

# Canaveral Moonstone



## Presidents Corner



I hope all of you are safe from the Covid19 Virus!!

**We have secured the Melbourne Front Street Civic Center for our September 2, 2020 CMGS meeting; 7:00 to 9:00pm** (access 6:30 to 9:30pm). Wearing face covers is required, (some will be available if you forget); the seating (50 chairs) will be spaced properly and hand sanitizers will be available. No snacks to share at the break. For those that do not remember, this was our meeting location a long time ago; it is easy to find and has great parking available. Travel East from US1 onto New Haven and turn right onto Front Street. (Do not cross the bridge!) It is the first building on the East side after passing the Parking lot.



After careful deliberations our Board of Directors reluctantly decided that our next picnic will be scheduled in the Spring of 2021.

The Board will convene as a meeting of the 2021 Nominating committee in mid September, Chaired by Nancy Stark. Those interested in being considered for a leadership position next year are urged to contact Nancy (321-749-7675).



Our CMGS Parade of Gems Show & Sales will again be fully open on November 14 & 15, 2020. The Dealers will have access Friday, November 13 to set up their displays (some that have smaller Booths will set-up Saturday morning). At this time, I do not expect any significant virus-related conditions with the exception: we have notified all of the dealers that we will not have our traditional Members & Dealers Dinner Friday evening.

**Don**

**Exchange Bulletins are Welcome**

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

**The Dead Line for the October Moonstone is September 20, 2020.**

**The URL for CMGS web site is: <http://www.canaveral-mgs.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 July and August) at the **Melbourne Front Street Civic Center**, Melbourne, Florida. Meetings start at 7:00 p.m. Visitors are always welcome! Dues are \$30.00. Junior Member dues are \$2.00. Club shop is now located at 255 East Drive, Suite K, Melbourne, FL.

# SEPTEMBER 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 Monthly Meeting 7-9PM	3	4	5 Open Shop 8:30AM -12:30PM
6	7 Open Shop 5:30PM -9:30PM	8	9	10	11	12 Open Shop 8:30AM -12:30PM
13	14 Open Shop 5:30PM -9:30PM	15	16	17	18	19 Open Shop 8:30AM -12:30PM
20	21 Open Shop 5:30PM -9:30PM	22	23	24	25	26 Open Shop 8:30AM -12:30PM
27	28 Open Shop 5:30PM -9:30PM	29	30			

September business meeting and open shops are running with some restrictions.

## SFMS info on Coronavirus

Florida Department of Health COVID-19 Call Center is Available 24/7 Call: 1 (866) 779-6121 Email:

COVID-19@FLHealth.gov For additional information and helpful links regarding COVID-19,

Please visit the Florida Department of Health COVID-19 website at [FloridaHealth.gov/COVID-19](https://www.flgov.com/2020-executive-orders/).

<https://www.flgov.com/2020-executive-orders/>

Here are the links to CDC COVID-19 material: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

<https://www.cdc.gov/coronavirus/2019-nCoV/hcp/clinical-criteria.html#foot5>

The WHO (World Health Organization) is a major source of information, along with providing the preferred Hand Washing Techniques. World Health Organization (WHO):

<https://www.who.int/news-room/q-a-detail/q-a-coronaviruses>

[https://www.who.int/health-topics/coronavirus#tab=tab\\_1](https://www.who.int/health-topics/coronavirus#tab=tab_1)

WHO Handwashing technique: [https://www.who.int/gpsc/5may/How\\_To\\_HandWash\\_Poster.pdf?ua=1](https://www.who.int/gpsc/5may/How_To_HandWash_Poster.pdf?ua=1)

## Message from our Webbie Sharon Jones

### STAY CONNECTED

<https://www.facebook.com/Canaveralmgs/>

SHOW & TELL: We've been posting pictures of member's work during the Covid-induced shutdowns...so for the September meeting, let's see those cool pieces in person during Show and Tell at the September meeting!

