

# Canaveral Moonstone



## Presidents Corner



All should be enjoying our delightful Florida weather and the coming of March Madness. The term usually refers to the dramatic basketball season completion. This year we add to it the excitement of the political campaigns and voting.



A little excitement is on the schedule for our March CMGS meeting. We will have an award drawing for "scholarships" to 3 of our members for classes at William Holland or Wild Acres. The process of award is outlined in this issue of the Moonstone.

It is time to start planning for our Spring (Dolly's) Picnic on Sunday, April 10. The reservation was again donated by Bonnie and Alvin Ray. The picnic will be enjoyed at Goode Park in Palm Bay from about Noon to about 4:00pm. Tail-gating is encouraged. Donations are needed for our traditional live auction. More details will be included in our April Moonstone.



Preparations for our November Parade of Gems are proceeding well. All of last year's dealers have had contracts in hand since December 2015. At this time, we have 14 executed dealer contracts, approximately 25% of the dealers planned. We have 8 new dealers that have expressed interest in participating in this year's show. Several members have volunteered to help with the Parade of Gems. A major opportunity remains; someone that will undertake advertisement responsibilities.

*Don*

**Exchange Bulletins are Welcome**

**(All material may be copied unless otherwise noted if credit is given)**

**The Dead Line for the April Moonstone is March 20, 2016**

**The URL for CMGS web site is: <http://www.canaveral-mgs.com/>**

**Feel free to send me articles or pictures of your creations for the newsletter at [shannonb787@gmail.com](mailto:shannonb787@gmail.com)**

The **Canaveral Mineral and Gem Society (CM&GS)** is a registered Florida not-profit-corporation approved by the Internal Revenue Service as a tax exempt , organization under Internal Revenue Code section of Florida 501 (c) (7) for the following purposes:

1. For the preservation, support, and promotion of the hobby of Mineralogy and its various forms of allied activities and earth sciences.
2. To dedicate ourselves to the furtherance of the hobby through the exchange of knowledge, experience, and other helpful information among ourselves and other like organizations.
3. To further the education of members and the general public of the hobby by programming talks, discussions, motion pictures, field trips, and the staging of shows and exhibitions.
4. To maintain an active affiliation with the Southeast Federation of Mineralogical Societies and to participate in Federation activities to the fullest extent possible.

**Goals and Objectives**

5. To promote the spirit of cooperation and fellowship among the membership.
6. To increase our knowledge of rocks and minerals and to explore the mystery and wonder of the earth.
7. To actively encourage members to attend educational classes, workshops, lectures, and demonstrations.
8. To stimulate interest in the earth sciences within the community by providing scholarships to worthy students at all educational levels.
9. To provide the necessary equipment and resources to enable members to develop their interests.
10. To enjoy our hobby and Have Fun!

**Affiliations**

The Canaveral Mineral and Gem Society is a member of the Southeast Federation of Mineralogical Societies (SFMS) and the American Federation of Mineralogical Societies (AFMS)

**Meetings and Dues**

Meetings are the First Wednesday of each month (except August) at the Henegar Center, 625 E. New Haven Ave., Melbourne, Florida. Meetings start at 7:00 p.m. Visitors are always welcome! Dues are \$20.00. Junior Member dues are \$2.00.

# March 2016

**Sun      Mon      Tue      Wed      Thu      Fri      Sat**

		1	2 Monthly Meeting 7PM	3	4	5 Open Shop 9AM—12PM
6	7 Beading Class & Open Shop*	8	9	10	11	12 Open Shop 9AM—12PM
13	14 Beading Class & Open Shop*	15	16	17	18	19 Open Shop 9AM—12PM
20	21 Beading Class & Open Shop*	22	23	24	25	26 Open Shop 9AM—12PM
27	28 Beading Class & Open Shop*	29	30	31		

\* Monday Beading Classes are 1PM—4PM and 5PM— 7:30 PM

Monday Open Shop 6PM—9PM

## Mineral of the Month – Galena

By Dave Jacobson

The mineral for this month is Galena (PbS, lead sulphide). Galena is a common mineral and is one of the more important lead ores. It is present in almost all hydrothermal sulphide ore bodies and is associated with pyrite, chalcopyrite and sphalerite. Galena

from some locations is silver bearing. Although galena is the leading lead ore, enough silver is recovered during ore processing to make it a leading silver ore. Galena is found in most mineral collections as its cubic shape makes it an interesting specimen. Galena is a common mineral. Some of the more noted sites where galena has been mined are the Texas-Oklahoma-Missouri Tri-State Mining area in the USA; Broken Hill, Australia; Cumberland, England and Santa Eulalia, Mexico.



