



# **Bulletin of the Mineralogical Society of Southern California**

Volume 90 Number 11 - November, 2017

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*The 950<sup>th</sup> meeting of the Mineralogical Society of Southern California*

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*With Knowledge Comes Appreciation*

**November 10<sup>th</sup>, 2017 at 7:30 P.M.**

**Pasadena City College  
Geology Department, E-Building, **Room 110**  
1570 E Colorado Blvd., Pasadena**

**Program:** A Visit to The Pasadena City College Mineral Museum, By Bruce Carter

*\*Note the room number above is 110, not 220*

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**Remember:** If you change your email or street address, you must let the MSSC Editor and Membership Chair know or we cannot guarantee receipt of future Bulletins

## About the Program: A Visit to The Pasadena City College Mineral Museum:

Hosted by: Bruce Carter

Bruce Carter will open the Pasadena City College Mineral Museum for our November 10th meeting. Bruce will also give a talk on the history and the contents of the PCC Mineral Museum.

We will meet in room E-120, which is located directly below our usual meeting room. There are seats enough for 15 or more people, but plenty of standing room. Bruce did this a few years ago and it worked out just fine. I will make sure we have a posted sign on the door of room 220 (our usual meeting room)

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## From the Editor:

It's that time of year again! MSSC has a very busy time ahead. Our annual Officer Election is this month, we have an upcoming visit to **Jewel Tunnel Imports**, it's time to make your **Annual Banquet Reservation** and **Dues are Due by Jan 1., 2018!**

Information about all of this fun stuff is in this bulletin for you. A 2018 Membership form is also included for your convenience. If you plan on attending the Annual Banquet, why not include your reservation and payment with your dues. Saves a stamp and gets everything done at once!

Oh Yea, I don't want to forget to wish everyone a safe, healthy and happy Thanksgiving! Linda Elsnau

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## MEANDERINGS FROM THE PRESIDENT by Ann Meister

Elections for the officers and directors to serve the MSSC in 2018 are at the November meeting. Nominations were listed in the September *Bulletin* and will still be taken from the floor. Please come and support your Society. The officers and directors that you elect will be installed at the Annual Installation Banquet on January 13. Don't forget the silent auction at the Banquet. Donations are always needed.

**JTI OPEN HOUSE!** Mark your calendar. The official invitation for MSSC to the JTI Open House is on Saturday, **December 2<sup>nd</sup>, 2017** from 10 AM to 4 PM. If you can't make it on the 2<sup>nd</sup>, I've been told that you can "quietly merge" with other groups on their dates: November 4, December 2 or December 9. See elsewhere in the *Bulletin* for details. This is always a fun activity. For UCLA and USC football fans, I'm sorry it's on the big game day, but which is more important? **Please RSVP** to me at [president@mineralsocal.org](mailto:president@mineralsocal.org)

Does anyone in the micro-mineral world enter the Nikon Small Worlds microscope photography contest? I saw this article about it (<https://www.theatlantic.com/photo/2017/10/photographing-the-microscopic-winners-of-nikon-small-world-2017/542160/>) and was awed by the quality of the pictures however, they all seemed to be from the world of life sciences. For 2017, First place was human skin cells; Second place was a flowering plant seed head; Third place was algae releasing its daughter colonies. The Fifth-place winner in 2017 was mold on a tomato, though at first, I was hoping it was okenite. What about the physical sciences? What about the beauty in the micro-mineral world? Looking back over past years' winners, I did find a polished slab of Teepee Canyon agate that won Second place in 2016. The 90x magnification picture was taken by Douglas L. Moore of the University of Wisconsin, Stevens Point. In looking through the Galleries, I saw Agate, Mineral, Quartz, Topaz, Fossil, and Snowflake as topics. The only name I recognized was John Koivula of the GIA who has been a speaker at MSSC meetings, fascinating us with pictures of inclusions in minerals. John won First place in 1984 with a picture of inclusions of goethite and hematite in Brazilian agate. John has a number of entries and various winners. See the Nikon Small World website <http://www.nikonsmallworld.com/> for the details on how to enter.

I wish you all a happy holiday season. From Halloween to New Year's Day, there's just so much going on. But I do hope to see you all at JTI for your gift shopping. Even if the gift is from you to you.

