

Canaveral Moonstone



Presidents Corner



June is famous for weddings and in Florida, infamous for the start of the hurricane season. It is time to review your hurricane preparation and plans.



Our Parade of Gems Show is still 5 months away and I have volunteers for leaders for all of our key operations. I will keep reminding CMGS members that they all need to plan to help these leaders in making the November 10, 11 & 12 show another success. At this time there are only 6 booth locations still not committed (out of planned 45). There are several CMGS members that are dealers each year. If any others would like to be considered being a dealer, please contact me.



Shannon has been pleased with the continued great donations she gets for our raffles to raise funds for CMGS member scholarships at Wild Acres and William Holland. The scholarships are awarded by a drawing in March each year. The drawing contains the names of all CMGS members that have attended a CMGS meeting. Their names are included once for each meeting attended. The scholarship reimburses the winner for the one week cost of attendance (approximately \$380) but not the cost of travel or class materials.

Don

Exchange Bulletins are Welcome

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

The Dead Line for the July Moonstone is June 20, 2017

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

Feel free to send me articles or pictures for the newsletter at 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 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.

June 2017

Sun Mon Tue Wed Thu Fri Sat

				1	2	3 Open Shop 9 am-12 pm
4	5 Beading Class & Open Shop*	6	7 June Meet- ing 7PM	8	9	10 Open Shop 9 am-12 pm
11	12 Beading Class & Open Shop*	13	14	15	16	17 Open Shop 9 am-12 pm
18 Fathers Day	19 Beading Class & Open Shop*	20	21	22	23	24 Open Shop 9 am-12 pm
25	26 Beading Class & Open Shop*	27	28	29	30	

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

Monday Open Shop 6PM—9PM

Bench Tips by Brad Smith

See all Brad's jewelry books at Amazon.com/author/bradfordsmith

Making wire for filigree is quite simple. Take a double strand of 24-26 gauge silver wire, twist it tightly, and then flatten it a bit. While the basics are straightforward, here's a few tips that will quickly make you an expert with filigree.

Filigree looks best when the wire has a very tight twist. The way I do this is to start with dead soft wire and twist it until it breaks. It always seems to break on one end or the other. I like to use a screw gun, although a Foredom also works well. Be sure to keep a little tension on the wires as you twist. Then to get a real tight twist, I anneal the wire and twist it a second time until it breaks.

The final step in prepping the filigree wire is to flatten it slightly with a planishing hammer or rolling mill. The amount of flattening is a personal preference. I like to reduce the diameter about 25%. The wire will be quite stiff at this point, so it's best to anneal it again before starting to make the filigree shapes.



May Business Report May 3, 2017

The meeting was called to order by President Don McLamb. The club welcomed guests and new members Cindy Leatherwood, Edward Egnell and Denice Cummings. Don reminded us that the donation from A. B. Amis of rocks and minerals were displayed in the back room in silent auction form for guests and members to purchase.

Art DeLaurentis told the club that he went to the award ceremony for the University of Florida Atlantic that we give annual scholarships to.

The school sent a thank you. The students will be going to Arizona and National Parks there.

The April meeting minutes were approved and Liz Ritter gave the Treasurer's report. Class revenue is steady and we made profit from Dolly's picnic in our auction sales.

Kathie Burnett stated that we now have 157 active members and all's well.

Kitty McLamb asked members that if you know anyone who in need of correspondence please let her know.

The SFMS raffle is still selling tickets. You can go to the Lodestar website to review the donated items. The tickets are 5 for 20\$ or 4 for 1 ticket. There are 75 clubs involved. You have until October to give a donation.

Thank you Bea Dietz for hospitality for the meeting.

Dave Wayment gave the educational report and stated the classes are steady and going well. Workshops are a great way to learn all aspects of the lapidary world. The club's workshops are Monday from 6-9 P.M. and Saturdays from 9-12P.M.

The Mineral of the Month was Serpentine.

Show and Tell gave some nice items from classes taken. Shannon Byrd showed some examples from Leslie Wayment's Intermediate Cabbing class. Sharon Jones shared her castings from succulents. She will be making molds for sharing. She recently viewed a YouTube on polishing up Fire Agates that was interesting. Ed Bayles brought in some Herkimer Diamonds from N.Y. Mark Heathman shared his recent work with Charoite, Sugarlite, Opitical Quartz, and Black Coral. Kathy Ero showed some fused glass from the class she's teaching. Also she showed her nature castings and some enamel pieces in Raku of copper and silver. Sharon Barnoff showed pieces from Kathy's class and beading from Haydee's workshops on Monday afternoons and evenings. Haydee Hernandez brought in examples that the gang make Mondays. Thanks all!!

