

## BOARD OFFICERS ELECTED

President	Jef Wright
Vice President	<b>Justin Engelmeyer</b>
Secretary	<b>Fred Floyd</b>
Treasurer	Toni Floyd

## BOARD OF DIRECTORS (APPOINTED)

CFMS Chairperson:	Toni Floyd
Field Trips:	Melissa Takagi
Parliamentarian:	Chris Toft
Shop Coordinator:	Alan Mazzola
Program Chair	<b>Karen Wagner</b>
Show Chair	Michele Shepard
Newsletter Editor	<b>Carol Hiestand</b>

Website: Ian Burney

Membership Chair Lori Goodman

## STANDING COMMITTEES (APPOINTED)

Facebook Page	Jeff Fox
Ways & Means	Dawn Wright
Historian	Barbara Bury
Hospitality & Good Cheer	Judy Jessup
Meeting Displays	Barbara Bury
Picnic Coordinator	Moni Waiblinger
Refreshments	Dawn Wright
Redwood Rep	Barbara Bury
Librarian	Chris Toft
Calendar	Justin Engelmeyer

## NEXT MEETING:

WEDS JAN 15, 7 PM

DITTUS HALL, REDWOOD TERRACE  
710 W. 13<sup>TH</sup> AVE. ESCONDIDO

“WILD BILL” presentation

By Bill Kordela of Poway

Gem & Jade Expert

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to send in for 2020 p 16-18

**HAPPY BIRTHDAY to  
JANUARY birthday  
members!!**

## BIG THANKS TO:

**Everyone who helped make  
the Dec. potluck and gift  
exchange fun for everyone!**



## UPCOMING EVENTS:

### ATTENTION:

CLUB MEMBERSHIP FEES ARE DUE NOW (Except for recent joiners). You must also sign a release form due to insurance requirements. Please make sure your email address is legible and your inbox has room for this newsletter. Your email will never be sold or given out to anyone.

### CURRENT YEARLY DUES:

- \$25 Individual (18 or older)
- \$40 Family (2 adults & children 8-17)
- \$35 Single-parent & children 8-17)

APPLICATION FORM AT END OF NEWSLETTER TO PRINT OUT AND FILL IN. Sorry, we are not set up for on-line applications and payments yet, but we will hopefully get there by next year!

### SEND TO:

PGMC

P. O. BOX 1583

ESCONDIDO, CA. 92033

## WORKSHOP HOURS:

There have been a few changes, please note the new schedule!

Session cost (3 hours) for members still \$7.00

## OPEN SHOPS:

Monday 6:30-9:30 PM

Tuesday 6:30-9:30 PM

Weds. 11:00-2:00 PM

Thurs. 1:00-4:00 PM

(Closed major holidays)

## Workshop address:

2120 W. Mission Ave

Suite 260 Escondido



## \*\*\*\*UPCOMING CLASSES\*\*\*\*

Lapidary & Silversmith Workshop  
2120 W. Mission, Suite S., Escondido

### **Cabochon/Lapidary Class & Open Workshops – *\*Note changes***

**\*Monday** 6:30-9:30pm

**Tuesday** 6:30 – 9:30 pm

**Wednesday** 11:00 am – 2:00 pm

**\*Thursday** 1:00-4:00pm

Learn to cut and polish a rock into a beautiful stone suitable for wire wrapping or fabricating in metal. A fantastic assortment of material is available for purchase on site.

The workshop is also open for general use. No prior registration needed.

**Thursday 6:00 pm – 9:00 pm** ***METAL SMITHING only - open for to those students who have had metal smithing instruction or experience and/or have instructor approval. Those students who have attended an introductory class may continue to work on improving their skills in this weekly workshop. An experienced metalsmith will be available for consultation.***

**Cost:** A \$7 shop fee will be collected for regular workshop. Club membership required.



## Introduction to Faceting

An informative introduction and hands-on experience in the world of gem cutting. Learn how to create a gem out of a piece of rough, during a weekend class. No machine required. Return students welcome with or without their own machine. Each class can accommodate 3 new students without machines and 3 returning students with their own machines.

