

# SURVEY NOTES

Volume 18 Issue 10

October 2012

CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER  
5519 Clairemont Mesa Blvd, Mail Box 261, San Diego, California 92117  
[www.sd-surveyors.org](http://www.sd-surveyors.org)

## SD/Orange County Joint Chapter Meeting

Wednesday, October 17, 2012

Bill Hofferber, Immediate Past President,  
Rolland Van DeValk, Secretary,  
Jay Seymour, Treasurer

A presentation about the state of CLSA will be made by State Officers

***Dinner Cost: \$20***

***(\$15 for LSIT or Surveying Student)***

Dinner Menu Choices: Beef Fajitas, Chicken Fajitas, 8oz Ribeye Steak

### Location

## **The Longboarder Cafe**

**400 Mission Ave. Oceanside, CA 92054**

**(760) 721-6776**

**The Location is only two blocks away from the Oceanside Transit Station. The Amtrak schedule is here:**

**<http://www.amtrak.com/ccurl/286/210/Pacific-Surfliner-Schedule-050712.pdf>**

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4:00 p.m. Board Meeting  
6:00 p.m. Social/Networking  
6:30 p.m. Dinner  
7:00 p.m. Program

Please RSVP through our CLSA San Diego Chapter website no later than **Friday, October 12th.**

**<http://www.sd-surveyors.org/Reservations/index.php>**

**If paying online with a credit card, please bring a copy of your receipt for check in. Cash or check will be accepted at the door.**

Those who do not make a reservation cannot be guaranteed a meal.

**EXECUTIVE BOARD MEETING**

September 19, 2012

Meeting held at The Best Western Seven Seas – The Lord Jim Room, 411 Hotel Circle South, San Diego, Ca. 92108

**Board Members Present:***Blake Torgersen, President**Paul Goebel, Vice President**Tony Nothdurft, Treasurer**Steven Heise, Secretary**Gary Mellom, Representative**Anne Hoppe, Representative***Other Committee Members Present:***Jack Gechter, Website Chairman*

Blake Torgersen, opened the meeting at 4:10pm. The minutes from the August meeting were presented for approval. A **MOTION** was made to approve the minutes, **The MOTION was SECONDED. MOTION PASSED.**

**Presidents Report – Blake**

October Joint Meeting – The State CLSA is sending Bill Hofferber, Immediate Past President, Rolland Van DeValk, Secretary, and Jay Seymour, Treasurer as guest speakers - David Woolley is going to present the history of the CLSA.

Blake to follow up with Dave Woolley and confirm Orange County's participation.

Board meeting will commence at 4pm again next month.

SD County Cartographic Services moving – Steve to send email blast to all members, also to be posted on the SD-CLSA Web site.

**Vice Presidents Report – Paul**

Upcoming Meetings: October 17<sup>th</sup> - **The Longboarder Café** - 400 Mission Ave. Oceanside, CA

92054 (760) 721-6776 .

November 15<sup>st</sup> – Best Western Seven Seas-Rob Hawk-Geologist-

Mount Soledad Land Slide

December still to be determined

TABLED item from Last Month presented by Anne Hoppe- Education Foundation MOU – endowment for Geomatics Professor at Fresno, who is a Professional Land Surveyor. State CLSA to match up to \$500.00 the Lyle Foundation to match total combined amount. **MOTION to donate \$2000.00 which the State CLSA will add \$500.00 to and the Lyle Foundation will match for a combined contribution of \$ 5000.00. SECONDED.....MOTION PASSED Action – Tony to send payment.**

Nominations – to be presented at the General Meeting and sent to the State CLSA

**Treasurer's Report – Tony**

Membership drive to start in November

**Secretary's Report – Steven**

Follow up Report from Terrence Connors, SD County Survey

“ The County has recently scanned additional documents that will be digitally uploaded into our new fully digital Survey Records System (SRS). Our goal is to make everything available to you from your home or office. We are also preparing for the big move to our new facilities at 5510 Overland Ave. Room 270. While it is true that we will not have the same available floor space as before, rest assured that no historical or vital documents are being thrown out. These originals are being boxed and will be stored in our secure Iron Mountain facility from which they can be retrieved at any time.”

**Representatives Report– Anne Hoppe**

Outreach opportunity to layout soccer fields, next year through the A.Y.S.O.

November 3<sup>rd</sup> next State Board Meeting

Chapter Reps, will not be required to take a Director's Oath at the State CLSA.