## OTHER (FREE) THINGS TO DO...

The **Von Kármán Lecture** on **November 16 and 17** is titled “Mars 2020, or There and Back Again” by Ken Willford, the Deputy Project Scientist for Mars 2020 who also directs the JPL Astrobiogeochemistry Laboratory. This is a rover mission with objectives that include exploration of extremely ancient habitats to enable the collection of a set of samples that could one day be returned to Earth. Analysis of carefully selected samples from Mars in laboratories on Earth would transform planetary science and the search for extraterrestrial life Thursday is at the Von Kármán Auditorium at JPL and Friday is at the Vosloh Forum at PCC. Start time is 7 PM.

The **Watson Lecture** at Caltech’s Beckman Auditorium is on **November 15** at 8 PM. Heather Knutson, Professor of Planetary Science at Caltech presents “The Grand Tour: Exploring Planets Outside the Solar System.” The past decade has marked a period of great progress in our quest to discover and characterize the properties of the planets outside of our own solar system. Observations of eclipsing systems, in which the planet periodically passes in front of and then behind its star as seen from the earth, have given us new insight into the nature of these alien worlds. Knutson will discuss ongoing efforts to investigate the diverse properties of exoplanetary systems using a combination of both ground- and space-based telescopes.

The **UCLA Meteorite Gallery** is having a special event on **Sunday, November 5**. UCLA will host the grand outreach event “Exploring your Universe”. From 12 noon until 5 PM there will be science exhibits and demonstrations organized by students and staff that provide a look into real science for all ages, “from K through Gray”. The Meteorite Gallery will be open during this period and the Utas Family will bring in a number of meteorites from their collection for a show and tell exhibit in Geology room 3814, near the Meteorite Gallery which is in Geology room 3697.

**Check your shelves, boxes, garage and the back of your closet for  
DONATIONS to the SILENT AUCTION for the BANQUET on  
JANUARY 13, 2018**

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## MINUTES of the Membership Meeting, Friday, October 13, 2017

On Friday, October 13, 2017, the 949<sup>th</sup> Membership meeting of the Mineralogical Society of Southern California (MSSC) was called to order at 7:34 p.m. by President Ann Meister. Ann asked if there were any guests this evening. Nicole Koga attended the meeting, wanting to what it was all about, and by the close of the meeting, she became a member. Welcome, Nicole!

President Meister asked for corrections or additions to the **Minutes of September 8, 2017 Membership Meeting** as published in the October 2017 *Bulletin*. Seeing none, a **MOTION** was made by Dr. Bruce Carter and seconded by Dr. George Rossman to **approve the minutes as published**. After asking for discussion and hearing none, Meister called for the vote to approve, which **passed unanimously**.

### Regular Business

-The deadline to submit items for the *Bulletin* is October 22, 2017. Editor Linda Elsnau would appreciate any articles and/or photos you would like to have included. Ann expressed how our *Bulletin* is looking great. The members in attendance gave a round of applause for Linda for a job well done. Thanks, Linda;

-Jewel Tunnel Imports, JTI, has not confirmed the Open House date for the holidays. The Open House *may be 1<sup>st</sup> Saturday in December*, **but** check the *Bulletin* for confirmation;

-The next **Board Meeting will be December 3<sup>rd</sup>** at the Dr. Carter residence. All are welcome but please RSVP Ann Meister via e-mail;

-Slate of Officers for 2018:

President	Dr. George Rossman
Vice President	Renee Kraus
Secretary	Angela Guzman
Treasurer	Jim Kusely
CFMS Director	JoAnna Ritchey
Director #1	Pat Caplette (2018, 2019)
Director #2	Pat Stevens (2018, 2019)

Dr. George Rossman has graciously agreed to become President. Renee Krause has agreed to become Vice President. Ann Meister will become Past President and Geoff Caplette will be retired as Past President.

These changes will become effective at the January 2018 Installation Banquet unless *you* make a nomination at the next Membership meeting. Members in good standing qualify to become an officer of MSSC. Nominations will be taken from the floor at the November 10, 2017 meeting. So, if you would like to participate in a different capacity with MSSC, we invite you to serve as an officer! Nominate yourself or ask someone to nominate you. Please don't nominate someone if you haven't asked their permission.

