

Canaveral Moonstone



Presidents Corner

We hope you have all had a great Summer; no hurricanes yet but lots of rain.



After our July and August break I hope we have a large turnout for our September meeting (Unity of Melbourne, 2401 North Harbor City Blvd; Melbourne; from 6:30 to 9:30pm).

Our participation at our new CMGS Shop (255 East Drive, Melbourne) has been light during the past few months.



We were down for a couple months with the transition from the Henegar. The support we had from a huge number of members in vacating Henegar and building the new shop was outstanding.

The new shop is open for your enhancement of skills and creation of gems and jewelry.

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, 2019

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.

September 2019

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 Open Shop 5:30—9 PM	3	4 Monthly Meeting 7PM at Unity	5	6	7 Open shop 9AM_ 12:30PM
8	9 Open Shop 5:30—9 PM	10	11	12	13	14 Open shop 9AM_ 12:30PM
15	16 Open Shop 5:30—9 PM	17	18	19	20	21 Open shop 9AM_ 12:30PM
22	23 Open Shop 5:30—9 PM	24	25	26	27	28 Open shop 9AM_ 12:30PM
29	30 Open Shop 5:30—9 PM					

Open shops are held at the new workshop at 255 East Drive in Melbourne

Website News By Sharon Jones

"The new shop is amazing & lots of volunteers made it happen. The address and shop hours are on our website @

<https://canaveral-mgs.com>. While you're there log into the member's

Only portion and add your two-cents worth...good web sites you've come across, good books, etc pertaining to our hobby."



Like us on Facebook

Canaveral Mineral and Gem Society June 5, 2019 Meeting Minutes

President Don McLamb opened the June 5th meeting at 7:08 pm. He welcomed us to our first meeting at The Unity of Melbourne Hospitality Room, 2401 North Harbor City Blvd. Reminding us that for easy access, park in the back as they have a good handicap ramp.

Don welcomed new guests Loret Gomez and Collin Muir, they introduced themselves.

Don said a super thank you to Dave Wayment for spear heading the new workshop project and a huge thank you to everyone that helped. Everyone has done a fantastic job. Our club will get 2 months of our lease back from the Henegar Center for moving out of the space by the end of May.

There will be an Open House at our new workshop at 3:00 pm Sunday, 255 East Dr., Suite K. Please bring refreshments. Clean up day on Saturday before the Open House at 9:00 am.

Don also announced that we have lost a wonderful member with Barbara Deere's passing. We will be keeping Barbara and Roy in our prayers.

The May minutes were voted on and approved.

Treasurer, Liz Ritter, said we had a lot of checks go out because of repairs on the new workshop. We've received \$6000 in checks for the Gem Show in November and have sold a cabbing machine and some tools. We have paid our rent through December for our new workshop. Liz Ritter reminded everyone that we won't be meeting in July or August.

Kathie Burnette said membership is up to 139 people.

Sue made announcements about the library. It will be categorized and cross referenced by September. You can buy magazine holders for \$.50.

Melissa and Sharron both made comments about how great the new workshop looks and how important it is to work on keeping it looking nice. Many of the volunteers have worked every day for a month! Let's all keep it nice by cleaning up after ourselves, taking out the trash and helping however you can.

Sue also suggested that people bring in things like pencils, notebooks, etc for the new workshop.

Shannon announced that she won't have a Moonstone until closer to September since there are no meetings in July or August.

Dave Jacobson spoke about Galena, a common mineral and one of the more important lead ores.

Sharron also reminded everyone that we get a 10% discount if you order from FDJ by being a club member.

It was a great night of sharing helpful ideas, learning experiences, and beautiful projects to share. I tried to write them down and finally gave up. I loved all the sharing and found it fascinating! Thanks!

Mary Kinberg
Secretary

Mineral of the Month—Calcite

By Dave Jacobson

Calcite is the common crystalline form of natural calcium carbonate (CaCO_3), the basic constituent of limestone, marble and chalk. Calcite is one of our more common minerals and located just about every where, even forming in pockets in the cochina rock found along the beach in Brevard County. Calcite is noted for the variety of its crystal and massive forms and is represented in most mineral collections.

Calcite is a carbonate mineral with crystals in Hexagonal system. It is mostly colorless, white or various pale tints, although it can be any color depending on the mineral impurities associated with the calcite. Its hardness is approximately 3 with a specific gravity of 2.7. One of the tests for calcite is the use of cold hydrochloric acid. Calcite will bubble vigorously when a drop of hydrochloric acid is applied to the specimen. Some varieties of calcite will fluoresce with ultra violet such as those from Franklin, New Jersey. Calcite from Franklin fluoresces red due to the manganese activator in this material.

