



Reach Out!

Sacramento Chapter members have been very busy with outreach activities already this year.

We started off with a Trig*Star presentation at the January Chapter meeting. CLSA's State Trig*Star Coordinator, Aundrea Tirapelle,

was scheduled to speak, but fell ill. Caltrans' Sherry Toutges and Annette Lockhart, both experienced Trig*Star presenters, teamed up to discuss the history, process, new developments, and rewards of being involved. Both have since been making contacts with



participating schools, and seeking new ones.

Paul Enneking made a presentation to the Sacramento Chapter of the International Right of Way Association (IRWA). See the story on page 4.

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FEBRUARY MEETING

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Logan's Roadhouse
5511 Sunrise Blvd
Citrus Heights, CA

February 4, 2010
Drinks at 5:00
Dinner at 6:00

See details on the website!

Speaker is Bill Hofferber,
CLSA President-Elect.

Reach out...(continued)



Ric Moore from BPELS has been working with Rob McMillan to distribute approximately 3500 EIT Reference Formula books. Through the Sacramento ASCE YMF group and his CLSA Education Committee contacts, Rob has distributed books to universities, colleges, some high

schools, and public agencies in the northern half of the state. Sherry Toutges has delivered 150 of the books to Sacramento area high schools participating in Trig*Star, and Tom Cardenas of CSDS delivered 90 books to Piner High School in Santa Rosa.

Annette Lockhart and Jill Van Houten led a discussion and hands-on survey equipment demonstration for the American Association of University Women's presentation to 8th grade girls at Yuba College. The local *Appeal Democrat* featured a photo of one of the students looking through an automatic level.



Big News

Going to a Board of Professional Engineers and Land Surveyor meeting is never a dull event. The January 27 meeting would turn out to be no exception.

The Big News this time was the cancellation of the April EIT exam.

After some careful consideration of many

options, which ranged from cancelling all the April exams to the final option, the Board members reluctantly made their decision. This is an unfortunate fallout from the continued problems that the State of California has with its budget. To be clear,

the Board has money to support the exams in its reserves, but cannot get permission to spend the money in time to save the exam. This is a most unfortunate turn of events that we hope will be an isolated necessity.

SACRAMENTO CHAPTER CLSA MEMBERSHIP FORM

Name: _____
Company: _____
Business Address: _____
City: _____ Zip: _____
Work E-Mail Address: _____

Home Address: _____
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Home Phone #: _____ Work Phone #: _____
LS Number: _____ Fax #: _____

Personal E-Mail Address: _____
(E-mail address required to receive Focal Point)

Preferred Mailing Address: Home Business

Preferred E-Mail Address: Home Business

CORPORATE MEMBER – Annual Dues: \$20.00

Any person with a valid California Land Surveyor or Photogrammetry License

ASSOCIATE MEMBER – Annual Dues: \$10.00

Any person who holds a valid certificate as a Land Surveyor-In-Training

AFFILIATE MEMBER – Annual Dues: \$10.00

Any person who, in their profession, relies upon the fundamentals of Land Surveying

STUDENT MEMBER – Annual Dues: \$5.00

A college or university student actively pursuing the study of Land Surveying

Employment Status: Private Public Student Retired Other

Are you a member of the Statewide CLSA? Yes No

If yes, what type? Corporate Associate Affiliate Student Sustaining Life

Please indicate the activity you would most like to participate in:
Barbeque Picnic/Survey Olympics Sports Night Discussion Forum Seminar

Please indicate the type of program or topics you would like to see most at the meetings:
CLSA Information Technical Business Legal Local Agencies Other

Please share your views on activities you would like to see this chapter be involved with (seminars/outreach, etc.), or things you would like to change (meeting time/place, etc.).

I am including a donation of \$_____ for the Scholarship Fund. Make checks payable to SAC CLSA
Bring completed application to the next meeting, or mail to:

CLSA – SAC
P.O. Box 160234
Sacramento, CA 95816

Don't forget to join the California State CLSA as well:
http://www.californiasurveyors.org/files/membership.html

Enneking WOWs IRWA by Rob McMillan

The Sacramento IRWA Chapter invited Paul Enneking, PLS, to discuss the evolution of surveying technology in January. Paul prepared a fairly non-technical presentation, not imagining the group would be infiltrated by nearly a dozen Professional Land Surveyors. Paul was joined by other experts from Psomas offices throughout California. Alex Enneking, PLS; Jeremy Evans, PLS; and Steve Mendenhall, PLS were there to support Paul. Infiltrating Surveyors included Christopher Curtis, PLS of CBC Surveys, Albert DeLeon, PLS and Matt Stringer, PLS of Mark Thomas, Mark Van Zuuk, PLS of Cal Fire, Gary Bohannan, PLS

and Rob McMillan, PLS of Caltrans, and others.