Bob Denaburg shared his recent experience at the Melbourne Art Festival. He stated that the organization is giving good donations to help the local schools.

Don McLamb reminded everyone to put out locally the Parade of Gems pamphlets when you can.

The raffle winners for our club scholarships to the SFMS workshops were Jack S. nabbing owl earrings, Kitty McLamb with an anchor pendant, and Rosemary White with a beaded bracelet.

After the refreshment break Roy Deere gave a presentation of the SFMS workshops and how a wonderful experience they are and can be. The opportunity for members to learn a craft in a beautiful part of the country and for minimal expense is something to not pass up.

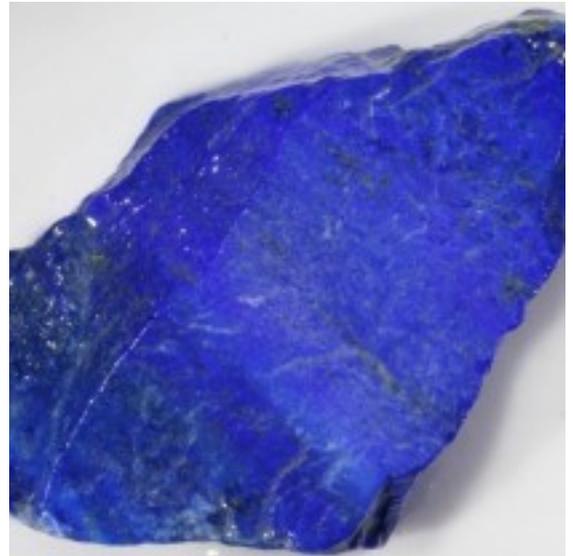
Hope everyone had a nice Memorial Day and see you in June!

Respectfully yours,
Denise Jackson, Secretary

Rock 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, nosean, 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

William Holland Workshop

June 11-17, 2017

<http://sfmsworkshops.com/>

Tuition \$370

Full descriptions of class and instructors on website



Beading – Gail DeLuca

Gail's 2017 SFMS classes will be all about playing with flat Peyote Stitch. This class will be appropriate for both beginners and experienced stitchers. Class kits include bead kits and instructions for 4 projects using variations of flat peyote stitch: Color Block Bracelet, Hombre Ombre Amulet Bag, Zig Zag Bracelet, Freeform bracelet

Class Kit Fee \$150. Includes beads, findings, instructions, and notions for four complete projects as pictured. Several color options will be available.



Cabs 2 With Intarsia – Paul Roberts

This course is designed for those with some cabbing experience who wish to broaden their skills. Dopless cabbing of fancy shapes and freeforms (including use of the instructor's special carving wheels and jeweler's bit) will receive some attention although for the most of this week we will concentrate on making composite cabochons (intarsia utilizing a Genie cabbing machine and an intarsia grinder). We will also cover instructions for simple settings (wire/groove and prong-sets). Lab Fee: \$45 Estimated Material Costs: \$0 -\$100



Casting – Bill Harr

This class will teach silver casting for beginner and intermediate silversmithing. The emphasis will be on production centrifugal casting, meaning techniques for high reliability. The class will teach centrifugal and vacuum casting, wax modeling, sprueing, investing, burnout, casting, finishing and polishing, rubber mold making and wax injection. Steam casting will be covered if there is interest. Waxes will be available, and students will learn to inject their own. Lab Fee: \$80 Estimated Material Costs: \$0 -\$100



Gemstone Faceting – Linda Searcy

In this week long workshop, you will 1) get acquainted with the faceting machine. 2) learn about abrasive disks / laps to do the cutting / grinding and polishing. 3) learn how to turn a piece of natural or man-made (synthetic) crystal into a beautiful gemstone; learn how to prepare / dop a stone; learn how to read and understand a faceting diagram; learn Meet Point (precision) faceting. By the end of the week, you should complete at least one or several gemstones. Material / Lab fee: \$50



Immersion Enameling and Cold Connection – Debora Mauser

First we will learn the immersion method of enameling, often referred to as Painting with Fire. We will combine that with various cold connection treatments and metal shapes formed with a hydraulic press. Students will enamel beads, flat pieces and formed pieces. You class fee includes one tank of map gas, use of all enamel and enhancements, all copper and brass needed to complete projects, beads, ear wires and leather.

Class fee \$175, includes gas, enamel, metal, beads, leather, rivets.

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<http://sfmsworkshops.com/>

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Inlay/Silver 1 INTRO TO INLAY – Chuck Bruce & Co-Teacher Micah Kirby

Beginning Inlay Jewelry – Students will construct an inlay pendant (project 1), and student choice after. Suggestions for project, Large Inlay pendant, inlay bead, Inlay Ring, Belt Buckle, and Cuff links. Students can bring basic silver tools, pocketknife or scribe, will have most tools needed. Students need to bring or purchase 2-3 slabs of rock that are similar hardness. Lab Fee: \$150.00 Includes Sterling Silver for Project 1. Estimate Material Cost: First 1 projects are included in lab fee, other materials plan on \$100 to \$300.



