

Canaveral Moonstone



Presidents Corner



I hope all of our members, their families and their friends are free from this terrible virus!!

At this time it looks possible that our activities will be able to be enjoyed in May but nothing in this crazy time is certain.

Keep track of any you know that are infirm and help them if you can!

I pray for the quick termination of this virus and the protection and recovery of all!



Don



Exchange Bulletins are Welcome

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

The Dead Line for the May Moonstone is April 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 Unity of Melbourne facility at 2401 North Harbor City Blvd., 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.

April 2020

Sun Mon Tue Wed Thu Fri Sat

			1	2	3	4
5	6	7	8	9	10	11
12 Happy Easter	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

SFMS info on Coronavirus

Just providing some more information:

- The main symptoms of COVID-19 are cough, fever, and difficulty breathing.
- If you are over the age of 65 and/or have a health condition that makes you “high risk” it has been strongly encouraged you to stay home.
- If you answer yes to any of these questions, you should consult with your primary physician.
- Do you have fever of 100.4 or greater, AND a cough or shortness of breath?
- Have you had a close contact with a laboratory-confirmed COVID-19 case?
- Have you been hospitalized with acute lower respiratory illness of unknown origin?
- Have you had a history of travel to or from an affected geographic area with widespread community transmission? (Outside of US – e.g., All Europe, Iran, China, Japan, South Korea, Italy, England/UK, Egypt; or in the states of California, Washington, New York, New Jersey, Connecticut or other high COVID state/international area)
- Have you had a history of a cruise in the last 14 days?
- Are you age 65 or older?
- Do you have any serious underlying medical issues?
- Are you immunocompromised?

Another resource for you, provided by Robin & Jennifer Findley:

Johns Hopkins University & Medicine

<https://coronavirus.jhu.edu/map.html>

Our April monthly meeting and Dolly's picnic have been cancelled. Open shops have been closed until further notice.

These steps have been taken as a safe guard for our group. Many of our members would be high risk for getting very ill from the Coronavirus.

Stay Safe

Message from our Webbie
Sharon Jones

OUR FACEBOOK (you don't have to have a Facebook account to see this page)

Let's Stay Together even though we're apart! CMGS members are fortunate, we have a hobby to keep our minds on something fun in the midst of trying times. So let's pretend we can still get together & get ideas/ inspiration from each other...via Facebook <https://www.facebook.com/Canaveralmgs/>

- * Post pictures of projects you're working, take pictures & post " in your process" as well as completed.
- * Stumped on something you're wanting to do, ask for help.....ie. post a picture of a cab you can't quite decide on a great jewelry design idea for. Members can post drawings of their ideas for you.
- * Post tips you've learned, good web resources, books, etc. etc.

When we get together part of the fun, we have is talking about what we're working on. If you post on our FB site, we can see what each other is doing, comment on each other's projects, give each other tips/ideas...etc.

Updates on Workshop reopening, meetings & any events we have are always communicated via our newsletter, Facebook site, and our web.

Let's Stay Together

Let's have fun

Let's help each other stay encouraged about our hobby in spite of a virus keeping us apart.

We can still have fun together, even when we are not together.

On the bright side, I am no longer calling this shelter-in-place.

I am now an artist-in-residence.

Mineral of the Month—Lapis Lazuli

By Dave Jacobson

This month we will take a brief look at an interesting blue rock, lapis lazuli, a sodium calcium aluminum silicate. Lapis lazuli is a rock composed of the mineral lazurite and several other minerals. The mineral lazurite $(\text{Na,Ca})_8\text{Al}_6\text{Si}_6\text{O}_{24}(\text{S}, \text{SO}_4)$ sodium calcium aluminum silicate sulfur sulfate, makes up 25 to 40% of the rock, other minerals can include augite, calcite, diopside, enstatite, mica, hauynite, hornblende, sodalite and/or pyrite. The sulfur in the lazurite is the element responsible for the blue color. The blue color is more evenly distributed in the better specimens. Pyrite is always present in lapis. Pyrite provides little golden flecks thru out good lapis. Lapis is a rare metamorphic rock. It is formed by the interaction of granite like magma with metamorphosed limestone's. The two major areas where lapis lazuli is mined are Afghanistan and Chile. Lapis is also found in Angola, Russia, Burma (Myanmar) Canada and Pakistan. In the USA it is found in California and Colorado.

Lapis has been mined for over 6000 years. Lapis used for jewelry as well as other types of lapidary work, including carving. It has also been used as ornamental stone in construction. Ground up lapis was used in the manufacture of the pigment ultramarine until 1828 when another process was developed to produce ultramarine.