Calcite gets its from the Latin calx, calis, "lime", originally from the Greek chalx "burnt lime". The information on the origin of the name is from the book *MINERALOGY FOR AMATEURS* by John Sinkankas.



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Bench Tips

by Brad Smith

Learn New Jewelry Skills With Brad's "How To Do It" Books

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

MAKING FILIGREE WIRE

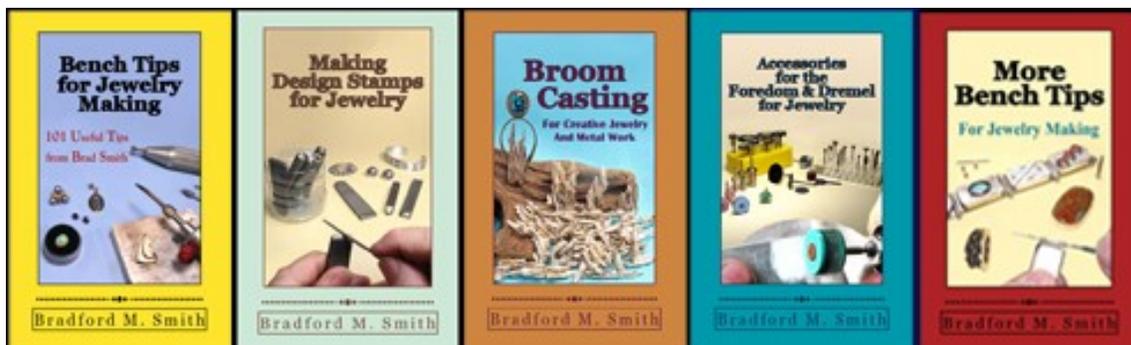
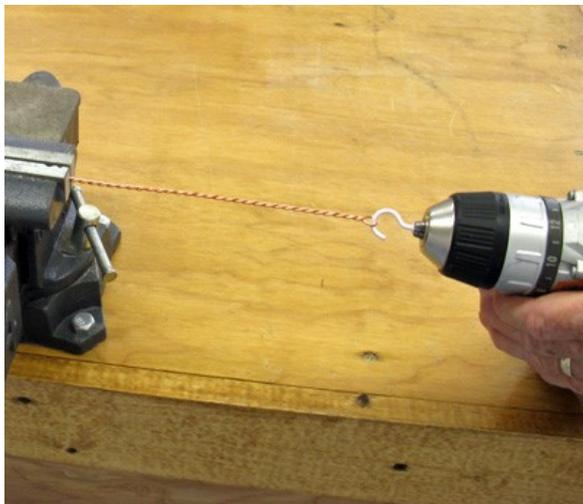
Making wire for filigree is quite simple. Take a double strand of 24-26 gauge silver wire, twist it tightly, and then flatten it a bit. While the basics are straightforward, here's a few tips that will quickly make you an expert with filigree.

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. You'll need a small hook in the spindle, either a cup hook from the hardware store or a nail that has been bent into the shape.

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.



Coming Gem & Mineral Shows

09/27/2019 - 09/29/2019

Jacksonville Gem & Mineral Show

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

10/19/2019 - 10/20/2019

Florida Fossil Hunters Fossil Fair

Indoors at Central Florida Fairground, 4603 W Colonial Dr, Orlando, Florida 32808

11/02/2019 - 11/03/2019 11/02/2019

Tampa Bay Gem, Mineral & Jewelry Show

Plant City Strawberry Festival Expo Hall, 2301 W. Oak Avenue, Plant City, Florida 33563

11/08/2019 - 11/10/2019

Jacksonville Christmas Bead & Jewelry Show

Morocco Shrine Center, 3800 St. Johns Bluff Rd., S., Jacksonville, Florida 32246

11/09/2019 - 11/10/2019

The Canaveral Mineral & Gem Society will present its 46th annual "Parade of Gems" Show & Sales

Dates: November 9 & 10, 2019

Time: 10:00am to 5:00pm

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

Action: 40+ dealers displaying & selling Jewelry, Gems, Minerals, Crystals, Fossils, Tools, Rocks and Slabs

Admission: \$5.00 Donation

Information: <http://www.canaveral-mgs.com>.

Dealer Setup: November 8; Noon to 6:00pm followed by Member & Dealer Dinner.

Continuous Armed Security November 8, 9, & 10.

