



May 2009

Los Angeles Basin Geological Society Newsletter

MAY 28TH (THURSDAY), 2009 MEETING: GREG HUMMEL AND PAUL HACKER

Will speak on . . .

“The Geology of the Pacific Crest Trail”

Speaker Abstract

The Pacific Crest Trail (PCT) runs 2,650 miles from the U.S. – Mexican border through California, Oregon and Washington to the U.S. – Canadian border. This thin, dirt path crosses arguably the greatest cross-section of tectonically shifted, metamorphically-altered, fault-riddled, glaciated, uplifted and subsided, intruded and extruded rock in the world. Some of the world-class geologic features that it crosses are; the San Andreas Fault (3 times), the Garlock Fault, the Peninsula Ranges of Southern California including San Jacinto, San Bernardino, San Gabriel and Tehachapi mountain ranges, the Mojave Desert, the Sierra Nevada mountain range, Klamath / Trinity Alps mountains and the Pacific Northwest Cascade volcanic ranges.

From the dry, hot Anza Borrego desert and scrub oak and Manzanita-covered Peninsula Ranges to the alpine southern California mountains, through the Mojave Desert, into the Tehachapi mountains and on into the great Sierra and beyond, Greg and Paul will show and describe the glaciations, the tectonics, the rotations, the roof pendants, super heated volcanic mudflows, along with some discussion on a few of the challenges and logistics of such a trek. So hold onto your hat and try to keep up on this 4 to 5 million step (depending upon the length of your stride!) journey across this incredible terrain!

Paul Hacker and Greg first met on the trail in the small town of Weldon, at the southern edge of the Sierra. They hiked on and off together through the Sierra and joined up for the duration of the trail in Burney Falls State Park in northern California. Along the way, they and another thru-hiker that year; Jeff Zimmerman, stopped for a few days and climbed Mt. Rainier.

Speaker Biographies

Greg Hummel is a geologist for BreitBurn Energy and lead geologist for the Orcutt Oil Field in the Santa Maria Basin. Greg previously worked for Armstrong Petroleum on their West Newport Oil Field and numerous gas fields in the Sacramento Basin. Before that he worked as an exploration geologist for Amoco Exploration Company in Denver on projects throughout the mid-Continent. He began his career in geology in Denver working for National Geologic Services, a small consulting firm.

Greg received his B.S. in Geology at U.C. Santa Barbara and completed graduate work at the University of Colorado at Boulder. He is a 30 year member of the AAPG and recently gave a talk on the structural evolution of the Orcutt Field at the Pacific Section AAPG meeting. Greg is the president of two non-profit long distance hiking organizations; The American Long Distance Hiking Assoc. – West, and The Annual Day Zero Pacific Crest Trail Kickoff. Greg is a Pyles Boys Camp supporter.

Greg hiked the Pacific Crest Trail in 1977; from Mexico to Canada, when the trail was in its infancy and only about 70% complete.

Paul Hacker is Chief Geologist / Geologic Manager for Tri-Valley Oil & Gas in Bakersfield. He has worked throughout California and has been a Vice President at Temblor Petroleum, an independent consulting geologist, and a geologist for both Bravo Oil and Argo Petroleum. Paul began his career in California as a mudlogger for Don Padick Geological Well Logging.

Paul received his B.S. in Geology at Cal-Lutheran in 1982, after completing a B.A. in Geography in 1979. Paul has been both President and Treasurer for the PSAAPG, received the AAPG Certificate of Merit in 1992, and is a Registered Geologist. Paul is the author of several articles on geology in the Sacramento and San Joaquin Valleys, and has been very involved in the Wildcat Committee and the Pyle's Boys Camp.

Paul hiked the Pacific Crest Trail in 1977 from Mexico to Canada.