Galena is in the isometric (cubic) crystal system. Cube shaped galena crystals are very common. The stepped offsets in the faces of these cubic crystals are also very common.

Galena has a hardness of 2.5 - 2.7 with a specific gravity of 7.58. Its streak is lead gray.

Galena's color ranges from a metallic silver-gray appearance to dull lead-gray. Freshly fractured specimens usually have a metallic luster with the luster diminishing to a duller gray over time. Galena is easy to identify, with its shape, color, hardness and high specific gravity.

Galena gets its name from the Greek, galene, meaning "lead ore"

The following reference materials were used in preparing this article:

A Field Guide to Rocks And Minerals by Frederick H. Pough.

Mineralogy For Amateurs by John Sinkankus.

## Web Sites Resources

SFMS Workshops: <http://www.sfmsworkshops.com>

American Federation of Mineralogical Societies web site is at: <http://www.amfed.org>

Southeast Federation of Mineralogical Societies Website at: <http://www.amfed.org/sfms>

The URL for CMGS web site is: <http://www.canaveral-mgs.com/>

Editors Notes  
By Shannon Byrd

Join us on March 2nd for our regular monthly meeting. Remember to bring in your newest creations for show and tell. Bring your favorite snack to share with the group.

The mineral of the month will be Galena, bring in samples if you have them.

Please send your favorite recipes to Pegatha at [mempkm@me.com](mailto:mempkm@me.com) for the CMGS cookbook.

Our raffles have been a lot of fun and continue to raise funds to send 2 lucky members of the club to William Holland or Wildacres each year. Thank you to those that participate and those that continue to donate items for the raffle. Our drawing will be this month at our March 2nd meeting.

## Monthly Bench Tips

By Brad Smith

"Bench Tips for Jewelry Making" and "Broom Casting for Creative Jewelry" are available on Amazon

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

### INEXPENSIVE ELECTRIC WAX PEN

You can make your own wax pen from a small soldering iron plugged into a light dimmer switch for heat control. Both components are easily found at Radio Shack, a big hardware store or at Harbor Freight.

File the tip of the soldering iron into the shape you prefer or even better get a soldering iron with replaceable tips. Then you can make several tip shapes for different tasks. Set the dimmer control just hot enough to melt the wax without producing any smoke.

A tip design that I find ideal for some work is a length of small gauge wire that lets me reach in around the model to melt some wax. The wire is about 15mm long and 18 or 20 gauge. To conduct heat all the way to the tip, I use Sterling wire and silver solder it into a hole on the end of a copper or brass rod that will fit into the soldering iron.

### TOUCHING UP A BEZEL

Pumice wheels are good for touching up a bezel after you've set the stone. The hardness is about 6 on the Moh's scale, less hard than quartz, so it shouldn't scratch any of your agates or jaspers. However, I'd avoid or be really careful of using pumice near the softer stones like turquoise, amber, howelite, etc.

If you're unsure about the hardness of your wheels, test them on a piece of glass. Glass is about 5 ½ on the Mohs scale, softer than quartz. So if the wheel doesn't harm glass, it's safe for use on the quartzes and harder stones.

## February Meeting— February 3, 2016

The meeting was called to order by Vice President Nancy Starke. She led us in the Pledge of Allegiance.

We welcomed Karen Best as a guest.

There was an announcement of the upcoming Mineral and Gem shows at Merritt Island on February 6,7 and the Vero Beach show at the Vero Beach Community Center on February 20,21.

Sharon Jones gave an update on her efforts to bring the club's website up to date and running. Thanks Sharon!! More to come on how we all can access the site and be participants now and into the future. There will be ways to keep up to date with events, sign up for classes, share information.

The January minutes were accepted and approved. Liz Ritter gave the Treasurer's report.

Our Gem and Mineral show has been moved to November 12 & 13 this year which may help us to not compete with the Fall Art Festival downtown Melbourne. Don McLamb is still looking for a show chairman as he works presently to secure vendors. We are still looking for advertising volunteers for the show.

Dolly's Picnic needs a chairperson as does the Holiday Party.

Kathy Burnette gave us the update on memberships at 182!! She will be sending out a letter soon to let folks know they will be cut from the list of classes if dues are not paid.

Mark Jackson gave the educational report. The signup book was present. Mark Heathman stated he would be teaching faceting on Tuesdays and Thursdays for the next two weeks and Dave Jacobson stated he would be teaching a silversmithing class soon. Thanks guys!! Mark stated the supply workshop fees may have to be discussed to better suit reality of costs to the club.

