the Society of Petroleum Engineers, and on behalf of the SPE Board of Directors and the Society’s worldwide membership, I am very pleased to invite you to serve as member of the Cedric K Ferguson Medal Committee. Your 3-year term begins following the 2014 SPE Annual Technical Conference and Exhibition (ATCE) in Amsterdam, The Netherlands.

Each year, several thousand dedicated SPE members contribute their time and talents to assist the Society in fulfilling its mission of collecting, storing, and disseminating information on oil and gas technology and operations, and in providing programs to assist industry professionals in upgrading and maintaining their skills. Much of the Society’s work is conducted by SPE committees like the Cedric K Ferguson Medal Committee.

The committee is charged with reviewing and selecting the best peer approved papers authored by young SPE members and published in SPE technical journals in a given year. To ensure the committee meets its goals, it is important that committee members regularly communicate. Regular in-person meetings are not always feasible, and the work of SPE committees is most often handled by teleconferences, E-mail, or collaborative website. Committees are urged to use whatever systems ensure that the work of the committee will be accomplished. SPE needs your commitment to the work of the Cedric K Ferguson Medal Committee. I look forward to receiving your acceptance of this invitation to continue serving the Society and its members.

Sincerely,

Helge Hove Haldorsen

SPE 2015 President

Baldev noted” This is a real honor for me because when I first started as a Reservoir Engineer with Shell Oil in Houston my first technical manager and mentor was a former recipient of the Cedric K Ferguson Medal. In addition at Rice University when I was conducting my graduate studies in Chemical Engineering my main Professor who also had worked as the Principal Researcher at Shell Development Company was a recipient of the Cedric K Ferguson Certificate.”

SPE Western Regional Meeting

27-30 April 2015
Anaheim, California, USA



Get Recognized at the 2015 SPE Western Regional Meeting!

On behalf of the SPE Western Regional Program Committee, we invite you to submit a paper proposal presenting your technical solutions and innovations by **13 October** and to showcase your knowledge at the conference next year.

The [2015 SPE Western Regional Meeting](#) will be held 27 – 30 April 2015 in sunny Anaheim, California, at the Hyatt Regency Orange County. The hotel is located within just a few miles of Disneyland.

This conference will serve oil and gas, and other professionals who work in the unique conditions of challenging reservoirs and environmental constraints. The conference objective is to exchange ideas and collaborate on the challenges, opportunities, and solutions for successful operations.

We seek papers that will share cutting-edge technologies and best practices on such topics as:

- Drilling and Completions
- Health, Safety, Security, Environment
- Production and Operations
- Digital Oil Field Programs
- Projects, Facilities, and Construction
- Reservoir Description and Dynamics

continued on next page...

SPE Western Regional Meeting

27-30 April 2015
Anaheim, California, USA



For a detailed list of submission categories, visit the [Call for Papers page](#) for this conference.

Those selected will present their papers at the 2015 SPE Western Regional Meeting. The papers will also be added to [OnePetro.org](#), a multisociety technical library.

The deadline to submit a paper proposal is **13 October!**

We look forward to your contribution and having you join us at the conference.

Andrei S. Popa
Program Committee Chairperson
Chevron Corporation

[Submit Paper Proposal](#)

Why submit a paper proposal for consideration?

If selected, you can

- Present your latest technical achievements to your peers at the conference
- Have your paper included in the multisociety library, [OnePetro.org](#)
- Submit your paper for consideration in one of [SPE's peer-reviewed technical journals](#)

**PHOTOS FROM JUNE 10TH
PETROLEUM TECHNOLOGY FORUM**

Modeling and Simulation of Gas Injection Processes
by Dr. Kristian Jessen, USC



OUTREACH - ENGINEERING SUMMER BRIDGE PROGRAM AT CSULB

During the week of August 18-22, 2014, SPE members, Uduak Ntuk (City of Long Beach, Gas and Oil), Vanessa Perez (CA State Lands Commission, Mineral Resources Management), and Scott Hara (consultant) volunteered to participate in the Engineering Summer Bridge program at Cal State University, Long Beach (CSULB).

The target audience was 35 incoming freshman engineering students from the local, Long Beach area. Mr. Hara was the keynote speaker on the opening day, congratulating the students for getting accepted to “The Beach”, and getting them excited about studying and making a career in engineering.



Mr. Ntuk and Mrs. Perez were on an industry/alumni panel session and discussed what they do for their company/agency in the oil industry, shared their obstacles and accomplishments along their journey, and gave their personnel advice that the students could use as they start the engineering program.



SPE STUDENT CHAPTER NEWS

USC SPE Student Chapter Report

The USC Society of Petroleum Engineers e-board has prepared a schedule of events for the upcoming fall semester. During the summer, SPE lecturer Dr. Robello Samuel from Halliburton visited USC on June 25th and discussed the challenges associated with handling data and particularly big data. We would like to thank Dr. Samuel for spending time with us at USC. We invite other seasoned professionals in the region to visit our chapter and share their experiences with the younger generation.