**Instructor:** Bob Johnson

**Location:** Club Shop

**Dates & times:** Saturday, January 11, and Sunday January 12, 2020 – 9am -5pm

**Cost:** \$80 New students. Club membership required. \$70 return students.

Contact Bob Johnson for more info or to register - 760-809-0152 or email Bob at [N78532@yahoo.com](mailto:N78532@yahoo.com)

## Faceting – Continuation Class

This is a class for continuing students who have completed the Introductory Class and is held once per month, from 9 to 5 on the Saturday following the general meeting, (which is always on the third Wed.)

**Instructor:** Bob Johnson

**Location:** Club Shop

**Cost:** \$35.

*January workshop – January 18, 2020, 9-5*

Contact Bob Johnson for approval and to reserve a spot - 760-809-0152 or email Bob [N78532@yahoo.com](mailto:N78532@yahoo.com)

## Lost Wax Casting

This is a 3-day class to introduce the student to Lost Wax Casting.

**Instructor:** John Raabe

**Dates & times:** Wednesday, January 29, 2020, 6-9pm - Introduction to Lost Wax Casting Procedure

Friday, January 31, 6-9pm –Investment

Saturday February 1, 1:00-? pm Burnout

**Cost:** \$100. Must be a club member. Returning students \$75

**Materials:** All required materials will be provided including one ounce of silver

**Requirements:** Class is limited to 4 members

**\*\*Please RSVP by January 22, to John Raabe @ 760-749-2749**

*Next class March, 4, 6 & 7, 2020*

## Introduction to Silversmithing Class



Ring by Mike Mettelka

This is a 10-hour introductory silversmith class. The students will learn to develop their designs, use a jeweler's saw to cut out a pattern, solder a bezel to a backing and add a bale or a ring shank, creating a wearable piece of jewelry. Intermediate students can work on a project of their choosing with instructor approval. At the completion of this introduction the student can continue learning in the Thursday night workshop.

**Instructors:** Diane Hall & Annie Heffner

**Dates & times:** March 28 & 29, 2020, 10-4

**Cost:** \$60 (club membership required - \$25 fee for single membership)

**Materials additional – (Approx. \$30) and please bring a cabochon to set in silver or let us know if you need one.**

**\*\*Call Diane Hall at (760) 741-0433 (leave message for call back) or email [dianehall213@gmail.com](mailto:dianehall213@gmail.com) for more info or to register.**

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2120 W. Mission, Suite S., Escondido

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## TALES OF OTHER FOLKS (part 1)

By: Gene Ciancanelli

As a change, over the next three months, I'm going to write a few tales of other people. These are from the good old days before folks became politically correct and took insult or were traumatized by just about everything instead of laughing and going about their lives as normal people.

### A CHRISTMAS EVE

When I was 16 years old, I worked one summer and fall in a lumberyard. I earned 50 cents an hour mainly loading and unloading trucks and unloading sacks of concrete, lumber, and clay pipe out of boxcars down in the railroad freight yard. It was hard work and unloading 10 to 12 tons each day of concrete in 96-pound bags does make you strong. In those days people would say *"hard work never killed anybody"*. What they didn't tell me was it does cripple people in old age.

I worked with an ex-middle weight prizefighter named Bernie. Bernie was in his mid-fifties and he once lost a title fight. Bernie was a simple guy, but he was not punch drunk. I was just a kid about the same age as his son and he looked after me. He called me Jamoke, which meant I was a dumb (naive) kid with a lot to learn. Our boss Les was the greedy penny-pinching nasty owner of the lumberyard. Les had grown up in a very small hamlet named Chelsea. One of Bernie's favorite pranks occurred whenever we were making a lumber delivery in Chelsea. Bernie would go into Chelsea's little grocery store and buy a nickel post card. He would write the card pretending to be one of Les's old friends telling him news including what his old girlfriend was up to. Bernie signed the card with an illegible signature. Les never caught on, but his secretary did and she loved the postcards. The lumberyard's owner/employee relationship can best be summed up as "every one of Les's employees hated his guts with good reason".