Here's a special big THANK YOU to Geoff, George and Ann. MSSC would not be as great as it is without each of you!

### **Announcements**

-Trona show is this weekend, October 13, 14 and 15;

- von Kármán Lecture will be at JPL and PCC on 10/19 and 10/20, respectively. The topic is: "*Sink or Swim? Using Radar to Protect California's Water Supply*";

-UCLA Meteorite Gallery Lecture will be Sunday, October 22<sup>nd</sup>. The topic is "*How to find meteorites with weather-radar observations of fireballs Opportunities for "citizen science" in the U.S. and worldwide.*" The lecture begins at 2:30 pm in room #3656, Geology Building;

-Cal Tech's Watson Lecture Series will be held November 1<sup>st</sup> and is titled: "*Going Out in a Blaze of Glory: Cassini Mission Highlights*" with presenter Linda Spilker. Ms. Spilker is a JPL Cassini Project scientist. The lecture begins at 8:00 pm in Beckman Auditorium;

-Carnegie Observatories is having an Open House this Sunday starting at 2:00 pm. Ann said they also sponsor lectures at Huntington;

-Gem Institute of America, GIA, has a new exhibit open today. On loan from a private collection, "Centuries of Opulence: Jewels of India" is a showcase exhibit not to be missed.

**Show & Tell** – Nothing this meeting.

### **Programs Chair Announcements**

Rudy Lopez, Program Chair, made the following announcements:

-Our annual Installation Banquet will be held the 2<sup>nd</sup> Saturday in January 2018, the cost has increased by \$1 to \$40 per person;

-Tomorrow at Ralph Clark Park in Buena Park, MSSC will be doing cabbing (Angie) and wire wrapping (Renee) demonstrations. We will also have a mineral box for exhibits and lots of mineral specimens for the kids. You are welcome to come, help and have fun;

-Rudy has been invited to the Natural History Museum of Los Angeles County (NHMLA) again (2<sup>nd</sup> year) to display his cabbing demonstrations. This event is in conjunction with an upcoming special exhibit, much like the "Diamonds: Rare Brilliance" from last year.

## Program

Rudy introduced Ellen Leask, a graduate student at Cal Tech working on her Ph.D. in planetary geology, exploring the history of Mars through mineralogy and spectroscopy. Ellen has her B.S. in Earth Science from McGill (Montreal, Quebec) and she spent a couple of years working oil and gas in Calgary (Alberta) before coming to Cal Tech. Her presentation today is **Mars Mineralogy**.

Ms. Leask starts by pointing out differences and similarities between Earth and Mars. Most noticeably is the size of the planets. Mars is approximately  $\frac{1}{2}$  the diameter of Earth. Mars is less dense with about 15% of Earth's volume and 11% of Earth's mass resulting in 38% of Earth's gravity. Mars' red color is attributed to the iron (III) oxide (rust) but, depending on the mineral content of where you are looking, the planet may have other surface colors such as butterscotch, tan or greenish. Some other comparisons are:

	<b><u>EARTH</u></b>	<b><u>MARS</u></b>
Crust	Basalt and granites	Peridotites and basalt
Crust age	Continents avg. 2bya* >	3.7 bya*
Atmosphere (Composition)	Nitrogen (77%), Oxygen (21%), Argon (1%) and Carbon Dioxide (0.038%)	Carbon Dioxide (95.32%) Nitrogen (2.7%) Argon (1.6%) Oxygen (0.13%) Water vapor (0.03%) and Nitric Oxide (0.01%)
Oceans	< 100 mya**	nothing current
Rivers	yes	nothing current
Winds	yes	yes, global dust storm 30 yrs ago
Volcanoes	yes	yes, recent last 100mya**
Plate tectonics yes		NO