The presentation began at compass and Gunter's chain; proceeded through transit, steel tape, alidade, plane table, theodolite, EDM, level; to total station and GPS, then culminated in real world examples of stationary and mobile terrestrial laser scanning technology. Jeremy Evans set up a new Leica C10 scanner, and scanned the room while participants listened intently to Paul's presentation. Viewing the laser scan point clouds of the banquet room allowed the IRWA

members some insight into the capabilities of the modern surveyor. The surveyors enjoyed seeing the new technology, and how Psomas used it in different applications. While Paul may have been concerned that his presentation was not technical enough for the PLS's in attendance, I felt that it served to remind IRWA members and surveyors alike that we are duty bound to retrace the footsteps of the original surveyor with one foot planted firmly in history, and the other striding into the future. Kudos to Paul for a great presentation!



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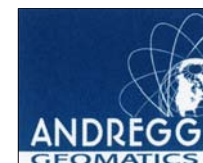
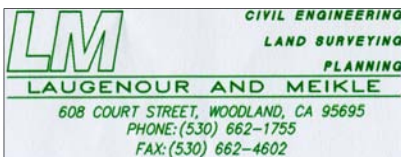


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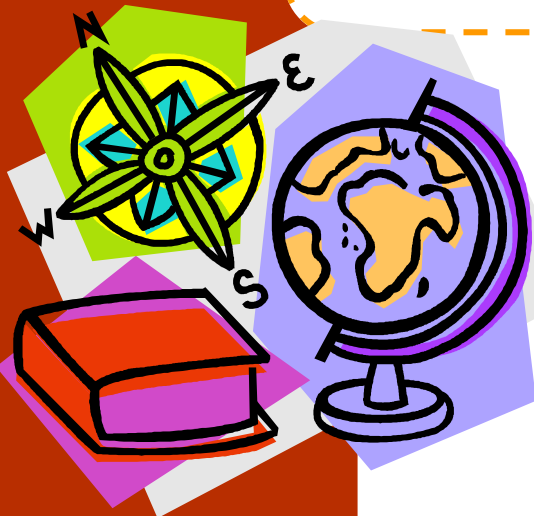
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October Results

LSIT (National FS)
 Tested 178
 Pass 60
 Pass % 33.71%
 Fail 118
 Fail % 66.29%



National PLS
 Tested 79
 Passed 37
 Pass % 46.84%
 Failed 42
 Fail % 53.16%



LS Prep Class

Our Chapter LS prep class is off to its usual wonderful start.

We started this section with 40 students.

Students have heard about Laws affecting

surveyors from Steve Ourada, Construction from Kevin Akin and GPS from Rob McMillan.

We are looking forward to more of our great instructors in the coming weeks.

This year we have a great “almond gallery” assisting with the class. They include Rob McMillan, Jill Van Houten, and Bill Jackson.

Crane Safety

ASCE presented a workshop on "Crane Safety Training for Engineers and Supervisors" at the Folsom Community Center January 15th. The presentation and materials were prepared by ASCE's Construction Institute through a grant from OSHA. This training was conceived in response to 439 Crane incidents between 1984 and 1994, and 127 fatalities between 1997 and 2003. Electrocution was the leading factor in incidents (39%), and second leading cause of fatalities (29%). The leading cause of fatalities was being struck by a load.

Be aware of the big picture on any site where a crane is in use. Keep an eye on ground conditions, swing area, boom length, and weather conditions. If possible, stay well clear.

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The FOCAL POINT is a publication of the Sacramento Area Chapter of the California Land Surveyors Association and is pleased to publish letters from land surveyors and other interested persons on subject matter relevant to the land surveying profession. Please include your name, address and daytime phone number. Views expressed are the opinions of the individual writers and are not necessarily those of CLSA, the Chapter, or the editor. FOCAL POINT accepts no responsibility for the accuracy of the information given. Letters may be edited and published in any format. All letters submitted become the property of the Focal Point. Due to space restrictions, FOCAL POINT reserves the right to hold letters for publication at a later date.

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