Shannon Byrd says the Moonstone is going well. Always let her know if there is a problem in receiving it. She always welcomes contributions of articles or pictures.

Dave Jacobson talked of the Mineral of the Month, beautiful pink Rhodochrosite.

He stated the Saturday workshop would be closed as to enjoy the Central Brevard Gem and Mineral Society's annual show. Bea Dietz made an appeal to club members to save their bits and pieces of trim saw cuttings for the children's table at our show in November.

Show and Tell brought folks handiwork from recent classes, workshop and home. Tom Saylor shared his fused chain maille and cabochons of Caymonite. Arthur DeLaurentis shared his award winning master cabochon showcase of his beautifully displayed jaspers. Mark Heathman showed some Colorado fines of crystalized Rhodochrosite and Bigg's Bite Beryl from Mt. Entero. Shannon Byrd shared some Rhodochrosite, fused chain maille and examples of her wire wrappings that she is teaching. Thanks Shannon!! Nancy Starke shared some Rhodochrosite. Melissa Horan showed her class work of opal cutting and Argentium silver fusing. Herrick Jeffers showed some cabochons of Petersite in brown and blue and a setting of Amazonite in silver. Michelle Servos showed her necklaces of fused silver. Denise Jackson displayed her fused silver also from Roy Deere's class. Thanks Roy!! Debbie Jorgensen showed her gem from Mark Heathman's faceting class and some Turquoise rings. Kathy Eros brought nicely displayed examples of enameling which she will be teaching to club members. She will teach the kiln method and touch on torch enameling. Thanks Kathy!! Bill Harr brought in some Rhodochrosite and examples of his enameled orchid castings. Thanks everyone for sharing!!!!

Bill also brought by a club favorite, Don Norris and his wife Kay. He shared with us some stories and his latest adventure into producing a faceted glass of brilliant blue. He is in the area and is willing to teach folks the art of pewter casting and silversmithing workshops. Club members got to sign up for these once in a while workshops.

A lasting moment of the meeting was taken to appreciate the work, love and laughter of two special couples who have shaped this club into what it is today....THANK YOU!!! Warren and Fran Collins and Herrick and Barbara Jeffers for all you do and continue to support all in the interests of our lapidary world.

The scholarship raffle winners were Jeannie Kryrikos, who not only won once but 3! times, lucky gal!!! She scored a beaded bracelet, casted earrings and a jade slab. We had another pull so maybe someone else could feel lucky and Mitch Abrams scored a leopard skin jasper slab.

After refreshments and social time, we settled into a very entertaining, eye opening presentation by Melissa Horan on social media. It's a whole world that you choose to participate in or not but the horse is out of the barn and it's not going to stop in progress. She explained about all the different sites that can suit your needs in that realm. Be careful and have fun! Thanks Melissa!!

## Upcoming Gem and Mineral Shows

**March 4,5,6, 2016**

**The Suncoast Gem & Mineral Society** [www.SGAMS.COM](http://www.SGAMS.COM)

46th Annual Gem, Mineral & Jewelry Show & Sale

Diamonds, Emeralds, Rubies, 14K Jewelry, Exhibits, Beads, Door Prizes, Gem Mining, Silent Auction, Grand prize

Fri & Sat 10:00am to 6:00pm, Sun 10:00am to 5:00pm

Admission \$5, Free Parking

Minnreg Building 6340 126th Ave North Largo, FL 33733

**March 12-13—WEST PALM BEACH, FLORIDA**

Annual show; Intergalactic Bead Show,

Do you love great quality and prices? Then shop The Intergalactic Bead Show! Our shows provide attendees with the world's finest and rarest beads, precious stones, gems, freshwater pearls and an exquisite collection of finished jewelry. Shop quality.

West Palm Beach Event Hall; 2223 Palm Beach Lakes Blvd;

Sat. 10-5, Sun. 10-5; Adults \$4-\$5, Free Admission;

**April 30—May 1 Miami, Florida**

Miami Mineralogical and Lapidary Guild

The Miami Mineralogical and Lapidary Guild (MMLG) is holding a Gem, Jewelry, Mineral, and Fossil. There will be exhibits, displays, demonstrations, raffles, and vendors showcasing mineral & fossil specimens, gemstones, fine jewelry, and artisan-crafted collectibles. Children's activities include jewelry-making sessions, surprise grab-bags, gem prospecting, and geode splitting. ;

Evelyn Greer Park; 8200 SW 124 Street; Miami, Florida [www.miamigemandmineral.com](http://www.miamigemandmineral.com)

Sat. 10-5, Sun. 10-5; Adults \$4, Free Admission for children under 12;

**September 23-25, 2016**

**Jacksonville Gem & Mineral Society**

Rocks, Gems, Jewelry and More

Friday: 10 AM to 6 PM,

Saturday: 10 AM to 6 PM,

Sunday: 10 AM to 5 PM

Morocco Temple, 3800 St. Johns Bluff Road South, Jacksonville, Florida 32224

**November 12 and 13, 2016**

**Canaveral Mineral & Gem Society**

43rd Annual Parade of Gems

Dealers in lapidary, minerals, fossils, beads, jewelry and gemstones. Demonstrations; Grand Prize; Hourly Silent Auctions; supplies for hobbies and crafts and related activities.