Opals 1 – Cheryl Kasper

You will learn about various types of opals, how to cut and polish opal, how to read a stone before and during cutting, what makes opal precious, how opal forms, the equipment and supplies used to cut, treatments, care and tips for setting opals, opal valuation and why opal is such a unique and mysterious gemstone. Opals, books and supplies will be available for purchase. You are invited to bring your own opal as well. No prior experience is required. Lab fee: \$70



Silver 2 -Southwest Style, Vickie Prillaman

This class will cover the Southwestern style of jewelry. We will discuss the styles and what are the differences between the Hopi, Navaho, and Zuni and other tribes. You will learn how to make several sizes of feathers, flowers, geckos, and other common southwest symbols. We will make our own appliques to add onto pieces of jewelry, whether it's rings, bracelets, pendants, or earrings. We will also use stamps to make designs in the metal. Lab Fee: \$80.00 Est. materials cost, depending on the price of silver: \$190.00-\$270.00



Silver I – Pattie Appleby

Time to hone those solder skills! Our first project is a sterling silver CRAZY CHAIN! During the week we will learn how to use the rolling mill, hydraulic press, and other tools in the studio! We are also going to make a bezel by building a stone-set sterling silver wide band ring. Then, let's make a chunky filagree ring! And finish the week off with a stone-set pendant with a toggle closure. And, of course, there will be fun, quick items to make during the week Lab fee is \$60 and the class projects' fee will be approximately \$150-175



Wire I – Spoon Jewelry – Jan Stephens

This course will be a fun filled week designed to give students a sample of both the art of wire jewelry making and jewelry made of repurposed vintage Silverware. The first two days will be spent making wire bracelets, rings and earrings while learning basic wire wrapping techniques. This will be followed by three days of experimenting with bending vintage pieces of Silverware into beautiful "SilverWear" bracelets, rings, earrings and pendants. Course Fee: \$175.00

South Eastern Federation of Mineral Societies

The Lodestar is a monthly publication of our South Eastern Federation of Mineral Societies.

Anyone interested in receiving a copy just need to send an email to sfms.lodestar@gmail.com and they will be added to the distribution list.

2017 SFMS Wildacres Workshops

Visit the website at <http://sfmsworkshops.com/>

Workshop II – Wild Acres – July 23-29, 2017

Wire	Rowan Rose-Morgan
Beads	Gail DeLuca
Creative Jewelry Design	Morning Sherrod
Metalsmithing for Juniors	Dave & Leslie Wayment
Raku Pottery	Gary Lee
Chain Maille	Roy Deere
Gem Trees	Jerri Heer
Casting 1	Kim St. Jean

Workshop III – Wild Acres – August 21-27, 2017

Gourds Are Coming Back	Pat Davis
Metalwork Special Projects	Jeff Sheer
Casting	Bill Harr
Boot Camp in Metals and Fire	Linda Searcy
Cold Connections I	Morning Sherrod
Chain Maille	Roy Deere

Workshop IV – Wild Acres – September 18-24, 2017

Silver	Pattie Appleby
Int./Adv. Seed Bead Stitching	Gail DeLuca
Cold Connections II	Morning Sherrod
Metal Folding	Kay & Tom Benham
Bench Building	Danny Griffin
Soapstone & Wood Carving	Mary Weinheimer

Website News

Checkout the "Member's Only" section of the club's website: <http://www.canaveral-mgs.com/members-site> for recommendations of tools & Good tutorial sites. Please add your own comments to help others with things you've learned. Log in with the email address you receive communications from the club & whatever password you'd like. If you have any problems our questions click the "contact" link on the home page & the webie will assist you. <https://www-canaveral-mgs-com.membership.editmysite.com/login>

Club contacts

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

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Board of Directors (Past President): Dave Jacobson, (321) 676-4306

Board of Directors 2yr: Freda Hull , (321) 725-0847

Board of Directors 1yr: Roy Deere, (321) 725-9179



Images from the beautiful Central Oregon Coast, taken May 2017 by Shannon Byrd

My husband and I enjoyed 10 days playing on the beaches and exploring the forest in Oregon.



I will have Oregon rocks on display for show and tell at our June meeting on 6/7.

Bulletin Editor

Shannon Byrd

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Palm Bay, FL 32907

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

CANAVERAL MINERAL & GEM SOCIETY
NEWSLETTER: MOONSTONE