On Christmas Eve, we workers are all standing outside waiting for closing time. We are in upstate New York and it is a cold snowing Christmas Eve. The lumberyard has not had a single customer all day, because no one is buying lumber the day before Christmas. Greedy mean Les is not going to close early and let the men go home to be with their families. Instead, we are all standing around shivering in the dark snowy night waiting to clock out at 7 PM. Suddenly, the loud speaker tells me to report to the office. The guys are telling me, *"I bet you are going to get a Christmas bonus"*. Boy! were these guys optimists. In the office, Les gives me one of the free lumberyard calendars and tells me I'm a good worker and then he fires me. I didn't know it at the time, but that calendar was the only gift I would ever get from any employer. Outside, I tell the guys I just got fired and I go home 5 minutes early, because Les can't fire me twice. A year later Les fired Bernie on Christmas Eve telling Bernie he was too old.

The lumberyard's top salesman was called Smity. He could read blueprints and figure out how much lumber a contractor needed to build a house and he would give him a materials bid for the entire job. Smity always got everything right and he saved the contractors a lot of time and money. The lumberyard had most of the area's contractor business and Les was making a fortune. Les was quite wealthy and had hired my father to build him a mansion just a couple of years before I went to work at the lumberyard.

Les had a son, Les Jr., who was known as Junie. Junie was in his early twenties and he was a big fat dumb lazy kid, who was constantly in trouble. I remember Junie as always sitting in one of the lumber sheds hiding from his father. Junie would sit there eating a quart of ice cream or a box of cookies while reading a comic book. Les decided Junie had to learn the business and he assigned him to be Smity's helper. Junie was too lazy to do anything more than to sleep in Smity's car when they went to a job site or a meeting with a contractor. After a couple of years, Les figured Junie should know enough to be a lumber salesman. On Christmas Eve, true to form, Les fired Smity. Les must have celebrated the holiday by firing somebody. On December 26, Smity went across town to a small lumberyard and got a job with a commission for all the lumber he sold. All the contractors were



Smity's buddies and they all transferred their business to Smity's new employer. Smity now made considerably more money and two years later Les went bankrupt. I never knew what happened to Junie. I'm sure his next employer didn't pay him to sit in the shade to eat ice cream and read comic books.

## **A BAD DAY IN THE CONGO**

Doug was a geologist working in the Congo exploring for copper. There were no outcrops in the jungle; thus, mapping was confined to the stream and river banks. Doug is walking up a small stream looking for rock outcrops, when a python drops out of a tree and is coiling around Doug. These large constrictor snakes need to bite their victims in order to get purchase to tighten their coils. Doug has grabbed the snake just behind the head and he is holding the snake just inches from his face as the snake's open mouth is trying to get a bite and the snake eyes are looking right at Doug. With all his strength, Doug manages to hold the snake with one hand while he draws his pistol and blows the snake's head off. Doug said he had snake nightmares for years.

## **A BAD DAY IN UGANDA**

My old college roommate Al Buck is working in Uganda darting hippos to measure their vital signs and take blood samples. It is the mid-1960's and Al is working alone with a few local native people as helpers. One day, Al darts a hippo and is taking a blood sample when the hippo, which apparently isn't completely tranquilized, raises his head and bites Al on the thigh. This opens a huge gaping wound and the natives don't know what to do. Al has a sewing kit in his gear and he has the natives bring the rear-view mirror from the Land Rover. With a native holding the mirror, Al has to stitch up his 18-inch-long wound. Naturally, Al isn't able to do a perfect job, but his old college job teaching medical students how to suture cadavers does come in handy. After he sews the wound up, the natives take sticks and go into the brush collecting great masses of spider webs, which they wrap around his leg as a bandage. Years later, he showed me the large ugly scar that ran the length of his thigh.

On another occasion, Al is bitten by a snake. There are two very similar looking snakes in that part of Africa. One is deadly poison and the other is not. Al only got a quick look at the snake, but he is sure it was the black poison one and not the dark brown harmless snake. He is in a remote part of Uganda without antivenom and he assumes he will be dead in about one hour. Al sits in the Land Rover and puts his personal effects on the dashboard. Then he writes a goodbye letter to his wife and sits back waiting to die. Several hours pass and he still isn't dead. Al now assumes he was bitten by the brown snake and he goes back to work.