HELP PROMOTE OUR ANNUAL SHOW: We'll shortly be posting the "Event" via Facebook. Last year we really increased our attendance using this method and our vendors told us they appreciated it! Please be on the lookout for that posting and please SHARE, SHARE, SHARE...if you don't know how, send us a message on FB, on the web, or [webiecmgs@gmail.com](mailto:webiecmgs@gmail.com). You can also point people to our page, its Public so you don't even have to have a Facebook account to see it!

Think about how many more people see something if each of us shares it! There's LOT more publicity if your friends see it! This year we'll need all the help we can get in every aspect of the show. Start thinking of ways you can help and let our show chairman, Don, know you're willing.



We've had a few folks join even during our shutdown. They've already been working in our workshop! If you're not coming to open show, you're missing the fun. We are being responsible, keeping distance, and wearing masks.

Note: As the admin I monitor and ensure everything on this page is proper, and edifies our club and each other. We are a not-for-profit club and do not sell on this page, but as a member you may post a link to your page. Please be respectful of this.

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### Pictures Wanted

If anyone has any semi-recent pictures; such as Show pictures, Class work pictures, any lapidary item pics, etc. etc., that can be used for the Rack Cards &/or Post Cards

To please send a **.jpg** copy to Liz Ritter at [camelot@camelotrvpark.com](mailto:camelot@camelotrvpark.com)  
In the Subject line, Please put **GEM Club pics** or something similar.

Thanks for you help!



Liz Ritter

## Mineral of the Month—Diamond

By Dave Jacobson

This month we will take a brief look the hardest mineral on the Mohs scale, with a reading of 10, diamond, C, crystallized carbon. Diamond is used a gemstone and an industrially as an abrasive. As lapidaries and faceters we are using diamond all the time. Small diamonds are also used as specimens in mineral collections. Some of the more famous localities where diamonds are found are: South Africa and several other localities in Africa: India, Brazil, Russia, Australia and Arkansas in the United States. In the December 1998 issue of *Rock & Gem* magazine there was an article about diamond collecting in Crater of Diamonds State Park, in Murfreesboro, Arkansas.

Some interesting facts follow. Diamond is a very good thermal conductor. It is 5 times better than the second best thermal conductor, silver. Diamond has the highest melting point which 3820 degrees Kelvin. Diamond has the greatest lattice density which means the atoms are packed tighter together than in any other substance. Diamond also transmits light over a greater range of wavelengths (from ultra violet through the far infrared) than any other substance.

Diamond is in the isometric crystal system. Typical habits are cubes and octahedrons. Diamond has perfect cleavage in four directions, which means, as hard as it is, if it receives a hard blow in one of these directions it can split. In a diamond each atom is at the center of a tetrahedron of four other carbon creating an extremely strong framework although in one direction the structure has fewer bonds resulting in the cleavage plane. This cleavage plane repeats via symmetry to form an octahedron. Diamond comes in many colors with variations of each color including yellows, browns, grays, white, blue, black; reds, greens and colorless. Specific Gravity is 3.5. Hardness is 10. Streak is white.

Diamond and graphite are both polymorphs of the element carbon. Both are carbon but have completely different forms and structure. Some interesting facts about both follow:

<u>Graphite</u>	<u>Diamond</u>
One of the softest minerals	Hardest mineral
Good conductor of electricity	Insulator
Good lubricant	Ultimate abrasive
Opaque	Usually transparent
Hexagonal crystal system	Isometric crystal system

The differences between diamond and graphite are due to the atomic structure of each mineral. In graphite the atoms are closely spaced in planes with wide spacing between the adjacent planes. There is a tight bond between the planes of atoms but a weak bond between the adjacent planes. In a diamond the atoms are equally spaced. Each atom is at the center of a tetrahedron of four other carbon atoms creating an extremely strong framework.

Diamond takes it's name from the Greek *adamas* meaning “invincible” or “hardest”.

I used the following reference materials in preparing this article:

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

*Mineralogy For Amateurs* by John Sinkankus.

Simon & Schusters Guide to Rocks And Minerals.

*Gemstones Of The World* by Walter Schumann.

*The Audubon Society Field Guide To North American Rocks And Minerals* by Charles W. Chesterman.

*Gems, Crystals, & Minerals* by Anna S. Sofianides , George E. Harlow and George W. Robinson, Ph. D.