Contact: Don McLamb

CMGS President

2019 Show chairman

321-723-2592

11/23/2019 - 11/24/2019

Gem, Mineral, Jewelry, Bead & Fossil Show

South Florida Fairgrounds Expo Center East, 9067 Southern Blvd., West Palm Beach, Florida 33411

12/06/2019 - 12/08/2019

Withlacoochee Rockhounds Gem, Mineral, Fossil, & Jewelry Show

Veterans Memorial Park, 14333 Hicks Rd., Hudson, Florida 34669



First pendant is Kentucky agate, next is polycromb jasper, third is bumblebee jasper and last is mookite jasper

New creations by Arthur DeLaurentis

Pictures from the new shop and grand opening

Pictures by Susan Diebel and Stephany Murphy



Cabbing room



← Casing area



The silver smithing area -->



We had a great turn out for our open house/grand opening.



The new Saw room - gee there really is room to move around in here!



Mike and Mark in the faceting room



Benches for silver smith classes

Wildacres September 16-22, 2019

Advanced Casting

Chain Maille

Cold Connection

Electro-Etching/Wood Inlay

Introduction to Gem ID

Metal Clay – Tangible Moments

Silver I

Stone Inlay

SFMS Classes 2019

Each of the class names are links to more information about that class.

CONSTITUTION BY-LAWS
FOR
CANAVERAL MINERAL AND GEM SOCIETY, INC.

Revised September 7, 2000

CANAVERAL GEM AND MINERAL SOCIETY
BYLAWS REVISIONS, SEPTEMBER 7, 2000

A motion was made by the Revision Committee to revise

Article 7, Quorum, Paragraph I of the By-laws.

The motion was presented and passed at the General

Membership meeting on September 7, 2000.

A quorum for a business meeting of the Society shall consist of 25% of the Active Membership at the time of the Meeting.

The Revision Committee Consisted of C. R. Denaburg, Richard McAllister and Marshall Snapp.

Constitution

ARTICLE 1. NAME

The name of this Society shall be: Canaveral Mineral and Gem Society

ARTICLE 2. PURPOSE AND OBJECTIVE

For the preservation, support and promotion of the hobby of Mineralogy and its various forms of allied activities and Earth Sciences.

To dedicate ourselves to the furtherance of the Hobby through our exchange of knowledge, experience, and other helpful information among ourselves and other like organizations.

To further the education of members and general public of the hobby by programming talks, discussions, motion pictures, and staging shows and exhibitions.

To maintain active affiliation with the Southeast Federation of Mineralogical Societies, Inc. and to participate in the Federation to the fullest extent.

ARTICLE 3. MEMBERSHIP

Membership in this Society shall be in two (2) categories: Active and Junior. The Active membership shall consist of Regular and Honorary.

The Active membership shall be the controlling group with all the rights of membership, including the right to vote on all matters pertaining to the election of officers and directors and the general management of the affairs of the Society.

ARTICLE 4 OFFICERS

The officers of this Society shall be a President, Vice President, Recording Secretary, Corresponding Secretary, Bulletin Editor, Education Officer and a Treasurer, all of whom shall be elected annually for a term of one (1) year. Four directors, together with the aforementioned officers shall comprise the Board of Directors. The immediate Past President of the Society shall automatically become a member of the Board of Directors, to serve for one (1) year. One Director shall be elected each year to serve for a term of three (3) years.

ARTICLE 5 COMMITTEES

1. The President shall recommend to the Board of Directors the appointment of Society members to carry out various necessary Society functions such as Shows, Programs, Field Trips and so on. Such appointments shall become effective upon approval by a majority of the Board of Directors and shall normally terminate on the lastday of the year.
2. The Vice President shall be vested with all the powers, and shall perform all the duties of the President, in the absence or disability of the President.
3. The Recording Secretary shall keep the minutes of all meetings of the Society and the Board of Directors and shall be prepared at all times to furnish information on all rulings of the Society and perform such other duties as may be assigned by the Board of Directors or the President.
4. The Corresponding Secretary shall be responsible for conducting the Society correspondence, maintaining the correspondence file, collecting the Society mail at the post office, and segregating such mail according to the action required by the President or the Board of Directors. Any correspondence requiring immediate attention shall be coordinated with the proper officer and/or the Board of Directors members prior to regular meetings and perform such other duties as may be assigned by the President or the Board of Directors..
5. The Bulletin Editor shall be responsible for publishing the Society Bulletin and will attend Board meetings and regular meetings to report Society business and Federation affairs. He shall be responsible for maintaining Society Property used in publishing the Bulletin.
6. The Education Officer shall be responsible for coordinating all educational activities of the Society. These shall include, but not be restricted to: Workshop Education; Lectures; Demonstrations; Displays and all Community Educational activities sponsored by the Society. He shall coordinate the educational activities at shows, meetings and other Society functions.

