



The Observer

SAN BERNARDINO VALLEY AMATEUR ASTRONOMERS

Member of The Astronomical League

<http://sbvaa.org/>



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Since 1958

June, 2017

Meeting:

June 10, 2017

Location:

First Christian Church
2102 E. Foothill Dr.
San Bernardino, CA

7:00 p.m.

Pre-meeting Dinner,
5:00 to 6:30 p.m.,

★ *New!* ★

Jenny's Family
Restaurant
7750 Palm Ave.
Highland, 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

Grand View Skies

Martin and Chris will be presenting a "Grandview Skies" program for the meeting. It will feature the terrific spring and summer celestial objects that will be enjoyed up at Grandview as well as during the rest of the summer.



In addition to the many star clusters, nebulas and asterisms, Jupiter and Saturn should be putting on a great show!

(Photo credit: Bureau of Land Management)

SBVAA Officers

President: Jamie "Rue" Countryman
951-807-4344

Treasurer: Fidel Hernandez 909-864-0615

Secretary - Educational Outreach: Chris Clarke
909-754-3894 Home

Star Party Coordinator: Tom Lawson
909-8828198

SBVAA Webmaster: Gerald Rezes
909-810-7217

Newsletter Editor: Jim Sommer
909-792-3587

Assoc. Editor: Megan Huynh (cel)
818-572-3554

Calendar of Upcoming Events

June 10, Club Meeting

June 23 - 25 *Grand View Star Party*

July 8, Summer Social at the Sizzler

July 22, Star Party, Oak Glen

August 5, Annual Club BBQ

August 19, Star Party, loc. TBD

Sept. 9, Club Meeting

Sept. 22 24, *Star Party, Grand View*

Oct. 7, Club Meeting

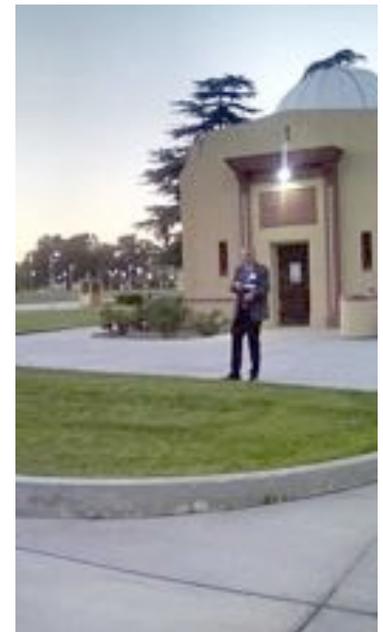
Chris Clarke Swallows The Anchor

(For you non-naval folks, it means he retired)



Chris and fellow club member Pat Jenkins -- Chris shows off his retirement plaque.

Chris in front of his second home: The Vally College Planetarium



Chris receiving his Award of Excellence from Dr. Kay Weiss



Recent Outreaches

As you all know outreaches are a big part of our club activities. The 2016/2017, fall, winter and spring observing season saw a substantial increase in requests for our club to participate in school science activities. With each outreach we plant a seed of curiosity and wonder. Who knows which seed will grow into the next Caroline Herschel or Edwin Hubble; Clyde Tombaugh or Vera Rubin. But we have planted the seed and that is what matters.



Dunlap Elementary School,
Yucaipa

Competitive Edge Charter
School, Yucaipa



The first results from Juno's brush with Jupiter reveal swarms of cyclones, massive ammonia plumes and complex interactions between a turbulent magnetic field and powerful streams of electrons. The Juno team is still sifting through the massive piles of data the probe is sending back from the gas giant.

(For more info, go to Astronomy.com)

Another Comet

Comet Johnson (C/2015 V2) has been making its way toward the inner solar system for the better part of a year. This month it makes its closest pass to Earth, coming within 75 million miles as it prepares to swing around the sun next week. The comet is currently shining at magnitude 7.5, making it an easy target to see with binoculars, and it is well placed for mid-northern latitude sky-watchers, who will see the bright fuzzy blob glide through the constellation Boötes, the herdsman.



(Comet chart credit: Comet Watch.com)