**Canaveral Mineral and Gem Society**  
**March 4, 2020 Meeting Minutes**

President Don McLamb opened the meeting Wednesday, March 4th at 7:07 pm at The Unity of Melbourne Hospitality Room, 2401 North Harbor City Blvd.

Don welcomed many new guests and members. He also announced that the response so far from dealers regarding the Parade of Gems was great. Don already has one quarter of the dealers signed up for this coming year. Don explained that the Parade of Gems is our major fundraiser for the year.

Melissa Horan announced Dolly's Picnic will be Sunday, April 19th. We need donations for Dolly's picnic. Rock Swap will be held March 21<sup>st</sup> at Wickham Park.

The minutes from last month was amended to add that the Treasurer's report was read by Liz Ritter. Liz announced that we are raising money by the ongoing classes and raffles. She went over the Treasurer's Report including outstanding checks, expenses and incoming money. She explained that the raffles help to pay for tuition for SFMS summer classes for a few lucky members.

Kathy Burnette announced that we have 5 new members but next month we will be cutting members that have not paid their dues. As such, our membership will be down.

Some of our ongoing classes are: Sharon Jones and Dave Wayment will be teaching silversmithing. Scott Belinger is teaching cabbing and Gail Wall will be teaching Fused glass classes. Shannon Byrd will be teaching wire wrap classes. If you are interested in any of these classes, please contact the teacher and sign up.

Bill Harr told about the classes through SFMS that will be held at William Holland in Georgia and Wild Acres in North Carolina this summer. The classes that will be taught are on the SFMS website. Every time you sign into a CMGS monthly meeting you get an opportunity to enter the drawing for free tuition for one of the SFMS classes. If you are one of the lucky CMGS winners, your tuition for one of the SFMS classes will be reimbursed.

Shannon Byrd announced that if you're not getting the Moonstone Newsletter please let her know.

Dave Jacobson spoke about the mineral of the month, Graphite, one of the softest minerals. He compared it to diamonds, one of the hardest minerals. Graphite occurs in metamorphic rocks and is used in pencils, as dry lubricants, electrodes and many other uses. As always Dave's talk was informative and interesting.

Sue Diebel's program on European Adventures was postponed since she was out sick.

Show and Tell: Scott Belinger taught a few cab classes and many of his students brought in cabs that they made including Hannah Cason, Colin Muir, Denise Giesler, Jim Price, Susan Cash and Wayne Mellish. Scott also displayed some of his cabs. Thanks, Scott, for the great classes and Show and Tell participation.

Lynn McKinny shared cabs and information about them that he made for a belt buckle.

Bill Harr showed and spoke about refractile. He put smokey quartz in Benzo Benzo. He also showed some casting samples of dew on flowers.

Mary Kinberg  
Secretary

## Bench Tips by Brad Smith

### Work Smarter & Be More Productive With Brad's "How To" Jewelry Books

[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

#### RAISING A CABOCHON

When a cabochon sits too low in a bezel, the bezel can hide a lot of the stone. The solution is to either sand down the bezel height or boost up the stone. But if you choose to raise it up, the question is what is the best material to use ?

I was taught to use fine sawdust but now think that might be a problem when used in rings. I reason that rings will frequently get wet, which would cause the sawdust to swell in size and push the stone against the bezel. Then when the sawdust dries out, the stone would be a little loose.

In any case, I now prefer to insert a flat sheet to boost up my stones. It can be a scrap of metal or some plastic from product packaging or old credit cards. In either case, just cut a piece to loosely fit into the bezel and drop in the stone (with some dental floss) to check it's height.

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#### TRANSPARENT CABS

When bezel setting a transparent cabochon in silver, I usually cut out the back of the bezel to allow background light to show off the colors and patterns in the stone. If this is not possible or appropriate, I worry that the silver bezel will tarnish under the stone and will ruin its brilliance. What to do?

My solution is one extra step before setting the stone. I place a piece of thin silver Mylar plastic under the stone to act as a mirror that will never tarnish. Mylar is readily available in craft and gift wrap stores, or in a pinch from a party balloon supplier. You may even want to experiment with using colored or patterned Mylar (i.e. diffraction pattern) under some stones.