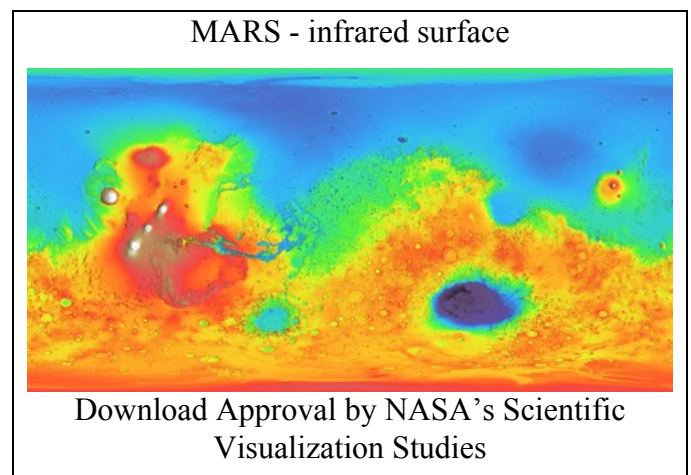
\*Billion years ago      \*\*Million years ago

What happened to the water? Why are there no rivers, lakes and oceans on Mars today? What about habitability? We can find answers by studying Mars' mineralogy.

In 1996 the Mars Global Surveyor was launched and performed various experiments. On board was a Thermal Emission Spectrometer (TES). TES is an instrument and a technique that uses infrared to measure heat radiating from Mars' surface. Other instruments include the Mini-TES, Omega, CRISM and THEMIS. Compact Reconnaissance Imaging Spectrometer for Mars, CRISM, the one used by Ellen in her research, searches for residue minerals in the presence of water, perhaps ancient thermal vents and the like. Also in the mix is x ray diffraction, which measures spacing between crystal layers. Curiosity's analyzer, CheMin, revealed feldspars, pyroxene and olivine while roving the planet.

The data, collected over the last 20 years, provides scientists with information from which they were able to create a map of the Martian surface. The map contains colorful areas representing different spectral points from which scientists are able to determine the minerals on Mars. We know from the data that there is silicon, iron, magnesium, aluminum, potassium and calcium and, from CheMin, feldspars, pyroxene and olivine. These are the major components of igneous rock.

Notice on the left in the greenish area, the larger single dot with 3dots east of it, in diagonal orientation south to north (on this map), this large dot is *Olympus Mons*, a shield volcano that is 374 miles in diameter and 16 miles high,





it's huge! The size, in all probability, is due to the lack of tectonic plates on Mars which allows for free volcano deposit flow without restriction by crustal shifts. The other three are smaller volcanoes.

How do we know meteorites are from Mars? Meteorites found on Earth have inclusions of gas, which is very distinctive. Gas on Mars has been tested from space by remote sensing and by the landed rovers. That data is collected, analyzed then studied. From there, it has been determined that the same gas as measured on Mars appears in meteorites that have landed here on Earth. Other evidence is that they are basaltic or ultramafic and have mostly iron rich or magnesium rich minerals. The problem is that we don't know where on Mars the meteorites originate.

Habitability factors include energy, what will you eat? Then, where will you live? Perhaps in spaces like pores on the surface, in low radiation areas, places with moderate temperatures. What about chemical conditions such as acidity, salinity. How can minerals help answer these questions?

Ellen gave examples of Earth's hydro thermal vents and their reactions with olivine and serpentine and how that could help provide energy. Her presentation continued to cover preserved life (anoxic, i.e., river delta), trace fossils, orthopyroxenite, stromatolites, dino bones (Morrison Formation), and other relevant items.

Minerals of Mars include, iron, which gives the planet its red color, the meteorites Fe rich and Mg rich with gas inclusions. There is olivine at the Isidis Basin, (indented area above the huge deep blue circle toward the east). It is the oldest on Mars, +4bya\*. Other olivine is shown as greenish on the Mars map). Pyroxene distribution is most widespread. On the map shown as orange/red. There are clay sequences around the crater basins, which are approximately 3.7bya\*. Ellen told about phyllosilicates (micas, chlorite, serpentine, talc and clay minerals), silica, chlorides, carbonates, sulfates and other minerals.

Ms. Leask concluded by telling us about the upcoming 2020 mission to Mars. Three landing sites are being considered: 1) Gusev Crater in the Aeolis quadrangle – we've already been there, so it's a familiar territory, 2) NE Syrtis Major, (Syrtis Major quadrangle) a mountainous bedrock with volcanoes and just west of Isidis Basin – a diverse place and 3) Jezero Crater located in the Syrtis Major quadrangle, a delta like fan watershed with lots of clays. Jezero Crater is the most popular target for the 2020 Martian rover landing.

