

# Canaveral Moonstone



## Presidents Corner

We are only two months from 2022?! November is a busy month for all of us here at Canaveral Mineral and Gem Society, with many of the members completing and turning in competition pieces. (I love this part)

There are three major items that will be on the agenda at our November meeting;

- (1) final preparations for our **48th** Annual Parade of Gems Show,
- (2) election of our CMGS leadership for 2022! (The slate of Officers and Board of directors have been published in the October Moonstone) , please plan to attend to cast your vote.
- (3) discussion of our annual holiday party and Yankee trader event.

There is much to be heard at our November meeting, so I hope to see a large turnout on November 3rd at Front Street Civic center.



Melissa Horan

CMGS President 2021



**Exchange Bulletins are Welcome**

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

**The Dead Line for the December Moonstone is November 20, 2021.**

**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 at the Melbourne Front Street Civic Center. Meetings start at 7:00 p.m. Visitors are always welcome! Dues are \$30.00 per year. Junior Member dues are \$2.00 per year. Club shop is now located at 255 East Drive, Suite K, Melbourne, FL.



# November 2021

<i>Open Shop</i> 8:30—12:30pm	Mon	Tue	Wed	Thu	Fri	Sat
	1 <i>Open Shop</i> 5:30—9:30pm	2	3 <i>Open Shop</i> 11am-3pm <b>Meeting at Front Street</b>	4 <i>Open Shop</i> 5:30—9:30pm	5	6 <i>Open Shop</i> 8:30—12:30pm
7	8 <i>Open Shop</i> 5:30—9:30pm	9	10 <i>Open Shop</i> 11am-3pm	11 <i>Open Shop</i> 5:30—9:30pm	12 <b>Parade of Gems</b> Setup for vendors	13 <b>Parade of Gems</b> Closed Shop
14 <b>Parade of Gems</b>	15 <i>Open Shop</i> 5:30—9:30pm	16	17 <i>Open Shop</i> 11am-3pm	18 <i>Open Shop</i> 5:30—9:30pm	19	20 <i>Open Shop</i> 8:30—12:30pm
21	22 <i>Open Shop</i> 5:30—9:30pm	23	24 <i>Open Shop</i> 11am-3pm	25 <b>Happy Thanksgiving Day</b>	26	27 Closed Shop
28	29 <i>Open Shop</i> 5:30—9:30pm	30				

**Meeting are being held at the Front Street Civic Center**

## **Presentation at our November meeting**

We will focus on the needs for the “Parade of Gems”

DONATIONS....

The club is currently taking donations for our raffle for scholarships to go to William Holland or Wilda-  
cres, These donations should be directed to Jim or Jannine Ragan.

We are also collecting items for the silent auction at the Parade of Gems. Items for the silent auction  
should be brought to the meeting on November 3. Mike McKeon will be the contact for the silent auc-  
tion.

**Canaveral Mineral and Gem Society  
October 6, 2021 Meeting Minutes**

Vice - President Nancy Stark opened the meeting Wednesday, October 6<sup>th</sup> at 7:05 pm at the Front Street Civic Center, 2205 Front Street, Melbourne, FL 32901.

Nancy welcomed 3 new members.

Parade of Gems Chairman, Dave Wayment, brought the sign up sheets for the Parade Of Gems (POG). He asked for volunteers in all areas and said he could also use help with set up and take down. You can help in many different areas. It's a fun way to meet other members and learn about the club.

Members can also win money by competing in the Single Piece Competition. The areas for competing are Metalsmith, Cabochons, Beading and Faceting. There is more information in last month's "Moonstone". Part of the competition includes getting a full information sheet on how your piece can be improved and what are the strong points about your piece. It's a great way to learn how to improve your jewelry skills. If you would like to enter the competition, please turn your pieces into Sharon Jones by October 23<sup>rd</sup> with the forms in the moonstone. Please do not put your name on the jewelry piece.

Dave also announced we will have new classes starting after POG.

Library - Sarah announced that Sue has been working hard on the library.

Mary Kinberg announced that while at Wild Acres, her and her husband met and became friends with Fran Fantuzzo, a long term rock and gem collector who lives in Ft. Meyers. Fran heard us talking about our club's scholarship fund that is run on raffle donations. Fran donated 6 small boxes of a variety of gemstones and donated them to our club in the hope of raising donations through raffles for the scholarship funds. Thanks Fran for your generosity!