**MOTION:** To have all State Educational Opportunities to be listed on our local website.

**SECONDED.....MOTION PASSED**

**ACTION:** Anne to provide details to John Butcher

BPELS has a new website

State CLSA Annual Conference March 23-27, Silver Legacy in Reno

Anne to co-ordinate attendees for the November State Board Meeting

**Other Business**

SD-CLSA Rooster – Tony is working with Karen to complete this task.

Format and Posting to the Website to be investigated by John Butcher,

- Format to be reviewed by the board

Appreciation Awards for speakers and volunteers, ie. CLSA Mugs, Brass Compass,

**ACTION** - Steven to research options for next meeting.

David Paul Johnson, has worked very hard for several years on the tournament and other educational events. As has John Butcher and Karen Koklich. **MOTION** – authorizing Tony to spend \$250.00 on awards to recognize these three individuals. **MOTION TABLED**

**Golf Tournament**

**MOTION** to hire Cori Vernam to help organize the golf tournament for a nominal fee of \$400.00.

**SECONDED.....MOTION PASSED**

Paul, Tony, Steven, Jack and James formed a committee and put this years' Golf Tournament Scholarship Drive into action.

The tournament will be taking place on Friday at The Vineyards Golf Course.

**2012-2013 LSR**

David Paul Johnson has asked, by letter, to step aside as the LSR Coordinator this year.

Jack Gechter will remain on board as Sergeant at Arms

Tony has volunteered to be board liaison on the LSR Committee

Steven and Tony will ask Bob Hagler to be the new LSR Coordinator

**Education Foundation/Scholarships**

Dave Ambler to work on guidelines for the newly formatted Vance Breshear Scholarship's.

**Legislative & Government Liaison**

Committee will be meeting on Saturday

**Newsletter**

Still looking for a replacement for Casey, **ACTION** Tony to follow up with perspective replacement.

**GIS**

Blake appointed Dave Viera to the GIS Committee on Karen's request.

ACSM/ARSI Conference 12 members from SD CLSA attended

There are members who have offered their services to committees through the website, Karen will forward the contacts to Blake for follow up.

**Private Records**

To review the Curt Brown Private Records, costs of scanning and indexing to post on the website.

**MOTION to adjourn the meeting,**

**CALIFORNIA SPECIFIC LAND SURVEY EXAM REVIEW SERIES (2012-2013).**

Registration for the CLSA SD Chapter CA-Specific Land Survey Exam Review Series (2012-2013) is now open. The review series is composed of 18 sessions and will cover topics that have historically been found to be pertinent to the LS Exam including STATISTICS, PHOTOGRAMMETRY, GPS AND GEODESY, STATE PLANE COORDINATES, CONSTRUCTION, SUBDIVISION MAP ACT AND PLS ACT, PUBLIC LAND SURVEY SYSTEM, BOUNDARY AND LEGAL DESCRIPTIONS. Also included in the sessions will be discussions regarding test taking strategies, exam preparedness, study habits and plans, and periodic topic review.

The total cost of the 18 sessions is \$180 for confirmed 2012 members of any local chapter of CLSA and \$230 for non-members (\$30 of which can be applied to a 2013 San Diego Chapter membership. Payment may be made with credit card via the CLSA SD Chapter web site (preferred) or at the door (cash or check only).

*If Credit Card payments are done, please provide a copy of the receipt on the first night.*

Class materials will be available for download via an ftp site; the address and login information will be provided after payment has been received.

Sessions will held every Thursday evening from 6:30 pm to 9:00 pm beginning Thursday November 15, 2012 and concluding on Thursday April 18, 2012 EXCEPT for Thanksgiving Day , November 22, 2012 and two days during the Holiday period: December 22, 2012 and December 29, 2012.

No partial registration is allowed.

The series will be held at the Caltrans D-11 office in Old Town San Diego located at 4050 Taylor Street, San Diego, CA 92110 (Lat 32°45'25" Lon -117°11'55"). Parking at the facility is adequate and free. Registrants are encouraged and should commit to attending ALL sessions.

[Registration will be via the CLSA web site only.](#) Registrants should fully complete the on-line registration form. All communication associated with the program will be by email. It is the registrant's responsibility to provide a working email address to insure all communications are received in a timely manner.

Attendance records will be kept and a certificate of attendance will be provided via email at the conclusion of the series.

Education Committee. CLSA-SD Chapter.

## Job Opportunities

**Burkett & Wong Engineers** is seeking to fill a challenging opportunity for a self motivated, energetic, analytical, highly competent, customer-focused **Surveying Professional**.

