



April 2005

# Los Angeles Basin Geological Society Newsletter

**April Meeting: Jim Mears – San Diego County Office of Education**

Will speak on

**Teaching Earth Science through the “Micro Lab” - Using the Nature’s Laboratory**

## Speaker Synopsis / Abstract

Mr. Jim Mears received his A.A. from Santa Rosa Junior College in 1961 and his B.A. from Humboldt State College in 1964. His major was Industrial Arts with a minor in Science. In addition to his formal education, he has taken numerous classes in Science, Photography and Strategies in Teaching. Mr. Mears holds Life Credentials for teaching Industrial Arts, General Secondary and the General Elementary. He has been teaching for forty-two years, and was a Mentor Teacher for four years. Jim has presented at state conferences, natural history museums and campgrounds dealing with many facets of science. He currently teaches Science at an organized home school group of 5<sup>th</sup> through 8<sup>th</sup> graders for the San Diego County Office of Education, Community Home Education Program

With a “Micro” workshop virtually in our backyard, teaching geology using samples gathered from Southern California can’t be beat. The Micro Lab is a classroom where students and parents can learn about microfossil life (Foraminifera, Bryozoa, Brachiopods, etc.) and micro-minerals (quartz, pyrite, magnetite, etc.) using scientific equipment such as microscopes, cameras, sieves, shakers and chemicals. Employing the Scientific Method, students learn by observing, keeping records, a notebook, and using research books and papers. After going through this process, the student will have a “micro” idea of how a geologist/paleontologist will be able to find oil, gas or water, or to find faults or landslide-prone sediments.

After finishing the Micro Lab class, the students will have a better idea of how to use a microscope, sieves, shakers and scientific information, such as what they saw, names of the micro fossils and the micro minerals, and how to record these finds. After taking this class, it is hoped that the students will be more interested in

geology/paleontology or some other scientific area. It is hoped that they will select a career or even a hobby in Science.

Mr. Mears’ presentation will discuss his curriculum and show the students at work in their lab, on field trips to Salton Sea, Anza Borrego Area and San Pedro.

You can contact Jim Mears at his (760) 471-6010

## **Teacher of the Year Award Winner Jim Mears**

As part of our mission to support youth education activities, the Los Angeles Basin Geological Society in cooperation with PSAAPG is proud to announce **Jim Mears**, as our 2005 award winner of Excellence in the Teaching of Natural Resources in the Earth Sciences. .

This award is intended to recognize and encourage excellence in teaching earth science at the K-12 level. Jim will receive a cash award totaling \$500 (\$250 from LABGS and matched by Pacific Section of the American Association of Petroleum Geologists, our parent organization.) to use in the school’s science program or attend science conferences and/or training seminars.

As a result of being the LABGS award recipient, Jim became our entry into the Pacific Section AAPG Teacher of the Year 2005 award. Last week, it was announced that Jim won the PSAAPG TOTY award, and will be the Pacific Section entry into the National AAPG award for 2006.

**CONGRATULATIONS JIM!**

## Time & Place

### Time:

**Thursday, April 28, 2005**

### 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

### Cost:

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

### Reservations:

Make your reservations using our web site at [www.labgs.org](http://www.labgs.org), emailing [iaburto@breitburn.com](mailto:iaburto@breitburn.com) or calling Ivan Aburto at (213) 225-5900 ext. 234.

Reservations must be made prior to Tuesday before the meeting.