On August 21, the USC SPE student chapter manned a table at the Viterbi Luau for incoming undergraduate students. At the event we provided informational flyers, promotional materials, crude oil samples, a packer and even a centralizer were mounted on display to educate the incoming students. The executive board was able to interact with the new undergraduate students and received more than 35 sign ups during this event. This was a great kick-off event for USC SPE to recruit and motivate students to be a part of the student chapter!

Additionally, on August 22nd, our chapter hosted a rooftop BBQ event at the campus housing near USC. The event attracted more than 120 RSVPs, and around 80 students in attendance at the event. At the BBQ, we introduced the new SPE e-board for this upcoming academic year. There was a variety of new graduate students who expressed interest in becoming a member of SPE. The students' backgrounds represented many departments such as Materials, Chemical, Mechanical, and Petroleum Engineering. The successful event was well received similar social events with more interaction with professionals in the oil and gas industry. This is just the beginning of our academic year and we look forward to reaching out to a larger student demographic here on campus in the upcoming school semester. We invite all professionals to contact usc.spe@gmail.com as our students are eager to meet you!



USC SAYS “THANKS” FOR HELPING THE SPE STUDENT CHAPTER



OFFICE OF THE DEAN

Yannis C. Yortsos

*Z.A. Kaprielian Chair in Engineering
Chester Dalley Professor*

July 10, 2014

Mr. Richard Finken
Treasurer
Los Angeles Basin Section
Society of Petroleum Engineers
223 Avenue F
Redondo Beach, California 90277

Dear Mr. Finken:

I am writing to express my gratitude for The Los Angeles Basin Section of the Society of Petroleum Engineers' (SPE's) recent gift of \$4,600 to help support the USC student chapter of the Society of Petroleum Engineers. SPE's support for this student group is especially meaningful because it helped enable this group's participation in the SPE Annual Technical Conference and Exhibition in New Orleans, where the students learned about the industry's latest technology and networked with industry professionals.

The funds we receive from sponsors like SPE allow USC Viterbi to continue to be one of the leading engineering schools in the nation. *U.S. News & World Report's* consistently ranks the USC Viterbi School of Engineering among the top engineering schools in North America, and as the top school in Online Graduate Computer Science and Information Technology Programs. I know you share our pride in this achievement – it is another step towards realizing our vision to lead in engineering research, teaching and service to society.

Mr. Finken, thank you again for SPE's generosity in supporting our SPE Student Chapter. Thank you also for your confidence in our students and their faculty leader, Professor Iraj Ershagi. We look forward to continued collaboration with SPE.

Sincerely,

A handwritten signature in black ink, appearing to read "Yannis C. Yortsos".

Yannis C. Yortsos
Dean

cc: Senior Associate Dean Louise Yates
Professor Iraj Ershagi

University of Southern California
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SELECTED SPE UPCOMING EVENTS - 2014

Date	Title
September 9*	North to Alaska. The State of the Oil and Gas Industry in the 49th State By Tom Walsh SPE WNAR Director
November 12	LNG – A Time of Change, by John Morgan, Petroskills
December 10	Perforating with Lasers: Are You Ready for the Power of Light? by Brian C. Gahan, Laser Rock Technologies
March 9	Next-Generation of Energy Efficient, Low Water Usage Heavy Oil Recovery Methods by Jala Abedi, University of Calgary
April 27-30, 2015	2015 WRM, Western Regional Meeting, Anaheim, California
	Note: * LASPE Board meeting starts at 10:30 a.m. and all members are welcome to observe

DEADLINES FOR NEWSLETTER ARTICLE SUBMISSION

Month	1st Submission Call	Last Submission Call	No Submissions Accepted After	Newsletter Publish Date
October	9/15/14	9/22/14	8/28/14	10/1/14
November	10/15/14	10/22/14	10/31/14	11/3/14
December	11/17/14	11/24/14	11/30/14	12/1/2014

POSITION AVAILABLE

Petroleum Drilling Engineer

DO NOT SUBMIT A RESUME

Click the following link for job description
and directions for filing.

<https://jobs.ca.gov/JOBSGEN/4LN03.PDF>

If you have any questions please contact:
California State Lands Commission Human
Resources
(916) 574-1910



Petroleum Production Engineer

DO NOT SUBMIT A RESUME

Click the following link for job description
and directions for filing.

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2013-2014 LASPE OFFICERS & BOARD

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Rick Finken	Vice-Treasurer	rdfinken@gmail.com
Christian Vaccese	Secretary - Board member through 2014	c.vaccese@gmail.com
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