Solve Your Jewelry Making Problems With Brad's "How To" Books  
[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

## **Bumblebee Jasper - what is it and is it safe?**

There is a lot of confusion surrounding the bumblebee jasper, so I wanted to take a moment to clear up a few questions about it. Please feel free to contact me if you have any questions. This is a beautiful stone and I would not offer it if I thought it was going to do any harm.

First - is it toxic? The short answer is no. The longer answer ...

Bumblebee jasper does contain arsenic minerals - orpiment and realgar. However, these minerals are not toxic unless you eat them. Minerals are elements in a crystalline form. Orpiment and realgar are arsenic sulfate minerals. The arsenic is locked up in the crystalline structure. They are held together by covalent bonds. Covalent bonds are very strong because the elements are sharing electrons between the elements, as opposed to an ionic bond, in which the elements are held together by opposite charges, sort of like a magnet. Covalent bonds are very strong because both elements need the electrons in order to be "electrically stable". To visualize the difference, think of diamond and coal, or graphite. Diamond is very hard, it is the hardest mineral known on the planet. Graphite is very soft, between a 1-2 on Moh's hardness scale (the scale goes from 1-10). Both are made of carbon. But diamond is a covalent bond and graphite is an ionic bond. Diamond is so hard because of the covalent bonds.

So what does this mean with respect to orpiment or realgar? This covalent bond means these minerals do not want to release the arsenic or the sulfur separately. The elements do not break apart and therefore cannot react to their surrounding environment separately. This means that handling them, having them touching your skin or even inhaling small amounts of them are not toxic. When you are cutting this material, because you are physically breaking up the rock, it is possible that some small amounts can be released and ingested. It is advised that you take precautions when cutting this material with ventilation and/or a mask. Overall it will not harm you. If you are making things that will be sold and you are worried about customer impressions of the material, you could add a coating to the surface so they know that it is sealed and cannot release anything. Or you can educate them on the toxicity of minerals. Here is one article that I have vetted that shows minerals that are thought to be toxic but in fact are not (and one that really is toxic). In general, if the mineral is water soluble AND contains toxic elements, then it can be toxic.

Second - Bumblebee Jasper is not jasper at all. It is a misnomer and is used for marketing. It in fact contains no quartz material, which is what jasper is.

So, what is bumblebee jasper? This material comes from Indonesia. Indonesia is basically a bunch of islands made up of volcanoes along a subduction zone between the Indian Ocean and the Pacific Ocean. The Pacific Ocean is sinking under the Indian Ocean and melting (a process I would be happy to go into more if you are interested) causes the magma to form, rise up to the surface and produce volcanoes. The volcanoes are rich in a lot of metals. Around the openings of the volcanoes, tufa forms. Tufa is calcium carbonate (calcite) that is precipitated from hot springs. The magma from the volcano infiltrates the tufa and the elements from the magma and the tufa combine to produce a whole host of minerals. The primary minerals are anhydrite (white calcium sulfate), manganese oxide like pyrrhotite (black color) and orpiment and realgar (orange and yellow color). The bands of these minerals produce the bumblebee colors.

Bumblebee jasper is relatively new to the US market, being introduced in 2015. It is popular for its colors and patterns. It is a beautiful stone and is fun to cut. And it is one of this week's featured products at 15% off, along with Maligano Jasper, which is also from Indonesia.



## 2020 SFMS Classes

Wildacres Sept 14 - 20, 2020

Casting with Bill Harr  
 Chain Maille with Marilou Hillenbrand  
 Electro Etching with Micah Kirby  
 Gem Identification with Teresa Polly  
 Loop-in-Loop Chuck Bruce  
 Metal Mania with Cindy Moore  
 Tangible Moments: Capturing the beauty of Nature in Metal  
 Clay with Judi Talley  
 Silver I and II with Pattie Appleby  
 Southwest Silver with Morning Sherrod