Secretary, Mary Kinberg – Nancy asked if there were any motions to approve the September minutes as published in the Moonstone. There were motions and the September minutes were approved.

Treasurer, Liz Ritter – We had bills to pay, FPL, Scholarship money for Wild Acres, rent and final payment on POG. The bills were paid and we are getting ready for POG.

Membership, Kathie Burnette - said we are up to 125 members.

Dave Jacobson spoke on the mineral of the month, amber, which is fossilized tree sap. It doesn't have the crystalline structure to be classified as a mineral. It can range in colors and the hardness is 2 or 2.5.

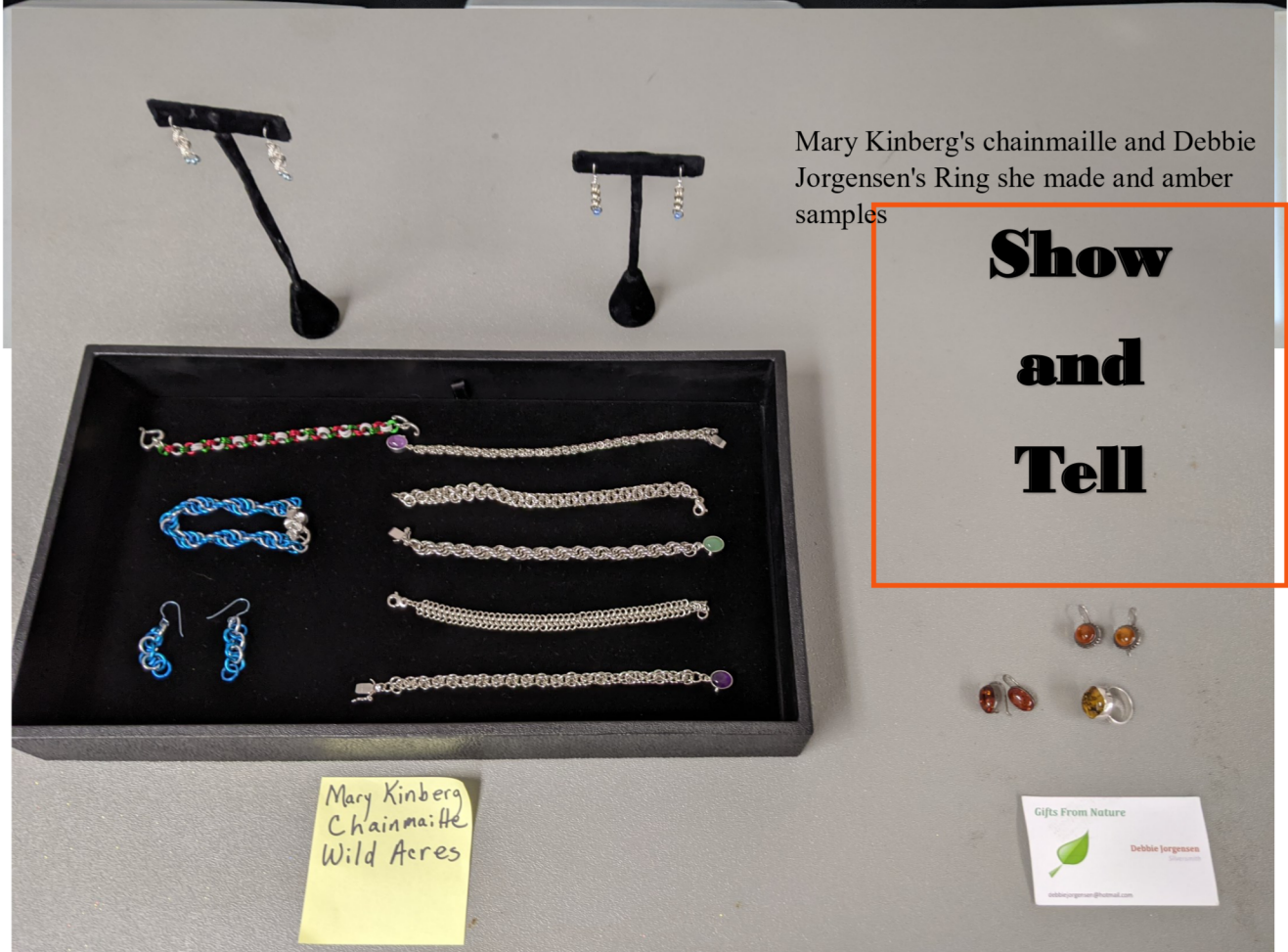
Show and Tell: Loved the interesting and beautiful pieces that everyone had to share!!