## **NASA CAN'T TAKE A JOKE**

After completing his work in Africa, Al is working at NASA on the moon landing project. Being a physiologist, Al is on the team charged with keeping the astronauts alive in space and on the moon. One of Al's tasks is to design the shoes the astronauts will wear when they walk on the moon. Al's mother is an uneducated woman, who worked her entire life as a Woolworth's 5 and 10 cent store sales lady. She is in her 70's when Al is working at NASA. Being the proud mother of a PhD son working at NASA, she asks Al what he is doing on the moon project. Al tells her that he is making the shoes the astronauts will use to walk on the moon. She says, *"You went to school for all those years to become a shoemaker?"*

After the first moon landing, NASA builds a full-scale display of the moon landing site with the moon lander, the American flag, and two astronaut mannequins standing on a lava surface collecting rock samples. I saw the display and it was quite impressive, larger than a basketball court in size. The display is located at the Houston Space Center where Al is working. In the display, Neil Armstrong and Buzz Aldrin are standing in their space suits collecting the rock samples. In one hand they hold an open sample bag and because they can't bend down, they pick the rocks up using a tool, about the size of a walking cane, with a scoop on the bottom. One evening, Al is working late at night and as he leaves to head home, he walks pass the landing site display. Suddenly, he has a brilliant idea. That is generally how scientific breakthroughs occur. The next day Al goes to a novelty store and buys a rubber imitation of a pile of dog poop. Late at night he sneaks into the moon display and puts the rubber

dog poop on the ground to appear as if Neil Armstrong is using a pooper scooper tool to scoop up the poop and put it into a bag. For the next several days, the NASA people are noticing that when the public view the display, the people are laughing. At first, they can't figure this out until some "genius" notices Neil is using a pooper scooper. The display is immediately shut down and the FBI begins an investigation to try and find the culprit. They never succeeded.

## TWO LEFT SHOES

Everyone has peculiar character traits and perhaps Al's most prominent trait was that he was extremely frugal, but in Al's case it would be better to say, "Al was a cheapskate". He was constantly looking for bargains, ways to save money, and sweetheart deals. Al was one of the first people to get a Sears credit card. He told me they really take care of me at Sears, because I have been a loyal customer for decades. One day Al is in his local Sears store and he notices a big pile of shoes with a sign "**SHOES 50 CENTS EACH**". Al tells the shoe clerk that is a bargain and he wants to buy several pair. The clerk tells him there was a mistake at the factory and each box only contains left shoes, there are no right shoes. Al immediately turns on the bargain center of his unique brain and he asks to see the head of the shoe department. Al explains to the head clerk that no one is going to buy shoes with two left feet and that pile will sit there for months. Al offers to buy the entire pile of shoes for \$5.00 and Sears will be rid of the headache and embarrassment. The clerk agrees and Al buys all the boxes of shoes. Al's job takes him to cities all around America. Now whenever Al goes to a big city, such as Boston, he first determines how many Sears stores are in Boston. He then takes the same number of shoe boxes with him. Once in Boston, he takes a box of shoes to each Sears store. He tells the clerk he bought the box of shoes in Chicago and when he returned home, he found there were two left shoes in the box. He flashes his Sears card and asks if they will give him a new pair of shoes or cash credit, which they are pleased to do. Al never bought another pair of shoes for the rest of his life. He just exchanged left shoes until his shoe collection rivaled the legendary Imelda Marcos' collection.

## JANUARY BIRTHSTONE



Those born in January are lucky to have the beautiful and diverse garnet as their birthstone. Garnets are commonly red but also come in an extraordinary range of beautiful colors, including orange, yellow, purple and vibrant green. There are even garnets that change color from blue to purple in different lighting. Some believe the true value of the garnet birthstone is its power to bring the wearer good health, wealth and happiness.