### Up coming Rock and Gem Shows

#### [Gem, Jewelry & Lapidary Arts Show - 11/07/2020](#)

Start Date: 11/07/2020 End Date: 11/08/2020  
 Contact: Norma Jackson  
 Contact Phone: 419-344-9999  
 Venue: Strawberry Festival Expo Center  
 Address: 303 N Lemon Street  
 Plant City, FL 33605  
 Website: <https://tampabayrockclub.org/>

#### **Canaveral Mineral & Gem Show – 11/14/2020**

Start Date: 11/14/2020 End Date: 11/15/2020  
 Venue: Melbourne Auditorium  
 Start Date: 11/14/2020 End Date: 11/15/2020  
 Venue: Melbourne Auditorium  
 Address: 625 E Hibiscus Blvd, Melbourne, FL 32901  
 Website: <https://www.canaveral-mgs.com/>

#### [Gem & Mineral Show - 11/21/2020](#)

Start Date: 11/21/2020 End Date: 11/22/2020  
 Contact Phone: 561-585-2080  
 Venue: Expo Center  
 Address: 9067 Southern Blvd  
 West Palm Beach, FL 33411  
 Website: <https://www.gmspb.org/>

#### [Pinellas Geological Society Annual Gem, Mineral, and Jewelry Show & Sale - 01/08/2021](#)

Start Date: 01/08/2021 End Date: 01/10/2021  
 Hours: Fri/Sat 10:00 - 5:00 Sun 12:00 - 5:00  
 Contact: Lee Sheffield  
 Contact Phone: 727-709-3236  
 Venue: Central Park Performing Arts Center  
 Address: 105 Central Park Ave  
 Central Park Performing Arts Center  
 Largo, FL 33773  
 Website: <http://www.pgs.rocks/>

### Single Piece Competition

This year we are including both beginning and advanced divisions for most of the Single Piece Competition divisions. The competition is open to all club members, and will be held in conjunction with the Parade of Gems. All work, with exception of the stone used in the Jewelry and Metal Craft division, must be the work of the entrant. Judging will be done by Dave and Leslie Wayment following the AFMS Uniformed Rules. Each entrant will receive an explanation sheet from the judges. Prizes for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place will be given. The exact due by date, and whom to give the piece to, will be announced later. If you have any questions, call Dave at 772-532-6432.

**Beading** Either a bracelet, necklace or pendant, containing two or more different beading stitches. Entrant must include with the piece a note card identifying the stitches used, the materials and beads used, and whose design it is. Do not put any means identifying the entrant on the card.

### Faceting:

A stone faceted with a Portuguese cut. Below is one example of a Portuguese cut. Any Portuguese cut may be used. Include a note card identifying the source of the pattern if another pattern is used.

The Portuguese Cut is a popular and time honored design for larger stones. Due to its greater than normal depth it is best matched to stones of light rather than dark color saturation. While the Portuguese Cut has a large number of facets, it can be faceted using straightforward meet point technique. The high degree of symmetry and relative ease with which smaller facets can be polished make this design relatively fast to cut in larger stones. The visual effect of the Portuguese Cut is often described along the lines of "swirling light"

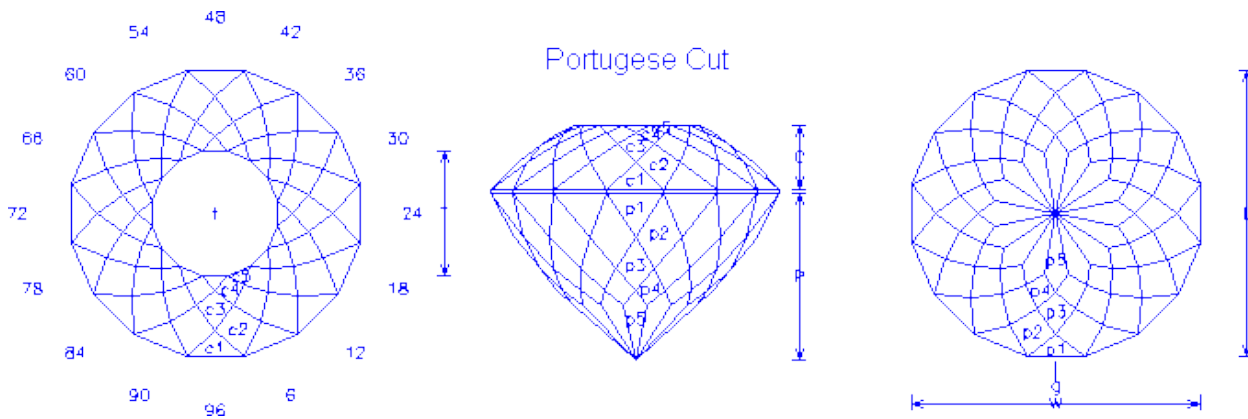
**Beginner** Any Material, natural or man-made, with a finished diameter of 9-11 mm.