Bill Haar brought samples of fossilized shells/opals that he got in Australia and an intricate casted cat and cicada that he made. Art DeLaurentis shared some of his gorgeous pieces: a hinged pendant stone on stone among other items. Anthony Boone shared his appealing carved cabochon pendants. Michael McKeon shared a beautiful round gem that he faceted in Mark Heathman's faceting class. He also shared a classy silver ring he made in Sharon Jones silversmithing class. Gail brought in an interesting rock with crystals that she found on the beach. Mary Kinberg took the chainmaille class at Wild Acres and shared the elegant chainmaille pieces she made. Lots of fun to learn from others work and show and tell. Thanks!

Secretary, Mary Kinberg



Fran donated 6 small boxes of a variety of gemstones and donated them to our club in the hope of raising donations through raffles for the scholarship funds



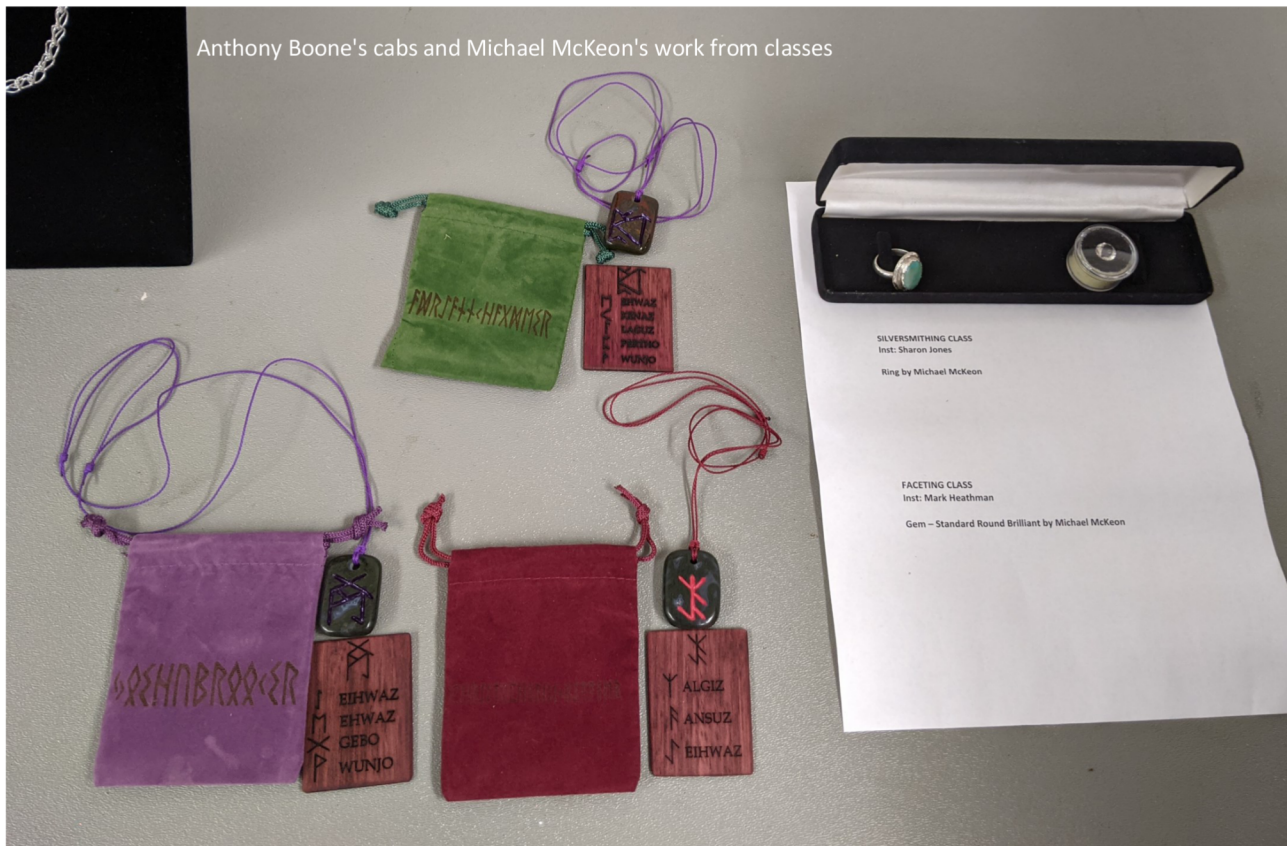
Mary Kinberg's chainmaille and Debbie Jorgensen's Ring she made and amber samples