Meeting Time, Place, Cost and Reservations

Time:

Thursday, May 28, 2009

Typical Meeting Agenda

Lunch Served: 11:30 AM to 12:00PM

Announcements: 11:50 AM to 12:15 PM

Guest Speaker: 12:15 PM to 12:45 PM

Place:

The Grand at Willow Street Conference Center located at 4101 East Willow Street, Long Beach, CA. (562-426-0555). Take Lakewood Boulevard south from the San Diego Freeway (405), turn west onto Willow Street and turn right onto Grand Avenue at the sign for the Center. Park free in the garage structure.

Cost:


**Lunch and Speaker: \$20.00 with reservations
\$25.00 without reservations**
Student: FREE (Lunch and Speaker)

Meeting Reservations:

Make your reservations using our web site at www.labgs.org, by calling Marieke at (562) 624-3364., or emailing Marieke_Gaudet@Oxy.com.

Reservations made prior to Tuesday before the meeting is appreciated, but walk-ons are welcome.

WE'LL BE THERE



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Upcoming 2009 LABGS Speaker/Event Schedule

May 28, 2009 – Greg Hummel and Paul Hacker will speak on “The Geology of the Pacific Crest Trail”.

Summer Break – Next meeting September 24th, 2009.

If you have a speaker suggestion, please mention it to a Board member !!

OTHER EVENTS

National AAPG 2009 Convention

June 7-10, 2009 Denver, see www.AAPG.org for more details.

The LABGS Don Clarke Award

The Don Clarke Brunton Award is given to a qualified student attending a LA Basin community college with the goal of getting an Associate degree, and enrolled with plans to pursue a baccalaureate degree in Geology or the Earth Sciences.

The Society is currently looking for a qualified applicant for the 2009 award. Check our website.

SELECTION PROCESS

The award winner is selected from candidates nominated by a faculty member at their original school. The winner is selected based on the following criteria:

- Grade point average in earth science classes.
- An enthusiastic or special recommendation from the advisor, department chair, or mentor professor

Student Sponsorship

Both Halliburton and Schlumberger are defraying the cost to the Society of our students-at-the-monthly meetings program. *Students are free at all meetings.* Thank you.

The LABGS Brunton Award

The LABGS Brunton Award is given to a qualified undergraduate student attending a four-year LA Basin College or University currently pursuing a baccalaureate degree in Geology or the Earth Sciences.

The Society is currently looking for qualified applicants for the 2009 award. Check our website.

SELECTION PROCESS

The award winner is selected from candidates nominated by a faculty member. The winner is selected based on the following criteria:

- Grade point average in earth science classes.
- An enthusiastic or special recommendation from the college advisor, department chair, or mentor professor


SEE THE WEBSITE FOR FORMS

TOTY

The LABGS Teacher of the Year (TOTY) Award nominations are open for 2009. The TOTY is a \$250 award for a teacher with 3+ years experience in K-12, who teaches at least one unit per year in the natural resources. Please see this newsletter, or our website www.LABGS.org, for more details.

LABGS House of Delegates Update

The LABGS will be represented at Denver by Don Clarke and Reinhard Suchsland subbing for me. The AAPG will send out a ballot for the next two delegates. The candidates are Don, Rhino, Jon Kuespert and Terry Adcock. We are looking for two delegates and two alternates.

Los Angeles Basin Geological Association Advertising Costs 2008-2009		
<u>Newsletter and SoCal website posting:</u>		
• Business Card size ad	\$25/month	\$230/year
• 1/4 Page	\$45/month	\$450/year
Website posting only: \$20/month		
		

The LABGS Newsletter reaches a large range of Geo-types and engineers, So Advertise and get noticed.

Renew Your Annual Dues and Address Changes

The Pacific Section AAPG and LABGS operate on a fiscal year from July 1 to June 30. If you are a current member, you should have received a PSAAPG membership renewal notice last month. Please note, when you renew you are renewing for both LABGS and PSAAPG (for one low price of \$12).

If you haven't done so, take this opportunity to send in a check and update your mailing information. New PSAAPG directories are now available and will be included in your dues for the next fiscal year (the directory is one of the key benefits of joining the LABGS through PSAAPG).