## LABGS Future Meetings

Lunch meetings are held at *The Grand at Willow Street Conference Center*. Lunch starts at 11:30 AM

### 2005 Speaker Schedule

April 28, 2005 – **Jim Mears, SD office of Education**  
**Teaching Earth Science through the Micro Lab**

May 26, 2005 – **Jim Dolan**  
**Faults of the LA Basin**

June 23, 2005 – **TBD**  
**TBA**

July & August 2005  
**No Meetings – Summer Field Season**

## Announcements / Information


# BAY, BASINS, BASEMENT & BEYOND



## Attend the 2005 Joint Meeting of the Pacific Sections of AAPG, SPEM, SEG and the Cordilleran Section of GSA APRIL 29 – MAY 1

The Pacific Sections of AAPG, SEPM, SEG and the Cordilleran Section of GSA are meeting in San Jose, CA April 29 - May 1. The theme is “Bay, Basins, Basement, and Beyond”. This will be a most impressive meeting of geoscientists from all over the western US. For more information on the scheduled program and a copy of the abstract submittal form, go to the [www.psaapg.org](http://www.psaapg.org) web site and visit the “convention” tab.

## WE'LL BE THERE



Epoch is one of the energy industry's leading suppliers of wellsite data gathering systems. Our drilling instrumentation products, wellsite reporting software and mud logging services are industry leaders, and myWells.com allows you to access that information anytime, anywhere. That means you can make more timely decisions that deliver efficiency and economy. If real time, accurate wellsite information is important to you, call Epoch. We'll be there.

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## 2005 Student Recognition Awards

The Los Angeles Basin Geological Society is pleased to offer **two scholarship awards** as a form of encouragement and recognition to those College students who show dedication and passion to the field of Geoscience. It is our goal to help future geoscientists on in their pursuits. Both of these awards consist of a Brunton Compass and a wall certificate.

### The Don Clarke Brunton Award

The Don Clarke Brunton Award is given to a qualified student graduating from an LA Basin Community College with an Associate Degree, enrolled in a Geology or Earth Science curriculum with plans to pursue a baccalaureate degree in Geology or the Earth Sciences.

#### AWARD QUALIFICATIONS

To qualify for this LABGS award, the student must meet the following criteria:

1. Plan to graduate in 2005 with an Associate Degree from a Los Angeles Basin Area Community College.
2. Complete a Geology or Earth Science curriculum.
3. Must be pursuing plans to enroll in a four-year college or university with Geology, Geological Sciences, or Earth Science as their designated major.

### 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.

#### AWARD QUALIFICATIONS

To qualify for this LABGS award, the student must meet the following criteria:

1. Be enrolled as an undergraduate at a college or university in the LA Basin
2. Have declared majoring Geology, Geological Sciences or Earth Sciences

#### REQUIREMENTS FOR NOMINATION ARE THE SAME FOR BOTH AWARDS.

**Nominees for these awards are submitted by a faculty member of the nominee's LA Basin College or University. The faculty member must:**

1. Fill out and sign the LABGS Award Form.
2. Submit the required documentation by the due date of May 23, 2005.

#### SELECTION PROCESS

The elected officers of the LABGS will select the most qualified candidates based on the following criteria:

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

#### NOTIFICATION OF AWARD

All Applicants will be notified once selection process has ended. Notification will be done via mail. The Award will be presented at the LABGS luncheon meeting on June 23, 2005. The winner will be invited to attend the luncheon.

**To find out more information on these recognition awards or to get an application, go to our website:**

**[www.labgs.org](http://www.labgs.org)**

#### **Your Name Here!**

*Advertising in this newsletter is now available! Advertising rates for a business card size add are \$60.00 for six issues. These fees help offset our publishing costs. If interested, please contact Dalton Lockman*

## **NEEDED: Candidates for LABGS Officers**

We will be conducting election of LABGS officers for the 2005 – 2006 fiscal year in June. We are in need of persons who have a desire to shape the future of the LABGS. If you would like to run or wish to nominate someone, please contact Dalton Lockman or Ivan Aburto. The positions are President, Vice President (Program Chairman), Treasurer, and Secretary.