# **Show and Tell**





**Show  
and  
Tell**



### Tampa Bay Mineral & Science Club Show - 11/06/2021

Start Date: 11/06/2021

End Date: 11/07/2021

Hours: 10:00 - 5:00

Address: 302 S Maryland Ave

Plant City, FL 33563

Website: <https://tampabayrockclub.org/>

Types: Rock & Mineral Shows

### **Parade of Gems**

### Jewelry & Gem Christmas Gift Show - 11/13/2021

Start Date: 11/13/2021

End Date: 11/14/2021

Hours: 10:00 - 5:00

Venue: Melbourne Auditorium

Address: 625 E Hibiscus Blvd

Melbourne, FL – Website: <http://www.canaveral-mgs.com/>

### Gem & Mineral Show - 11/20/2021

Start Date: 11/20/2021

End Date: 11/21/2021

Hours: 9:00 - 5:00

Venue: South Florida Fairgrounds

Address: 9067 Southern Blvd

South Florida Fairgrounds

West Palm Beach, FL 33411

Website: <https://www.gmspb.org/>

## Upcoming Mineral and Gem Shows 2021

## Shop Use

David Wayment  
Education Chair

If you read the Constitution for the Canaveral Mineral & Gem Society, Article 2 states we are specifically “For the preservation, support and promotion of the hobby of Mineralogy and its various forms of allied activities and Earth Sciences.” This is further defined for “...exchange of knowledge, experience and other helpful information...” and “...education of members...”. We have never been associated with use for profit or commercialism.

The primary purpose of our shop is to have volunteers teach other members aspects of the hobby. Shop open hours are based around that and are for members to practice what they have learned. It is not for the use by members for their own personal gain.

The shop is NOT for use by members as a professional workshop. Our usage fees are based upon the shop being used by hobbyists and not production work. We have purposefully kept the fees for shop time, classes, and materials available at the shop as low as possible but to still be high enough to maintain the wear and tear on the machines. They are not high enough to pay for the wear and tear of production use.

## Your Club Needs You

It is time for the Parade of Gems again. This is the only real source of income our club has. What we realize from the show must supply all the money to keep us going for another year. Do you have a few hours to give back to the club to help us make it a success? No skills needed at all. Many of the jobs are sit down so mobility is not an issue.

Street notification signs will be available at the club meeting on November 3<sup>rd</sup>. The signs should be placed out on November 10<sup>th</sup> thru 12<sup>th</sup> and picked up Sunday November 14<sup>th</sup> or as soon after that as possible. The City and County no longer issue permits for placement of Signs. None to be placed US 1 or its medians as they will be confiscated immediately. More information will be discussed at the meeting.

Set up will begin Friday, November 12<sup>th</sup> at noon, until 6PM. The Auditorium will have the tables arranged. We will need people to help direct vendors to their assigned space. We may also need some members to help elderly vendors move merchandise into their area. This is a perfect opportunity for Junior members to help and meet the vendors.

The show will be open on Saturday and Sunday November 13<sup>th</sup> and 14<sup>th</sup> from 10 until 5. We will need members to help at the Front Door, Kids Corner, Silent Auction, Demonstration Area and the Grand Prize / Membership Table. You may sign up at the club website <https://www.canaveral-mgs.com/> in the member only area or at the meeting. Please sign up for as many shifts in as many areas as you would like. The spaces to sign up are in 1-hour increments and you may sign up for as many as you would like. In the event that too many people sign up for the same time slot we reserve the right to ask you to change your time or location if you are needed in another area.