Candidates submitting resumes should enjoy being on the leading edge of surveying technology. Excellent communication, leadership and training skills, willingness to travel and mastery of field and office survey methods are required. The ideal candidate will possess at least 5 years of field experience and office surveying experience, possession of a valid California LSIT certificate and a valid California Driver's License. Candidate must be able to display a solid understanding of project budget requirements, time management skills, client relations and project management skills.

Under the direct supervision of a Licensed Land Surveyor, candidate responsibilities may include planning, assigning, reviewing and producing final deliverables for every survey product. Essential Job Functions Include:

- 1) Knowledge of field/office surveying methods, practices, techniques, legalities and mathematical procedures for surveying.
- 2) Knowledge of elementary principles and practices of surveying for engineering projects.
- 3) Ability to understand and interpret legal descriptions and record survey maps; understanding and interpreting engineering plans, diagrams, and notes.
- 4) Ability to perform complex mathematical calculations with speed and accuracy, plan and organize the work as a 1 man field survey crew to achieve optimum efficiency.
- 5) Ability to work effectively in a team environment and to supervise, train, and evaluate subordinate field survey personnel.

If interested in applying please provide email Casey Lynch (clynch@burkett-wong.com) with your resume, recent samples of work, including field sketches, field notes, and any other pertinent information deemed valuable for consideration.

## September 2012 CLSA General Meeting Minutes

September 19, 2012

Meeting held at Best Western Seven Seas, Mission Valley

Blake Torgersen opened the meeting at 7:00pm with a call to Dinner.

7:18pm Blake briefly reviewed the executive board meeting held earlier and the highlights:

- The upcoming Joint Meeting with the Orange County CLSA Chapter
- The pending move of the SD County Surveyors Office
- The endowment for the Professor at Fresno
- The Golf Tournament
- The November meeting will be on the 2<sup>nd</sup> Thursday of the month to move it away from Thanksgiving
- The Nominations for next year's board were read in.

**A MOTION for the Floor** to approve the slate as presented was given

**The MOTION was SECONDED and PASSED**

Anne Hoppe gave an update of upcoming educational events and explained that the details will be posted to the Chapter website.

At 7:35pm Paul Goebel introduce the guest speaker Michael Durkee the topic was:

### ***Court of Appeal of California case, Sierra Club v. County of Napa***

Mike Durkee is an Attorney at Law at Wactor & Wick LLP. Mike is an expert on land use in California and provides seminars on the Subdivision Map Act and CEQA that are well known to Land Surveyors and other land experts.

Door prizes were awarded throughout the evening.

The meeting was adjourned at 9:00pm

## CLSAEF/CSUF ENDOWMENT FUND

Fund as of **SEPTEMBER 25TH: \$79,805** (Phase 1 Goal is \$25, 000)

**The Issue:** California has been steadily reducing funding for educational institutions. The CSU Fresno Geomatics program, one of only two ABET surveying engineering accredited degrees in California, is considered to be small and is more susceptible to cutbacks or elimination. Both professors that hold a professional land surveying license, are now retired

**The Solution:** The CLSA Education Foundation has worked with CSU Fresno to create an endowment that will fund a full-time professor licensed to practice land surveying in California. This will help to ensure that the CSU Fresno Geomatics program continues.

**Donate by SEPTEMBER 2013 and Lyles Foundation will match all donations, dollar-for-dollar!**

Use the donate button to donate via PayPal, or, contact the CLSA Central Office at (707) 578-6016 to pay by credit card, or, mail your check payable to CLSA EF to 526 South E Street - Santa Rosa, CA 95404 [Click Here for More Information and a List of Donors](#)

**DONATIONS ARE TAX DEDUCTIBLE -  
DONATE TODAY TO ENSURE TOMORROW!**



## EDUCATIONAL OPPORTUNITIES

Pacific Land Seminars LS and LSIT review seminars, advanced survey topics and various Surveying seminars such as Land Description Fundamentals, Advanced Land Descriptions, Fundamentals Of The U.S.P.L.S.S., Advanced Problems In The U.S.P.L.S.S, Boundary Control, Boundary Law. Lot Line Adjustments / Lot Line Agreements, Legal Research, Water Boundaries, Easements And Reversions, Resolving Conflicts Of Evidence, The Surveyor In Court, A.L.T.A. Surveys, Subdivision Mapping, Entitlements, Condominium Plans, G.P.S. Surveys, Photogrammetry For The Surveyor, Basic Geodesy, State Plane Coordinate Systems, Error Theory & Measurement Analysis, Ethics And Standard Of care. Excellent source for Surveying publications. [WWW.PACIFICLAND.COM](http://WWW.PACIFICLAND.COM)  
tony@pacificland.com <http://www.pcpresinc.com> 562/431-1656

College of the Canyons - Associate in Science Degree and Certificate of Achievement: Land Surveying. Contact [www.canyons.edu](http://www.canyons.edu) or 661-362-3300.