## **Guidebooks from the 2004 LABGS Field Trip Examining the Catalina Schist and the Palos Verdes Peninsula are now on sale!**

**The guidebook will be available at the LABGS meeting on April 24, 2005.** The cost of the guidebook is \$20. The book is 179 pages and printed in color. There is enough detail to allow you to recreate the trip on your own. The Guidebook was edited by Dick Brown who organized and led the trip on June 26, 2004. You may also purchase a copy by contacting Dick Brown, via email or by phone (see list of contacts, this newsletter). **Photos of the trip are now posted on our web site at [www.labgs.org](http://www.labgs.org). Check them out!**

## **LABGS Annual Field Trip to San Clemente - Summer 2005**

Plans are under way to get our annual field trip organized. Mark Legg will be leading a trip along the coast near San Clemente and San Onofre. The purpose will be to examine turbidite rocks along with tectonic evidence of the south coast. A final date will be forthcoming. If you would like to help organize this trip please contact a LABGS Board Member ASAP.

## **LABGS Membership Info!**

Become a member of the LABGS and enjoy the benefits of membership. Our goal is to provide a value added service to the geologic community of the LA area at a reasonable cost. If you join the LABGS you also become a member of the PSAAPG and vice versa. The purpose of this is to reduce waste and duplicated effort. Check out the membership form for a list of the dual membership benefits. Membership is our primary source of income so I urge you all to join or renew. **To join or renew**, fill out the attached membership form and mail it in to PSAAPG or better yet bring it to the next meeting. This will ensure you are on our lists and the only way you can request a hard copy through the mail. The use of E-mail is our preferred method of distribution so please make sure we have your address.

## **LABGS T-Shirts NOW ON SALE**

The LABGS sells T-Shirts to generate additional funds to help support our scholarship and field trip activities. The shirt displays the LABGS logo on the Back with the words "LA Rocks" on the Front. The Price for shirts are \$15.00 and available at our luncheon meetings or by contacting Ivan Aburto (see contact list in this newsletter). Sizes are limited to Medium, Large, and Extra Large. **Buy one at the April Meeting!**

## **Contact Us – The LABGS board**

President: Dalton Lockman (323) 298-2242  
[dlockman@plainsxp.com](mailto:dlockman@plainsxp.com)  
Program Chair: Dick Brown (562) 598-0595  
[dickbrowngeo@adelphia.net](mailto:dickbrowngeo@adelphia.net)  
Secretary: Ivan Aburto (213) 225-5900, ext. 234  
[iaburto@breitburn.com](mailto:iaburto@breitburn.com)  
Treasurer: Steve Zigan, (949) 355-4467  
[szigan@eri-us.com](mailto:szigan@eri-us.com)

## **OUR WEB SITE ADDRESS IS:**

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

# Boot Up for Calgary!

## AAPG Annual Convention

June 19–22, 2005  
Calgary, Alberta, Canada

### Featuring hundreds of ways to reboot...

- Exhibits showcasing the latest technology
- 36 field trips and short courses
- CSPG Core Conference
- 8 concurrent oral sessions
- 64 poster sessions



American Association of Petroleum Geologists • Convention Department  
1 888 945 2274 ext.617 • or 1 918 560 2617  
convene2@aapg.org • [www.aapg.org/calgary/](http://www.aapg.org/calgary/)



**Register by April 15 and save! Register online: [www.aapg.org/calgary/](http://www.aapg.org/calgary/)**





# 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	_____
<i>Res or Bus ?</i>	_____
	_____

Additional Directory Information					
Employer	_____				
Position / Title	_____				
Bus Phone #	_____				
Res Phone #	_____				
Fax Phone #	_____				
Spouse's Name	_____				
Education	<table style="width: 100%; border: none;"> <tr> <td style="border: none; text-align: center;"><i>Highest Degree</i></td> <td style="border: none; text-align: center;"><i>Year</i></td> </tr> <tr> <td style="border: none;">_____</td> <td style="border: none;">_____</td> </tr> </table>	<i>Highest Degree</i>	<i>Year</i>	_____	_____
<i>Highest Degree</i>	<i>Year</i>				
_____	_____				
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**