

# The Observer

SAN BERNARDINO VALLEY AMATEUR ASTRONOMERS

Member of The Astronomical League

<http://sbvaa.org/>



Volume #54, Issue 10

Since 1958

October, 2013

## Meeting:

October 19, 2013

### Location:

**Grove School Farm**  
corner of Orange & Iowa  
Redlands, CA

From I-10, take Alabama exit and go south to Orange, turn right. School will be just past Iowa on your left.

Pre-meeting Dinner, **4:30** p.m.,

***The Sizzler***  
**1800 So. Waterman**  
**Ave.**  
**San Bernardino, CA**

After the meeting telescopes will be set up for viewing and members will be available to answer questions. Bring your telescope to observe with us.

*No telescope is too humble, and beginners are always made welcome!*

## Program

# Meet Our New Club Site

→ **Meeting time is 6:00 p.m.** ←

Come and get acquainted with your club's new meeting location. Be sure to bring a telescope or binoculars to test the new location's sky conditions. Grove School is one of Redlands' great educational resources and so our club should be a natural fit with their goals. Many of our public outreach friends will be very happy to learn that we have "partnered" with Grove.



## SBVAA Officers

President:

Vice President:

Treasurer: Fidel Hernandez 909-864-0615

Secretary - Educational Outreach: Chris Clarke  
909-384-8539 Work  
909-875-6694 Home

Star Party Coordinator: Tom Lawson  
909-8828198

SBVAA Webmaster: Steve Miller 626-859-7776

Newsletter Editor: Jim Sommer 909-792-3587

## Calendar of Upcoming Events

Nov 2, Star Party, Johnson Valley

Nov 7, Outreach, Kendall School, San Bernardino

Nov 13, Outreach, Lincoln School, Colton

Nov 16, Club Meeting, Grove School

Nov 28, Thanksgiving

Nov 30, Star Party, Johnson Valley

Dec 7, Annual Club Holiday Get Together,  
Shakey's Pizza, Redlands

# SBVAA Has A New Home

**Please note earlier times for dinner and club meeting!**

The Grove School Farm, located on Orange St. between Nevada and Iowa streets.

Corner of Orange and Iowa streets.

From Alabama, drive west on Orange. Just past Iowa, on your left, there is a break in the fence leading into a parking area. Turn in there and park near the buildings.

The Grove School's mission is to provide a unique learning environment consistent with Dr. Maria Montessori's vision for secondary age students. Students will be encouraged to reach their full potentials as self-directed individuals within the framework of a Montessori educational system. Grove provides an intelligent and positive approach to learning by creating an effective learning environment for 12-18 year olds. The school is also teaches agricultural applications, both conceptual and "hands on." The students host a farmers' market every Saturday morning where you can buy fresh, in-season vegetables and fruits.

U.S. News and World Report has listed Grove as one of the top high schools in the United States and the California Department of Education has named Grove as one of our states few *Distinguished* schools.

## November School Outreaches

By Chris Clarke

Well, we finally got a couple of schools asking for outreaches! The weather had been bad earlier in the year and no one wanted to try anything, so we'll make up for lost time before the year ends.

Our first event is on **Thursday, November 7, at Kendall School in San Bernardino (4951 State St)** from 5:00 to 6:30 pm. Setup will begin at 4:30, with sunset at 4:50 pm. We'll have a nice crescent moon and Venus at quarter phase---being half full in appearance.



The next outing is on **Wednesday, November 13 at Lincoln School in Colton (444 E. Olive St)**. We'll view from 5:30 to 7:30, with setup anywhere from 4:30 to 5:30 pm. The moon will be a nicely gibbous and Venus still half full. This school usually has a tremendous turnout (one year there were about 400 people), so we can use all the scopes and help we can get!

This is an "inner-city school" and these folks really enjoy and appreciate the opportunity to look through a telescope. You can be sure that the sharing of your time and instruments is very significant.

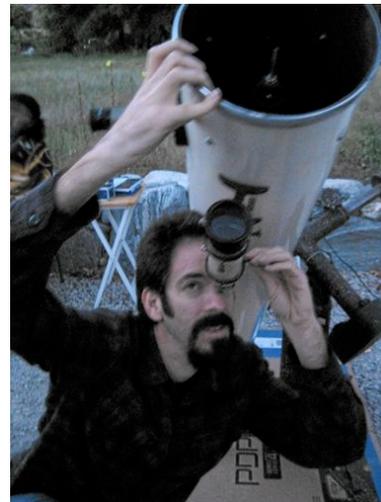
Everyone has a great time, so I hope to see you there!

## 2014 ASTRONOMY CALENDARS

The 2014 "Deep Space Mysteries" calendars from Astronomy Magazine are here. they will be available for sale starting with the club meeting in October.



We have 30 for sale on a first come first served basis. The retail for this calendar is \$12.95 plus \$1.00 tax or \$13.95 altogether. Your cost, through the club this year, is \$8 -- a savings of \$6. See Fidel, the club treasurer, at the back of the room to make your purchase. Reservations are accepted.



Final tuning for a night at Oak Glen

## *Plan Ahead*

### **2nd Annual Arizona Science & Astronomy Expo**

November 16 & 17, 2013, Tucson, Arizona.

Last year's inaugural expo was outstanding with top speakers and a massive vendor hall. For 2013, three stellar speakers have already signed: **Alex Filippenko**, world renowned astrophysicist and professor of astronomy, **Timothy Ferris**, astronomer and author of twelve best selling books, retired astronaut **Story Musgrave** and **Emily Lakdawalla**, Senior Editor & planetary evangelist.

Tickets are only \$10 per day plus \$1 for parking. Children under 12 enter for free. Ticket price includes all activities and presentations.

November 16th and November 17th 2013. Being held at the Tucson Convention Center Tucson AZ.

[www.scienceandastronomy.com/](http://www.scienceandastronomy.com/)

or if you are on Facebook

[www.facebook.com/groups/ASAExpo/](http://www.facebook.com/groups/ASAExpo/)

## Events

- [Southwest Astrophotography Seminar](#)
- [Comet Discussion Panel](#)
- [University of Arizona, mirror lab tours](#)
- [Mt. Lemmon SkyCenter "SkyNights" Program with Adam Block](#)
- Visit [The Challenger Space Center Arizona](#)
- [Visit Kitt Peak National Observatory](#)
- [Digital Planetarium Shows throughout the day](#)
- [Daily Solar Observing](#) with **CBSAP** Director Stephen Ramsden, Randy Shivak, Roger Kennedy and Lunt Solar Systems.
- "Mighty Sky Night" at the Arizona Sonora Desert Museum concert with [Beth Nielsen Chapman!](#) **[Details and ticket information here!](#)**
- Visit the Gallery of International Association of Astronomical Artists while at the show!  
[IAAA](#)

**HUGE vendor display and sale area  
downstairs in the Convention Center.**