Lapis is most always found as massive material, although the mineral lazurite is in the cubic system. Color is typically blue, sometimes greenish blue, sometimes violet. It has a conchoidal grainy fracture. Streak is blue. Hardness is 5 to 6. Specific Gravity is 2.5 to 3. Care should be taken with lapis lazuli as high pressure, high temperature, acids and alkalis can damage it. Do not wear lapis rings when doing household work

The name lapis lazuli came into use in the middle ages. It's name came from the Latin word *lazulus* meaning "blue stone". *Lazulus* was derived from the Persian *lazhuward* which means "blue" and the Arabic *lazaward* which means, "heaven", "sky" or "blue"

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.

Minerals 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.

Amethyst Galleries Mineral Gallery on the Internet at <http://mineral.galleries.com>.

1999-2000 <http://www.britannica.com>

Microsoft® Encarta® Encyclopedia 99



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 21st 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)

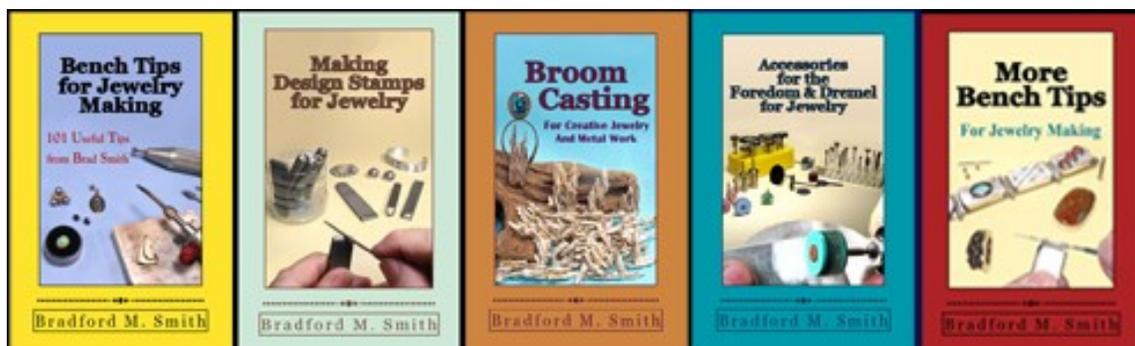
PRE-MADE BEZEL CUPS

As a general rule of thumb I assume it's going to take me 15 - 20 minutes to make a bezel for an ordinary cabochon, so for some projects buying pre-made cups can save a lot of time. But if you go this route, keep in mind three things.

First, try to get cups made from fine silver, not sterling. Fine silver is softer and burnishes over the stone more easily.

Second, you may have trouble matching the shape and size of the stone with the shape and size of the bezel cup. Purchased cups can only be found in a limited number of standard sizes. You may have to adjust your choice of gemstone to match the cup. The other consideration is that pre-made cups often have fairly low side walls. While these are fine for low-dome stones, they're not dependable for stones with steep side walls.

Lastly before setting, check the fit of your gemstone in the cup, particularly around the bottom. The bottom corners of a stamped cup are much more rounded than a bezel you would fabricate yourself. This causes a problem with stones that have a sharp edge around the bottom. Burnishing the bezel over one of these stones will place a lot of stress on the stone and may cause it to crack. To avoid this, I round off the bottom edge of the stone with a diamond file (or use sandpaper on soft stones).



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

2020 SFMS Classes

William Holland June 7 - 12, 2020

Cabochons with Paul Roberts
Casting with Bill Harr
Faceting with Linda Searcy
Flame Painting with Janet Pace
Fly Tying with Jeff Heer
Intarsia with Bill Boggs
Loop-in-Loop Chuck Bruce
Metal Mania with Cindy Moore
Seed Beading with Jerri Heer
Silver 1 with Pattie Appleby
Silver II with Dale Koebnick
Silver-Wear I and II with Jan and Keith Stephens
Wire II with Gene Sheridan



Wildacres August 17 - 23, 2020

Bench Making with Danny Griffin
Cabochons with Buddy Shotts
Colored Pencil Jewelry on Metal with Mary Karg
Enameling with Ruth Prince
Methods of stone setting with Metal Clay with Judi Talley
Metal Mania with Cindy Moore
Special Projects with Jeff Sheer
Seed Beading with Gail Deluca
Silver I and II with Pattie Appleby
Southwest Silver with Morning Sherrod
Wire Wrapping with Rowan Rose-Morgan

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

Club contacts

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

CANAVERAL MINERAL & GEM SOCIETY
NEWSLETTER: MOONSTONE