



May 2014

# LOS ANGELES BASIN GEOLOGICAL SOCIETY MEETING ANNOUNCEMENT

May 22 (Thursday)

**Glenn Sharman**, Ph.D. Candidate at Stanford University, Palo Alto, California

Will speak on: Detrital Zircon Geochronology of the Late Cretaceous-Eocene California Forearc: Implications for Margin Tectonism, Paleogeography, and the Offset History of the San Andreas Fault

## Abstract

Detrital zircon geochronology of Upper Cretaceous-Eocene forearc strata has led to exciting new constraints on the tectonic and landscape evolution of the western U.S. Synthesis of new and published detrital zircon U-Pb ages over a 2,000 km length of the southern Oregon-California-northern Baja forearc clearly demonstrates spatial and temporal changes in sandstone provenance that reflect evolving sediment dispersal patterns associated with the extinction of continental margin arc magmatism and transfer of deformation to the continental interior during latest Cretaceous-early Cenozoic Laramide low-angle subduction. Our detrital zircon provenance analysis of the well-preserved sedimentary successions of California and Baja California have yielded significant revisions of current paleogeographic and paleotectonic models, including a reappraisal of the early slip history of the San Andreas fault system.

## Speaker's Biography

Glenn Sharman grew up in Delaware and did his undergraduate studies at Wheaton College (outside of Chicago, Illinois) where he received a B.S. in geology. He worked for a little over a year

as a field geologist with ENVIRON International Corporation, an environmental consulting firm based in Chicago. Glenn started graduate school at Stanford, and is currently in his 5th year working on a PhD. His research interests include using provenance relationships to understand regional paleogeography and paleotectonism in central California. He is also studying an outcrop exposure of a large mass-transport deposit exposed in coastal cliffs in New Zealand.

## Meeting Time, Place, Cost and Reservations

Time:

**Thursday, May 22th, 2014**

### Meeting Agenda

**Lunch Served: 11:30 AM to 12:00PM**  
**Announcements: 11:45 AM to 12:00 PM**  
**Guest Speaker: 12:00 PM to 12:30PM**  
**Questions/Close: 12:30 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.

**OUR WEB SITE ADDRESS IS:**  
[www.labgs.org](http://www.labgs.org)

**Cost:**

**Lunch and Speaker:** \$20.00 with reservations  
\$25.00 without reservations  
**Student:** \$5.00 (Lunch and Speaker)

**Meeting Reservations:**

**Make your reservations using our web site at [www.labgs.org](http://www.labgs.org), or by calling Graham Wilson (562)-326-5278, or emailing [gwilson@shpi.net](mailto:gwilson@shpi.net). Reservations must be made by 10:00 AM Tuesday morning prior to Thursday's meeting to receive discount price noted above. As always walk-ins are welcome.**

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**Student Sponsorship**

Looking for Student Lunch sponsors. If you or your Business/Organization would like to become a Student Lunch Sponsor, please let us know.

**Upcoming News**

**On June 26, LABGS is very proud to have our very own – and always distinguished Don Clarke, who will honor us with his AAPG Distinguished lecture Hydraulic Fracturing and Earthquakes: Ethically, How Do We Move Forward and Do the Right Thing?**

# News and Events at Los Angeles Basin Geological Society (LABGS)

*By Jean B. Kulla - President*

We have a lot happening at LABGS in the next couple of months and are looking forward to our great speakers, special events, and awarding PSAAPG/LABGS scholarships to some SOCAL bright and deserving college students.

## Meetings and Speakers

At our March meeting, Dr. Robert Anderson from the Jet Propulsion Laboratory in Pasadena, CA. gave a very interesting presentation on the geologic history of Mars.



Additionally in May we will be awarding scholarships from PSAAPG and LABGS to the following students.

CSU-Long Beach:

Michael Thompson; Yannick Wirtz; Amar Rao; Derik De Baun; Sara Price; Brendan Neel; Scott Brito; Jennifer Leidelmeijer; Georgeanne Aronson; Kristen Faulkner; and Benjamin Davidson.

CSU-Fullerton:

Peter Kloess; Edween Hernandez; Daniel Philo; and Kelly Shaw.

CU-Riverside:

Alexander Valentine and Evelyn Becerra.

Occidental College:

Robin Bruns.

***Congratulations to all the winners!!***

## The Students are the Future

Within the past year or so, some very bright and hardworking geology students at Cal State – Fullerton have been in the process of reviving the AAPG Student chapter. I was very pleased to be invited to a meeting (Q&A), April 16<sup>th</sup>, of the student chapter at Cal State – Fullerton. Over twenty geology students participated in the Q&A, lasting about two hours, and asked questions about working as a geologist for oil/energy and for environmental companies. Also, we had a lively discussion of what we as professionals can do to help students find out more about careers in industry and how to better connect (ie. network) at meetings. Do any of us remember when we were students, how intimidating it was at meetings to go up to the ‘pros’ to introduce ourselves and try to start a conversation? I challenge every one of us to make it a point at the next meeting we attend to engage at least two to five students in meaningful conversation – go up to them, introduce yourself and start talking about what you do!