## GARNET BIRTHSTONE

### GARNET BIRTHSTONE MEANING & HISTORY

The name “garnet” originates from the medieval Latin *granatus*, meaning “pomegranate,” in reference to the similarity of the red color. Garnets have been used since the Bronze Age as gemstones and abrasives. Necklaces studded with red garnets adorned the pharaohs of ancient Egypt. Signet rings in ancient Rome featured garnet intaglios that were used to stamp the wax that secured important documents. The clergy and nobility of the Middle Ages had a preference for red garnets.

Garnet is actually a group of several minerals. Five of these – pyrope, almandine, spessartine, grossular and andradite – are important as gems. Pyrope and almandine range from purple to red. Spessartine is found in exciting oranges and yellows, while andradite is mostly yellow to green (the gem variety demantoid). Grossular may have the widest range, from colorless through yellow to reddish orange and orangy red, as well as a strong vibrant green called tsavorite.

The Smithsonian’s antique pyrope hair comb is one of the most [famous pieces of garnet jewelry](#) (pyrope is from the Greek *pyrōpos*, which means “fiery-eyed”). A large rose-cut garnet sits at the crest, much like a queen serenely surveying her court. The pyrope garnets that decorate this tiara-like jewel came from the historic mines in Bohemia (now part of the Czech Republic), and these rich red beauties were extremely popular during the Victorian era (1837–1901), when this piece was fashioned.





This antique pyrope garnet hair comb is part of the National Gem Collection at the Smithsonian Institution.

Curious about your garnet birthstone's reputed health benefits? According to Indian astrology, garnet helps eliminate negative feelings (depression, guilt) and instill greater self-confidence and mental clarity to promote creative thinking and peace of mind. In ancient and medieval times, gems like garnet were also thought to be remedies for inflammatory diseases and to soothe the angry heart.

## WHERE IS GARNET FOUND?

Garnets come from many different regions and countries. Bohemia was the primary source of the red pyrope garnets so popular during Victorian times. In 19<sup>th</sup> century Russia, green demantoid garnets from the Ural Mountains were prized by the Russian royal family and used by the great jeweler Peter Carl Fabergé (1846–1920). Today, the African continent supplies much of the world's garnet. Namibia is now producing demantoids, and most of the bright green tsavorites in the market come from Kenya, Tanzania and Madagascar. Namibia and Tanzania are also

key sources of the rich orange-to-yellow spessartine garnets. For many years, Southern California's Little Three mining area was known for producing this spellbinding gem, The birthstone for January is also found in Myanmar, Brazil, Iran, Afghanistan, Pakistan, India and Sri Lanka, among other countries.





Small-scale artisanal miners, such as this tsavorite miner near Voi, in Kenya, are estimated to supply some 80% of the world's gems. Photo: Robert Weldon/GIA

## GARNET BIRTHSTONE CARE & CLEANING

The different types of garnet range between 6.5 and 7.5 on the [Mohs scale of hardness](#). This means that this birthstone is more susceptible to damage than rubies, sapphires and diamonds. So while not all garnets are good candidates for daily wear, they are ideal for earrings, brooches and pendants. Give thought to how you store your garnet jewelry. If you let it rub against harder gems – again, think diamonds, rubies and sapphires – it can be scratched. And in turn garnet can scratch softer gems, such as opals or pearls.

Most garnets are not treated. Rarely, however, some garnets might be fracture filled, whereby treaters try to improve the apparent clarity of the gem by filling surface-reaching breaks with a glass-like substance. Such treated stones require special care. Regardless, use of a soft brush with warm soapy water is always safe for cleaning garnets. Ultrasonic cleaners are usually safe, except for stones that have fractures or have been fracture filled. Steam cleaning is not recommended.

This stunning 5.55 carat tsavorite garnet is set in platinum with two fancy yellow diamonds weighing a total of 0.71 carats and 136 round diamonds weighing 1.02 carats total weight. Courtesy: Omi Privé

Whether you're shopping for the January birthstone, or a gemstone to celebrate your 2<sup>nd</sup> wedding anniversary, be sure to review our [Garnet Buying Guide](#). It has the essential tips you need to find the perfect garnet. Take it with you, and shop with confidence.