7. The Treasurer shall keep all records of dues received as well as all other money. He shall deposit all Society money in a financial institution designated by the Board of Directors, and shall pay all bills after they have been approved by the Board of Directors or by the officers or by the committee chairman responsible for them. The Treasurer shall present to the Board of Directors when requested, and at each of its business meetings, a written report of the receipts and disbursements of the Society since the last report. The Treasurer's books shall be audited at the end of each fiscal year by an auditing committee of two or more Active members appointed by the Board of Directors. The Treasurer shall be responsible for filling out and filing the Corporation State Tax Report of the Society when due each year, which should be signed by the Treasurer and the President.
8. Any officer derelict in his duties, and any member whose conduct is such that it is considered detrimental to the welfare or reputation of the Society may be removed from office or from membership by a majority vote of the full Board of Directors.
9. Prior to the August meeting of the Society, the Board of Directors shall appoint a Nominating Committee, from the membership, which shall select a Chairman and prepare a slate of at least one candidate for each office to be filled; such slate to be presented to the membership, in writing, at least ten (10) days prior to the date of the November election. Nomination may also be made from the floor. All Nominees must have indicated their willingness to serve, if elected.
10. Vacancies in office or on the Board of Directors which may occur prior to the expiration of the fiscal year shall be filled by appointment by the Board of Directors to serve for the remainder of the fiscal year. Vacancies occurring on the Board of Directors shall be filled by nomination and a majority vote of the membership at a regular meeting, to fill the unexpired term involved, to apply to elected Board members only.

ARTICLE 6 MEMBERSHIP

1. Active membership shall be extended to persons, male or female, over the age of eighteen (18) years, who will abide by the laws of the Society and who demonstrate a desire and willingness to be dedicated to the purposes herein stated. Active membership shall become effective at the time dues are paid. Active membership shall be retained by the annual payment of dues for the ensuing year. Retention of membership shall be automatic under such conditions, unless membership is under challenge, as stated herein. Active member shall comprise two (2) groups: Regular and Honorary. Regular membership shall consist of those members in the Active category. Honorary members shall be in either age group, and no age distinction shall be made.
2. Honorary membership shall be conferred on individuals selected by the Board of Directors and approved by unanimous vote of Active members present at a regular meeting of the Society. Honorary membership shall be effective for life, unless membership is under challenge, as stated herein.
3. Junior membership shall be open to any person under the age of eighteen (18). They shall be entitled to all the privileges of membership except the right to vote or hold office.

ARTICLE 7 VOTING

1. Each Active member in good standing shall be entitled to one vote and the privilege of holding office. The President shall vote only in case of a tie, but shall have the privilege of voting at the general election of officers and Directors.
2. Election of all officers shall be by ballot, unless there are no nominations from the floor and the slate as presented by the Nominating Committee is not contested, in which case a motion may be made, seconded and passed by unanimous vote to have the Secretary cast the ballot in favor of the presented slate.
3. Members who are unable to attend any meeting at which issues requiring advance notification are to be voted upon may submit proxy votes. Proxies will be credited toward quorums and counted for or against issues involved, as if the proxy-voting members were present and voting in person. Members may cast proxy votes by submitting signed statements of their choices to the Secretary. Proxy submissions to the Secretary may be made direct, by mail or through members attending in person.

ARTICLE 7 DUES

1. The amount of all dues shall be determined, regulated or altered by a two-thirds vote of those present at a regular meeting of the Society, adequate to cover the amounts needed for the operation of the Society, providing there is a quorum present.
2. Dues shall be payable on or before the regular February meeting. Dues in arrears beyond March meeting shall be due cause to drop delinquent members from membership roster.
3. Annual dues for Junior members shall be \$2.00.
4. Dues for persons joining after the regular July meeting shall be one-half (1/2) the annual rate, and shall cover membership to the end of the year. Dues for persons joining at or after the November meeting shall be for a full year but shall include full membership for the-remainder of the current year plus the entire ensuing year.
5. All dues become due and payable upon joining the Society.

ARTICLE 7. QUORUM

A quorum for a business meeting of the Society shall consist of twenty-five percent (25%) of it's active membership, except that honorary members shall not be included in the count unless they are present.

ARTICLE 8 FISCAL PERIOD

All business of the Society shall be conducted on an annual basis. The fiscal year for Society operation is defined as being concurrent with the calendar year.