**Advanced** Any Material, natural or man-made, with a finished diameter of exactly 6 mm.

Portuguese Cut	
Angles for R.I. = 1.54 and up	161 facets + 16 facets on girdle = 177
16-fold, mirror image symmetry	96 index
L/W = 1.000 T/W = 0.434 T/L = 0.434 P/W = 0.585 C/W = 0.222	H/W = (P+C)/W+0.02 = 0.827 P/H = 0.707 C/H = 0.268
Vol./W <sup>3</sup> = 0.307	Brightness at 0° tilt R.I. = 1.54 COS = 48.5% ISO = 52.5% Brightness at 0° tilt R.I. = 1.97 COS = 65.7% ISO = 76.7%

Pavilion			
g	90.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut to equal depth, establish size
p 1	62.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet g
p 2	57.00	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet g, p1
p 3	52.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet p1, p2
p 4	47.00	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet p2,p3
p 5	42.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet p3, p4 and at culet

Crown			
c 1	46.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet g, cut level upper girdle line
c 2	41.00	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet g, c1
c 3	36.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet c1, c2
c 4	31.00	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet c2, c3
c 5	26.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Meet c3, c4
t	0.00	Table	Meet c4, c5



**Jewelry and Metal Craft**

**Beginner** A Pendant with a bezel set stone, using a minimum of 4 techniques. The stone may be any size between 12 and 40 mm and may be purchased. A note card must be included identifying the materials and techniques used.

**Advanced** A ring or pendant, using any 2 metals with a hand-made basket/prong setting for setting a stone. The stone may be any size between 6 and 55 mm and any shape, and may be purchased. A note card must be included identifying the materials and techniques used.

**Cabochoons**

**Beginner** A 24x10mm Oval, made from any material. The pattern is found on the blue cabochon pattern plate. The cabochon will be evaluated using the pattern for sizing.

**Advanced** A NON-Traditional or Freeform cabochon, containing an inside or concave curve. Any material may be used, any finished size is acceptable.

## **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)749-7675

**Secretary:** Mary Kinberg, 245 Hedgecock Ct., Satellite Beach, FL 52937, (321)223-4260

**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

**Membership Chairman:** Kathie Burnette, 554 Veracruz Blvd, Indialantic, FL 32903, (321) 693-9719

**Education Chairman:** Dave Wayment, PO Box 780791, Sebastian, FL 32978, (772)532-6432

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

**Board of Directors 3yr:** Dave Jacobson, 672 Manor Place, West Melbourne, FL 32904, (321)676-4306

**Board of Directors 2yr:** Mark Heathman, 4166 Mockingbird Dr., Melbourne, FL 32934, (321)253-2856

**Board of Directors 1yr:**

**Board of Directors (Past President) 1yr:** Keith Stokes, 601 Georgia Ave., Melbourne, FL 32901, (321)266-8707

**Librarian:** Sue Diebel, 35 Sapphire St. Melbourne, FL 32904, (321)704-3198

**Bulletin Editor**

Shannon Byrd

2225 Ladner Rd NE

Palm Bay, FL 32907

Email: shannonb787@gmail.com

The Canaveral Mineral and Gem Society meets the First Wednesday of each month at the **Melbourne Front Street Civic Center** Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

**CANAVERAL MINERAL & GEM SOCIETY**  
**NEWSLETTER: MOONSTONE**