## PALOMAR GEM AND MINERAL CLUB – APPLICATION FOR MEMBERSHIP

PLEASE PRINT

2019-2020

NAME \_\_\_\_\_ SPOUSE \_\_\_\_\_

STREET ADDRESS OR P.O.  
BOX \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

IF NO INFORMATION IS PROVIDED YOU WILL NOT BE ABLE TO RECEIVE ANY CORRESPONDENCE FROM THE  
PGMC. **PLEASE PRINT EMAIL ADDRESS CAREFULLY TO AVOID ERRORS!**

### NAMES OF CHILDREN WHO ARE TO BE PART OF YOUR MEMBERSHIP 8 – 17:

\_\_\_\_\_ AGE \_\_\_\_\_ AGE \_\_\_\_\_

\_\_\_\_\_ AGE \_\_\_\_\_ AGE \_\_\_\_\_

HAVE YOU EVER BEEN A MEMBER  
OF ANY OTHER GEM AND MINERAL  
CLUB? \_\_\_\_\_

IF YES, GIVE  
NAME OF CLUB  
AND LOCATION \_\_\_\_\_

### MEMBERSHIP DUES:

☐ **Single** (Age 18+) - \$25.00 ☐ **Single Parent** (1 Adult + Children) - \$35.00 ☐ **Family** (2 Adults + Children) - \$40.00

SINGLE PARENT and FAMILY memberships include all children age 8 – 17 years  
Those joining after November 1<sup>st</sup> of each year will be paying for the following year.

**Mail application and check to:** Palomar Gem & Mineral Club, P.O. Box 1583, Escondido, CA 92033  
**OR**

**Drop off complete application and payment at the Club Workshop or at our monthly meetings.**

I/We agree to share in the rights, privileges and responsibilities which membership in the Palomar Gem and Mineral Club entails. *Please read and sign release of liability on back of application.*

\_\_\_\_\_  
Applicant Signature

Date \_\_\_\_\_

\_\_\_\_\_  
Applicant Signature

Date \_\_\_\_\_

=====

=====

Date Rec'd	Amt. Paid	<input type="checkbox"/> CREDIT	<input type="checkbox"/> CASH	<input type="checkbox"/> CHECK	Rec'd by:
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Release of liability signed ☐

## AGREEMENT AND RELEASE FROM LIABILITY

### PALOMAR GEM AND MINERAL CLUB

I, the undersigned, acknowledge that lapidary equipment, jewelry making equipment and machinery are dangerous if not used properly and can cause serious injury to others or myself, and that the Palomar Gem and Mineral Club assumes no responsibility for the training or safety of myself or any member using the shop equipment. I understand that each member is responsible for the safe use of any piece of equipment or tool that he or she uses.

In consideration for being permitted by Palomar Gem and Mineral Club to use their facilities, I hereby agree that I, my assignees, heirs, and legal representatives will not make any claim against, sue or attach the property of the Palomar Gem and Mineral Club or its officers for any injury or damage resulting from negligence or other acts, however caused, by myself, other members of Palomar Gem and Mineral Club or a Palomar Gem and Mineral Club representative or officer. I further release Palomar Gem and Mineral Club from all actions, claims or demands, that I, my assignees, heirs or legal representatives now have or may hereafter have for damage or injury resulting from my participation in any Palomar Gem and Mineral Club activity.

I have carefully read this agreement and fully understand its contents. I hereby acknowledge that I am aware that this is a release of liability and a contract between me and the Palomar Gem and Mineral Club, and sign the agreement of my own free will. I also acknowledge that I am responsible for providing

required ear and eye protection for myself and all persons included in my Palomar Gem and Mineral Club membership while participating in or observing any operation in the club's lapidary workshop. I agree to abide by any and all rules of personal conduct and safe use of any machinery or tools, and acknowledge that I have received a written copy of the club rules.

Member Name \_\_\_\_\_

*(Print full legal name) 1 adult member per form*

Member Signature \_\_\_\_\_

Junior Name(s) \_\_\_\_\_

*(Print full legal name(s))*

\_\_\_\_\_

Legal Guardian Name \_\_\_\_\_

*(Print full legal name)*

Legal Guardian Signature \_\_\_\_\_

Date \_\_\_\_\_

Phone: \_\_\_\_\_