Show Times: Saturday and Sunday 10:00 AM to 5:00 PM

Location: Melbourne Auditorium, 625 East Hibiscus Blvd. Melbourne, FL 32901

Admission; \$5 Donation

Contact: Don McLamb, CMGS President & Acting Show Chairman

Images from the latest wire wrap class



Tammy, Pat, Chris, Gail, Shannon and Stephanie having fun and working hard in our Wire wrap class this month. Thank you Denise Jackson for taking the pictures.



If you have class pictures send them to me and I will put them in the newsletter.

[Shannon787@gmail.com](mailto:Shannon787@gmail.com)

## Time for 2016 Membership Renewal

Membership fees for are due by Jan 1st, - Dues are \$20.00. Junior Member dues are \$2.00

Checks should be made payable to the "Canaveral Gem & Mineral Society" and sent to the Membership Chairman, Kathy Burnette 554 Veracruz Blvd Indialantic, FL 32903 or given to Kathy at a meeting. Those who joined Oct. 1 or later are paid through 2016.

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## Class Information

Mark Jackson is coordinating our class schedules for 2016. Teachers/volunteers are being lined up for several classes. Current classes being taught: Faceting (Dave Heathman), silver smithing (Don Norris), wire wrap (Shannon Byrd), Enameling (Kathy Eros) and more are being scheduled.

When you are contacted for a class, please respond to the instructors and let them know if you are available for the class as soon as possible so that they can offer class to others on the list. Also please contact your instructor if you will not be able to attend the class after you commit to being there. Many of the classes have long waiting lists and this would allow someone else to attend and you can stay on the list for another time.

If you are interested in Kumihimo or Peyote Stitch Bead Weaving contact Haydee Hernandez at 321-727-0201 and she will work it into the beading class schedule for you.

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## Club contacts

**President:** Don McLamb, 570 Seabreeze Dr., Indialantic, FL 32903, (321) 723-2592

**Vice President:** Nancy Stark, 1610 Sutschek St NE, Palm Bay, FL 32907, (321) 726-9784

**Secretary:** Denise Jackson, 320 Arcadia Ave., Melbourne, FL, 32901, (321) 373-5133

**Treasurer:** Liz Ritter, PO Box 500827, Malabar, FL 32950, (321) 544-2036

**Bulletin Editor:** Shannon Byrd, 2225 Ladner Rd NE, Palm Bay, FL 32907, (321) 541-7230

**Education Chairman:** Mark Jackson, 320 Arcadia Ave., Melbourne, FL, 32901, (321) 373-5133

**Corresponding Secretary:** Kitty McLamb, 570 Seabreeze Dr., Indialantic, FL 32903, (321) 723-2592

## Board of Directors

**Alfred Lightsey:** One-Year Term, (321) 676-0795

**Freda Hull:** Three-Year Term, (321) 425-0847

**Roy Deere:** Two-Year Term (321) 725- 9179

**Mark Heathman:** One-Year Term (321) 253-2856

**2016 scholarships to William Holland or Wild Acres**

At our March Meeting we will hold our drawing for three scholarships for our 2016 opportunities to attend the SFMS weeks at William Holland or Wild Acres lapidary classes. This year two scholarship awards will be from our CMGS funds and one will be from an SFMS award. The awards cover the cost of attending (room, board & instruction) but not other costs such as travel to/from and class fees for supplies.

The drawing will contain the names for all of our members that have attended our monthly meetings. One entry for each meeting attended. The drawing process is as follows. The first 3 names drawn will win the scholarships, but are valid only if the winner commits to attend in 2016. If the winner is at the meeting they will be asked if they accept the award. If no, another name will be drawn. If the winner is not present, the President will contact the winner following the meeting and verify their ability to attend.

We will also draw 4 alternate winner names. If the initial winners (including those not present) find out later that issues prevent them from attending, the opportunity will be transferred to one of the alternates (in the order drawn; i.e. 1st alternate, 2nd alternate, 3rd alternate, 4th alternate).