Of course, there was much more that Ellen presented, and she fielded a great Q & A following the presentation. Thanks Ellen Leask! Wow, what an enlightening look at our planetary neighbor, Mars. Ann wants to have a field trip up there. Me, too!

Door Prize was won by Mary Stambaugh. Congratulations, Mary.

Ann asked for any more business before the society and Rudy asked Bruce if he could arrange a visit to PCC's Mineral Museum downstairs. Bruce said he would do it.

Adjourn at 8:47 pm. Refreshments and good conversation followed in the break room.

Respectfully submitted by Angela Guzman, Secretary. (*Apologies in advance for any omissions or misspellings.*)

(If you missed this great presentation, you may want to seriously consider coming to the next membership meeting. MSSC always has quality, informative, well prepared, and professional presentations. Don't miss our next meeting. It will be at 7:30 pm, Friday, November 10, 2017 right here at PCC Geology. See you then!)

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### List of Upcoming MSSC Events : Mark your Calender!

Event	Date	Comments / Scheduled Program (if known)
<b>Meeting Dates:</b>	December 8, 2017	Eric Scerri: The Periodic Table, Its Story and Its Significance
	February 16, 2018	To be Announced
	March 9, 2018	Walton Wright: Continental Drift/ Plate Tectonics
	April 13, 2018	Pete Goetz: American Opal Society
<b>Annual Banquet</b>	January 13, 2018	Bill Besse: A Not so Quick Trip through China
<b>Board Meeting</b>	December 3, 2017	Board Meeting at Bruce Carter's house

*Note: Dates and programs shown above are subject to change. Check your bulletins to confirm final information each month.*

## UPDATE ON BURGLARY AT FALLBROOK GEM & MINERAL MUSEUM

### ***Some of the Tourmaline Specimens Stolen from the Fallbrook Gem & Mineral Museum have been recovered.***

The Laguna Beach Police arrested suspect Edward Torrison of Oceanside, California, on September 26th. He has pleaded guilty to four counts of second-degree burglary, two counts of grand theft and one count of receiving stolen property. He was sentenced, for his crimes in Orange County, to 32 months in state prison. *The burglary and theft at the Fallbrook Gem & Mineral Museum is still an ongoing investigation and charges have not yet been filed.* Authorities in San Diego are still building their case and continuing their search for accomplices.

### **RECOVERED**

Examination of evidence confiscated by the Laguna Beach City Police confirmed that three of the five major mineral specimens stolen from the Fallbrook museum have been recovered: • The 9-inch Tourmaline specimen from the Cryo-Genie Mine and the Tourmaline & Quartz specimen from the Queen Mine (3.15 inches tall) were both recovered intact with minimal damage.

- The 9-inch Tourmaline from the Cryo-Genie mine with the sidecar crystal has been destroyed. It was sawn into pieces and only a small portion remains. This wanton destruction of this major mineral specimen is heartbreaking.
- Of the "rough & cut" sets that were also taken, most of the quartz bases themselves were recovered. While some of the specimens and gemstones have been recovered, others are definitely missing.

### **STILL MISSING**

Neither the 6-inch Tourmaline, Quartz & Lepidolite specimen from the Pala Chief Mine (left), nor the 6-inch Tourmaline on Quartz from the Tourmaline Queen Mine (right) were located. They are still missing. A generous REWARD for information leading to the recovery these stolen pieces is being offered. Please call (760) 728-1130.



The Fallbrook Gem & Mineral Society is grateful that at least some of the specimens have been recovered. We can only hope that these other specimens will be found. Please help us recover from this burglary and theft by reporting any suspicious sales or activities to Detective Joel Couch, San Diego County Sheriff at (760) 451-3109 and refer to case #17147235.