Geospatial Analysis and Technology – Seminars, courses and software training. [www.UCRExtension.net/geo](http://www.UCRExtension.net/geo) 951-827-4105.

CSU Fresno Geomatics Engineering Dept. Contact [www.csufresno.edu/geomatics/](http://www.csufresno.edu/geomatics/) for program and on-line courses.

CSU Pomona Surveying Program [http://www.csupomona.edu/%7Ece\\_surv/surveng/index.html](http://www.csupomona.edu/%7Ece_surv/surveng/index.html)

Santiago Canyon College Surveying and Mapping Program Associate degree and LSIT review certificate. <http://www.scccollege.edu/Departments/CareerEd/Survey/Pages/SurveyDegreePrograms.aspx>

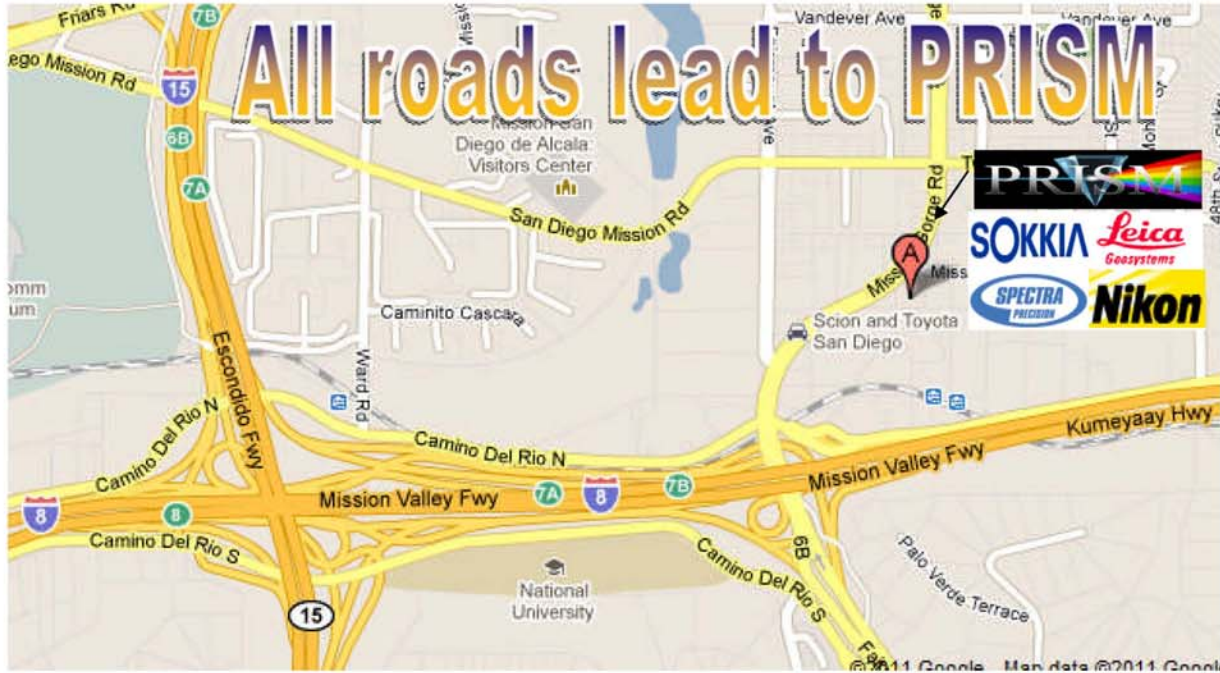
Rio Hondo College Surveying Mapping & Drawing Certificate of Achievement. GIS program. <http://www.riohondo.edu/>

**Cuyamaca College Surveying Program: <http://www.cuyamaca.edu/surveying/>  
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## What Else...

### **CLSA San Diego Survey Student Stipends**

The Stipend program's goals are to: provide funding for local students taking college level survey related classes. They will receive \$150 for an A, \$100 for a B, \$50 for a C. It will be limited to one survey class per student per semester. The Class must have been completed within the last 6 months. Applicants must be current members of the San Diego Chapter of CLSA.