LABGS T-Shirts

The LABGS T-Shirt is baaaaaaacckk!!!

These unique crafted quality white T's are emblazoned with the distinctive LABGS logo and have a great look. We now have a good selection in all the relevant sizes. But come early to buy them.

T-Shirts will sell for \$18 if you pick them up at the at The Grand at the meetings, ie this does not include shipping + handling charges.



President's Note

To all our members,

At the last meeting (April) we had as speaker Dr. Mark Harrison of UCLA. Dr. Harrison spoke on “**The Hadean Period**”. Thank You Dr. Harrison for presenting this. Don't miss out on the next one!!!

This month our talk on Thursday, May 28th will be “*The Geology of the Pacific Crest Trail*”. The talk will be on two foolish souls wandering aimlessly along the Sierra Mountains from Canada to Mexico before any rational human being would consider it *de rigueur*. Join us for the wacky hijinx adventures and antics of this bumbling pair as they give us a talk designed to get you in the mood for summer travel.

The above picture is your soon-to-be past-President hiking Koko Crater near Honoulu, HI in April. Koko Crater is one of the many craters that dot the Hawaiian Island landscape. Behind me is the 1100 step former narrow gauge rail line to an observation post built by the Army during WWII. It really is that straight and up (~1200 ft down to the baseball diamonds in the picture, see Google Earth)!! Upper left is Hanauma Crater, a popular snorkeling spot within a volcanic crater exposed to erosion by wave-action of the Pacific Ocean.

This is my last newsletter as I will be retiring from the LABGS this summer. Bill Long's capable leadership will drive the LABGS next year and I hope to hear of wonderful events.

Good luck to all !!

Jon

Contact Us – The LABGS Board

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marieke_gaudet@oxy.com

OUR WEB SITE ADDRESS IS:
www.labgs.org



Los Angeles Basin Geological Society Membership Form

Join the LABGS and become a member of the Pacific Section AAPG all for one low price of \$12.00 per year - 2 West Coast Geoscience Organizations for the price of one



Membership Benefits

- LABGS Membership
- Monthly Luncheon Meetings with Strong Technical Programs
- Pacific Section AAPG Membership
- Pacific Section AAPG Bi-Monthly Newsletter
- Discounts for PSAAPG Bookstore Publications
- Bi-Annual West Coast Geoscience Directory - *next edition 6/03*
- Networking and Social Opportunities with Fellow Geoscientists

Current Annual LABGS/PSAAPG Dues

1 Year Option = \$12.00 \$ _____
3 Year Option = \$36.00 \$ _____

Extended E-Mail Announcement List Fees

To receive meeting notices from SJGS and CGS
1 Year Option = \$12.00 \$ _____
3 Year Option = \$36.00 \$ _____

PSAAPG Foundation Contributions

B. Hacker Publication Fund \$ _____
Martin Van Couvering Fund \$ _____
Dibble Map Foundation \$ _____
California Well Sample Repository \$ _____
John Kilkenny Scholarship Fund \$ _____
PSAAPG Foundation Trust Fund \$ _____

TOTAL PAYMENT

Total Amount Enclosed \$ _____

Essential Member Information

Last Name _____
First Name _____
Middle Initial _____
E-Mail Address _____
Mail Address _____
Res or Bus ? _____

Additional Directory Information

Employer _____
Position / Title _____
Bus Phone # _____
Res Phone # _____
Fax Phone # _____
Spouse's Name _____
Education *Highest Degree* _____ *Year* _____
School _____

Signature _____

Annual membership is handled through PSAAPG and runs from July 1, through June 30. If you are already a current member of PSAAPG and you selected LABGS affiliation you are already a member of the LABGS.

**Please Make Checks out to PSAAPG and mail along with member form to:
PSAAPG P.O. Box 1072, Bakersfield, CA 93302**