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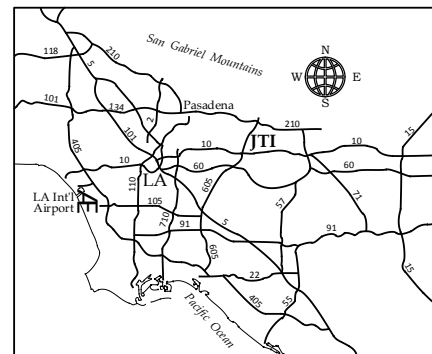
## **An invitation for the members and friends of the Mineralogical Society of Southern California to attend an open house at Jewel Tunnel Imports**

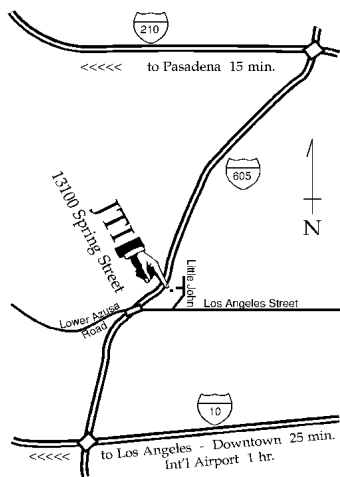
**Saturday December 2nd, 2017 - 10 AM to 4PM**

13100 Spring St., Baldwin Park, CA 91706, 626-814-2257

**RSVP** to Ann Meister if you plan to attend: [president@mineralsocal.org](mailto:president@mineralsocal.org)

Jewel Tunnel Imports is a leading wholesale distributor of mineral specimens, crystals, fossils, tumbled stones and many different kinds of lapidary items like balls, eggs, jewelry etc. made from different minerals. We have a warehouse in excess of 10,000 sq. feet full of mineral related natural history items, perhaps the largest of its kind in the United States. Check out our website [jeweltunnel.com](http://jeweltunnel.com)





Historically Jewel Tunnel Imports has had limited open house parties for mineralogically and geologically oriented groups such as the students and faculty of various university geology departments and members of certain gem and mineral societies. These open houses, by invitation only, on a few weekends just proceeding Christmas, offer a chance for individuals belonging to these groups to buy minerals and crystals at wholesale prices and to learn something about the wholesale gem and mineral business.

To get to JTI: From the 605 Freeway, Exit at the Los Angeles Street/Lower Azusa Road. Go East on Los Angeles Street to Little John. Turn North to Spring Street. At Spring Street, turn West. The JTI parking lot is straight ahead.

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## Make your Reservation to attend today!

### MSSC Annual Banquet

**Saturday, January 13, 2017**

The cost of the Banquet is **\$40.00.per person**

The speaker will be: **Bill Besse**

**Topic:** A Not so Quick Trip through China ♦ and ♦ the 4th International Mindat Conference – Myanmar In 2016, he and a few friends decided to go to the 4th International Mindat Conference in Myanmar (formerly Burma). Several gem mines were visited in the Mogok area. To get acclimatized to the change in time zones, the group decided to leave a few days before the conference. This turned into 12 days in China, visiting several mineral areas.

There is plenty of seating available. If you made a reservation and circumstances change where you or your guests cannot attend, please notify **Rudy Lopez before Wednesday, January 10th, 2017**. After Jan. 10th, if you cannot attend, you will still be responsible for paying \$40.00 for each individual reservation regardless of attendance. It would be a shame to miss this event because you delayed making that reservation.

### EMAIL RUDY LOPEZ TO MAKE YOUR RESERVATION TODAY!

**Email:** [programs@mineralsocal.org](mailto:programs@mineralsocal.org)

*Mail Checks to:*

**MSSC**

**1301 Leonard Ave**

**Pasadena Ca 91107**

*If you haven't done so already, pay your dues at the same time.*

*Dues are officially due 1/1/2018. (a membership form is included with this Bulletin)*

**Social Hour 5:30 pm: Dinner 6:30 pm: Speaker 7:30 pm**

**Oak Tree Room (next to Coco's)**

**1150 West Colorado Boulevard**

**Arcadia, CA 91007**

### Don't forget to bring your contributions for the Silent Auction !

**What is gathering dust in your home will be treasured in someone else's home.**

**The deadline for reservations for the Banquet is Jan 10th!** Don't miss out on a great evening because you delayed contacting **Rudy Lopez** for a reservation.



## What's Happening at The Smithsonian: By Denise Nelson

Denise Nelson, one of our regular speakers and has sent a short article she wanted to share with MSSC; "Just wanted to share something your folks might like to hear about:".