#### **Licensed Land Surveyors are now eligible.**

All applications are subject to approval by the executive board. Applicants need to mail in a copy of their grade (of a surveying class) to: CLSA San Diego, 5519 Clairemont Mesa Blvd. Mail Box 261, San Diego, California 92117.

#### **Newsletter**

Members can only receive newsletters via email.

Request an email copy only:

[clynch@burkett-wong.com](mailto:clynch@burkett-wong.com)

Notices, original articles and other relevant information are encouraged for publication in the newsletter. There are many interesting and pertinent articles in other publications. Mention of articles is encouraged, but please provide your remarks, summary in a Word doc format and a link to the article, rather than copying the whole article. PDF or JPEG format sized to approx 300 KB or less is best for graphics. Large reference files may have to be forwarded separately. Newsletter is distributed by the first Wed of the month. Send items to Casey Lynch at [clynch@burkett-wong.com](mailto:clynch@burkett-wong.com) by the last Saturday of the month.

*Information in this newsletter is not necessarily endorsed by CLSA or CLSA San Diego.*

**\* New Lower Advertising Rates Ending April 2011 \***  
**Advertising policy approved by the Board:**

The **new rates** are: 1) full page one time in newsletter \$80.00. One year paid in advance \$650.00. 2.) ½ page one time in newsletter \$55.00. One year paid in advance \$400.00. 3) Business card size ad one year in newsletter \$80.00. 4) Employment offers by a member free for 1 month, extended if needed. 5) One time use of front page in newsletter \$50.00 in addition to ad cost.

Contact Newsletter Editor Casey Lynch [clynch@burkett-wong.com](mailto:clynch@burkett-wong.com) for newsletter advertising. 5) Web-site banner \$100.00. Other Web-site advertising charges to be determined. For web-site advertising contact Website Coordinator:

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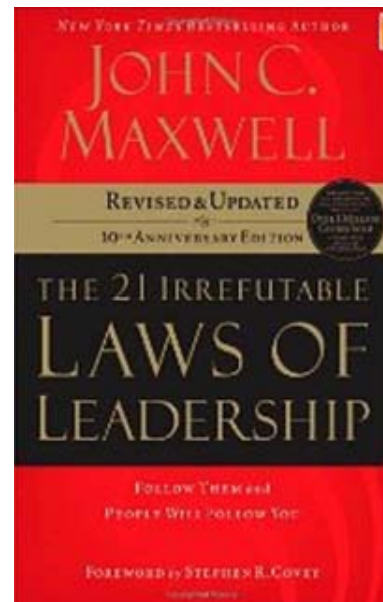
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## Book of the Month



### **The 21 Irrefutable Laws of Leadership: Follow Them and People Will Follow You**

By: John C. Maxwell  
Amazon Price: \$15.36



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**Dr. Cyrus Saghafi**  
Program Coordinator\*

Contact for Department:  
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## SURVEYING

Surveyors are involved in land surveying, route surveying, construction surveying, photogrammetry, mapping, global positioning systems, geographical information systems, and other areas of property description and measurements. The surveying curriculum provides training in the many of these areas.

Course work includes the communication and computational skills required for boundary, construction, route, and control surveying, photogrammetry, topography, drainage, surveying law, and subdivision design, with specific emphasis upon applications of electronic data collection and related software including CADD. Graduates should qualify for jobs as party chief, instrument person, surveying technician, highway surveyor, mapper, GPS technician, and CADD operator. Graduates will be prepared to pursue the requirements necessary to become a Registered Land Surveyor in California.

Accuracy is a must! The public and the government require that surveys be accurate and precise. Math skills are vital to success in this profession. Most surveys involve computations, using algebra and trigonometry.

Upon completion of the Surveying Technology program at Cuyamaca College a student receives a 2-year AAS degree; Associate in Applied Science. Upon graduation, you would have two choices

- Begin working in your career field or
- Continue your education by pursuing a BS degree in technology at a four-year institution.

This is a two-year degree. Some students require a few remedial courses in Math and English and, therefore, may take an extra semester or two to complete the program.

The surveying technician must have the following skills upon graduation in order to gain successful employment in various areas.

- Manual drafting skills
- Computer-Assisted Drafting skills
- Field use of surveying equipment
- Ability to read and interpret drawings and maps
- Ability to prepare maps and plats
- Ability to write simple property descriptions
- Understanding of NC surveying regulations
- Ability to perform complex surveying computations

#### FACULTY

- [Jaime Tavnor](#)
- [John Butcher](#)



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