ARTICLE 8 ELECTIONS

A President, Vice President, Recording Secretary, Corresponding Secretary, Bulletin Editor, Education Officer, Treasurer, and one (1) three year Director shall be elected at the regular November meeting, or at the first regular meeting thereafter, and shall assume office at the first regular meeting after December 31.

ARTICLE 9 MEETINGS

1. The regular meetings of the Society shall be held on the first Wednesday of each month, at such time and place as shall be announced at the preceding meeting, or as shall be set forth in a notice of such meeting.
2. Special meetings of the Society may be called by the President at any time. Special meetings may be called by the Vice President upon receipt of a request signed by five (5) members of the Board of Directors. The Vice President may be one of the signing members. Active Membership shall be given notification of Date, Time, Place and Purpose for special meetings of the Society.
3. The Board of Directors shall meet as often as deemed necessary at the call of the President. Special meetings may be called by the Vice President under the same provisions as stated under (2) above. All Officers and Directors shall be given advance notice of Date, Time, Place and Purpose for special meetings of the Board of Directors.

ARTICLE 10 AMENDMENTS

Amendments to the Constitution or By-Laws of this Society, after being approved by the Board of Directors, must be in writing and copies sent to all members at least five (5) days in advance of the meeting of the Society, at which time they will be voted on. Such amendments shall become effective immediately if carried by a majority vote of the members, provided there is a quorum present.

ARTICLE 11 TERMINATION

In the event of dissolution of the Society, all its assets, property and funds shall be transferred to one or more non-profit organizations created for like or similar purposes for the continuation of such projects as the Society may have commenced. The beneficiary(ies) of such transfer(s) shall be selected by ballot at the final regular meeting or special meeting of the Society. A majority of the members present shall determine election(s) of beneficiary(ies).

By-Laws

ARTICLE 1 PARLIAMENTARY AUTHORITY

The rules contained in Roberts Rules of Order shall govern the Society in all cases to which they are applicable and in which they are not inconsistent with the Constitution and By-Laws of the Society.

ARTICLE 2 DUTIES OF OFFICERS

1. The President shall preside over all meetings of the society and of the Board of Directors. He shall be an Ex-officio member of all committees, excepting the Nominating Committee.
2. A quorum for a meeting of the Board of Directors shall be five (5) Directors.

ARTICLE 3 COMMITTEES

1. Committee chairmen shall be nominated by the President and their names submitted to the Board of Directors for approval.
2. Program, Show, and Property Committees shall be established as a minimum, with additional committees or functional activities are required by current programs or projects.
3. Committee Chairmen and members may serve as many consecutive terms as appointed, and may serve in multiple capacity, if to the advantage of the Society. Committee members shall be appointed by the respective chairmen from volunteers or by selection and consent.
4. An annual monetary budget shall be prepared by the Board of Directors and the incoming officers after the November election. Projects proposed by committee chairmen shall be submitted for consideration possible inclusion in the budget. The proposed budget shall be published in the Society bulletin and submitted to the Active membership for approval at the January meeting.
5. Committee chairmen shall render verbal activity reports at each regular meeting of the Society and such Board of Director meetings as required by the President.

ARTICLE 4 EXPENDITURES

1. Disbursement of Society funds, other than petty cash expenditures less than twenty (20) dollars shall be:
 - (A) In accordance with the Budgeted Line Items previously approved by the active membership as described in Article 8 above or,
 - (B) With the specific approval of the membership by a majority vote.
2. The method of payment of Society funds shall be exclusively by check for amounts over \$20.00, and may be paid by checks for amounts under \$20.00, if desired.
3. Society checks shall be signed by any two (2) of the following officers: President, Vice President, Treasurer.
4. Petty cash expenditures under \$20.00 may be made from the treasurers cash fund, a fund minimum of \$50.00 being authorized.
5. Initial obligation of Society funds shall be made in accordance with the approved budget. Subsequent obligations within their budgets, may be made by Committee Chairmen or other members to whom allotments have been made for special activities or for approved recurrent payments—such as Post Office Box Rent and Federation Dues.
6. Committee expenditures against Budget accounts, if within the dollar balance remaining in the approved accounts, may be paid by the Treasurer as advance cash sums to Committee Chairmen, or a repayment for personal expenditures for Society projects within their Budgets, upon receipt of signed statements of amounts due and projects to be charged. Expenditures made by Committee Chairmen, from cash advances, shall be reported to the Treasurer with itemized receipts for the record.

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: Roy Deere, 7041 Rodes Place, West Melbourne, FL 32904, (321)725-9179

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

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 Unity of Melbourne Center, Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

CANAVERAL MINERAL & GEM SOCIETY
NEWSLETTER: MOONSTONE