I am sending you a few pictures of what is happening here at the Smithsonian, Jeffrey Post (we call him the "Keeper of the Hope Diamond") invited a small group into the back rooms and vault of the Smithsonian gem and mineral collection and showed us some new and old treasures.  
the pictures are all mine.



vault with Russell Feather as guide



Opal



Tanzanite



Gold nugget in my hand



Emeralds

Best always, Denise



Kunzite with Heliodor

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## Ride Share Listing

### Can You Provide A Ride?

### Would You Like Company On The Drive To Meetings?

We have heard from several of our members that they would like to ride-share with someone to the meetings. We will list the names, general location and either a phone number or an email address of anyone who would like to connect for a ride-share. If you would like to catch a ride or would like company for the trip, let me know at [msscbulletin@earthlink.net](mailto:msscbulletin@earthlink.net) and I'll put the information in this section of the bulletin. After that, any final arrangements made are up to you. Also, If you make a connection that works for you, let me know so that I can remove your information from the bulletin. The Editor

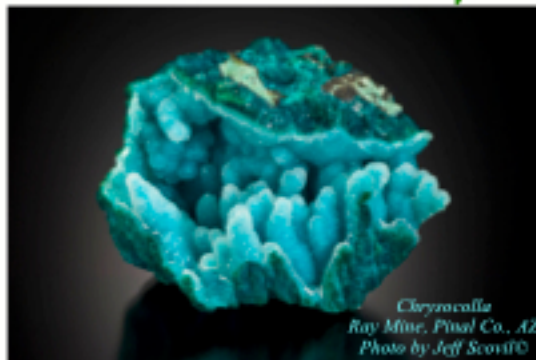
Looking for	Who	Where	Contact at
A ride	Richard Stamberg	North Orange County, near Cal State Fullerton	
A ride	Catherine Govaller	San Bernardino, CA	

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# WEST COAST GEM & MINERAL SHOW

## November 10-12, 2017

Minerals ♦ Fossils  
Gemstones ♦ Jewelry  
Meteorites ♦ Beads  
Decorator Items  
Lapidary  
Metaphysical



Chrysocolla  
Ray Mine, Pinal Co., AZ  
Photo by Jeff Scovil©

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FREE Parking  
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for Qualified Buyers  
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www.mzexpos.com

Facebook.com/mzexpos

### MSSC Advertisement Policy:

Mineral-related ads are allowable in the MSSC bulletin. Below is the price per month

	Business Card	\$5.00	
	1/3 page	\$10.00	
	1/2 page	\$20.00	
	Full Page	\$35.00	

In addition, any advertiser who purchases 12 months of space in advance will receive a discount of 12 months for the price of 10 months. The copy for the ads should be mailed to the editor at [bulletin@mineralsocal.org](mailto:bulletin@mineralsocal.org) and the payment should be sent to the

**MSSC Treasurer 1855 Idlewood Road, Glendale, CA 91202**

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### Calendar of Events:

Only local area shows are listed here. Other CFMS Club shows can be found at: <http://www.cfmsinc.org/>

#### NOVEMBER

##### November 4 - 5: ANAHEIM, CA

American Opal Society

Business Expo Center

1960 S. Anaheim Way

Hours: Sat 10 - 6; Sun 10 - 5

Website: [www.opalsociety.org](http://www.opalsociety.org) [Show Page](#)

##### November 4 - 5: RIDGECREST, CA

Indian Wells Gem & Mineral Society

Desert Empire Fairgrounds

520 South Richmond Road

Hours: 9 - 5 daily

##### November 18 - 19: LAKESIDE, CA

El Cajon Valley Gem & Mineral Society

Lakeside Rodeo Grounds

12584 Mapleview Street

Hours: Sat 10 - 5; Sun 10 - 4

Website: [www.ecvgms.org](http://www.ecvgms.org) [Show Page](#)

##### November 18 - 19: OXNARD, CA

Oxnard Gem & Mineral Society

Oxnard Performing Arts Center

800 Hobson Way

Hours: Sat. 9 - 5; Sun. 10 - 4

Website: <http://oxnardgem.com> [Show Page](#)

#### DECEMBER

##### December 9 - 10: RIALTO, CA

Orange Belt Mineralogical Society

Near Rialto City Hall Lot

105 South Palm Avenue

Hours: 9 - Dusk daily

Website: <http://OBMSrocks.yolasite.com> [Show Page](#)

## **JANUARY (2018)**

**January 20 - 21: EXETER, CA**

Tule Gem & Mineral Society, Visalia

Exeter Veterans' Memorial Building

324 N. Kaweah Avenue

Hours: Sat 10 - 5; Sun 10 - 4

Website: [www.tulegem.com](http://www.tulegem.com)

## **FEBRUARY (2018)**

**February 16 - 25: INDIO, CA**

San Gorgonio Mineral & Gem Society

Riverside County Fair & National Date Festival

82-503 Highway 111

Hours: 10 - 10 daily

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### **Report of Another Theft in The Mineral Hobby!**

Could you do me a favor and post information in your newsletters for Clackamette, NW Federation and FM regarding a robbery? Montana Gem, Inc. had all their inventory (\$300,000.00 worth) taken from their vehicle while they had dinner at the McDonald's near Costco down the street from the Fairplex after leaving the Portland Regional show. They are best known for their Yogo sapphires.

This is what went out to all dealers that attended the Portland Regional Show October 13-15, 2017;

I have some very sad news to relay from the Portland Regional 2017 show. Montana Gems, Inc. was robbed of their entire inventory while at dinner at the McDonalds on Cornell near Costco. Randy and Katie Gneiting had left the Fairplex and were on their way to another show. They stopped to eat before getting on the highway. Their car was broken into and the cases with the inventory were taken. This would have been Sunday, October 15, after 5:00pm when the show closed. Montana Gems, Inc. is best known for their Montana Yogo sapphires. Their inventory is valued at over \$300,000.00 and was collected over 40 years of their lives. Detective Patrick Brady of the Hillsboro Police Department is in charge of the investigation for this crime. If you have any information - saw or heard anything suspicious during the show or at the end during tear down - please contact him. He can be reached at 503.615.3444 (his direct line). The case number is 17-08625. Please refer to the case number if you contact him. Please pass on the information about the theft while attending other shows and to any rock and mineral clubs you may belong to. Thank you, Linda Harvey Dealer Chair Portland Regional Gem & Mineral Show Association 503.310.3036

Thank you, Linda Harvey

### **Don't forget:**

**Mark your Calendar for the Jewel Tunnel Visit**

**Dues are Due**

**Make your Banquet Reservations**

**Start Collecting wonderful items for the Silent Auction at the Banquet**

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## 2017 MSSC Officers:

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### About the Mineralogical Society of Southern California

Organized in 1931, the Mineralogical Society of Southern California, Inc. is the oldest mineralogical society in the western United States. The MSSC is a member of the California Federation of Mineralogical Societies, and is dedicated to the dissemination of general knowledge of the mineralogical and related earth sciences through the study of mineral specimens. The MSSC is a scientific non-profit organization that actively supports the geology department at Pasadena City College, Pasadena, California. Support is also given to the Los Angeles and San Bernardino County Museums of Natural History. The Bulletin of the Mineralogical Society of Southern California is the official publication of the Mineralogical Society of Southern California, Inc.

The MSSC meetings are usually held the second Friday of each month, January, February and August excepted, at 7:30 p.m. in Building E, Room 220, Pasadena City College, 1570 E Colorado Boulevard, Pasadena, California. The annual Installation Banquet is held in January, and the annual Picnic and Swap Meeting is held in August. Due to PCC holidays, meetings may vary. Check the Society website for details.

The Society also sponsors the annual Pacific Micro mount Symposium held at the San Bernardino County Natural History Museum during the last weekend of January.

Annual Membership dues for the MSSC are \$20.00 for an individual membership, \$30.00 for a family membership. Bulletins are delivered by email, there is an additional annual \$20.00 fee if you prefer paper bulletins mailed to your address. The Society's contact information:

**Mineralogical Society of Southern California**

**1855 Idlewood Rd.,**

**Glendale, CA 91202-1053**

**E-mail:** [treasurer@mineralsocal.org](mailto:treasurer@mineralsocal.org)

**Website:** [www.mineralsocal.org](http://www.mineralsocal.org) **The Mineralogical Society of California, Inc.**

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MSSC Bulletin Editor  
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*To:*



**With Knowledge Comes  
Appreciation**

***Your MSSC  
Bulletin Is  
Here!***

***Happy Thanksgiving!***