On Sunday evening we will again need members to stay for closing from 5-8PM while vendors are taking down their areas and packing out their merchandise. The club area will need to be broken down and machinery returned to the shop. We may again need members to help elderly vendors move merchandise to their vehicles.



## 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)



#### NO SCRATCH VISE JAWS

If your bench vise has replaceable jaws, there is a simple modification to customize it for bending sheet metal and holding jewelry pieces without worrying about the jaws leaving scratch marks.

I make a duplicate set of jaws from high density plastic such as Nylon or Delrin. Remove the jaws and use them as a template. Cut two pieces from a 1/2 inch sheet of scrap plastic. Then clamp the steel jaw over the plastic and drill through the steel side and into the plastic.

Finally, use a larger drill to countersink the plastic for the screw heads.

Plastic can be obtained from the scrap bin at a local plastics store, can be purchased online from Ebay, or can be repurposed from an old kitchen cutting board.



Solve Your Jewelry Making Problems With

Brad's "How To" Books

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

## Mineral Of The Month – Corundum

By Dave Jacobson

This month we will take at corundum,  $\text{Al}_2\text{O}_3$ , aluminum oxide. Two of the more famous gemstones are varieties corundum. Ruby is the red variety. All other colored gem grade material is sapphire. It is not until about 1800 that ruby and sapphire were recognized as corundum. Prior to that red spinel and garnet were also considered ruby. Some non-gem grade material is called emery is used as an abrasive. Some associated minerals are calcite, zoisite, feldspars, micas and garnet. Corundum is found in many locations in the world such as Burma; Sri Lanka, Tanzania and other African localities; India; the Middle East and Southeast Asia.

Corundum is found in a variety of deposits such as metamorphic rock, pegmatites and nepheline syenites. The rock is typically lacking or poor in silicon oxide, which if present would combine to form another mineral. Corundum is also found in alluvial deposits. Many of the facet grade ruby's and sapphires are mined in alluvial deposits.

Corundum is the second hardest mineral on the Mohs scale, although diamond the hardest mineral is four times harder than corundum. This due to the strong and short oxygen-aluminum bonds which pull the oxygen and aluminum atoms close together. This makes a tightly bonded structure that results in a hard, dense mineral.

Corundum is in the trigonal crystal system. The crystals are typically tapered hexagonal prisms. They are often tabular. The crystal ends are frequently marked with triangular striations. Colors are as follows: Ruby is intense red due to chromium. Blue sapphire is due to iron and titanium trace elements. Colors other than blue are called fancy sapphires. Padparadscha is orange due to chromium plus ferric iron. Alexandrite-like is due to vanadium. Yellow due to ferric iron (or defects). Green due to ferrous plus ferric iron (and defects). Colorless is pure, no trace elements. Hardness is 9. Specific gravity is 3.9 to 4.1. Streak is white.

Corundum takes its name from the Tamil word *kuruntam* which is derived from the Sanskrit *kuruvinda* meaning "ruby".

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

*Amethyst Galleries Mineral Gallery* on the internet

at <http://mineral.galleries.com>.





The publication for the new slate of Officers and Directors for the Canaveral Mineral and Gem Society for the 2022 election are as follows:

**President – Melissa Horan**

**Vice President – Lynn McKinley**

**Secretary – Mary Kinberg**

**Treasurer – Liz Ritter**

**Bulletin Editor – Shannon Byrd**

**Membership Chairman – Kathie Burnette**

**Education Chairman – Dave Wayment**

**Corresponding Secretary – Open**

**Board of Directors 3 yr. - Jim Ragan**

**Board of Directors 2 yr. – Keith Stokes**

**Board of Directors 1 yr – Dave Jacobson**

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## **Pet of the Month**

Susan Cash's orange tabby girl, Bailey. Rescued after being abandoned in Indian Harbour in January 2021



Send me your pets photo and show off your fur baby.....

### Message from our Webbie

Members you can win one of 4 prizes worth \$50 by helping promote our show Event on Facebook.

Open Facebook & go to Canaveral Mineral & Gem Society. Click on the "Event" Gem & Jewelry Christmas Show.

To be entered in this contest, you MUST do each of the following things:

1. SHARE the event on your page
2. INVITE 3 friends outside the club to the show
3. Add a 2-sentence comment in the DISCUSSION section of the event.

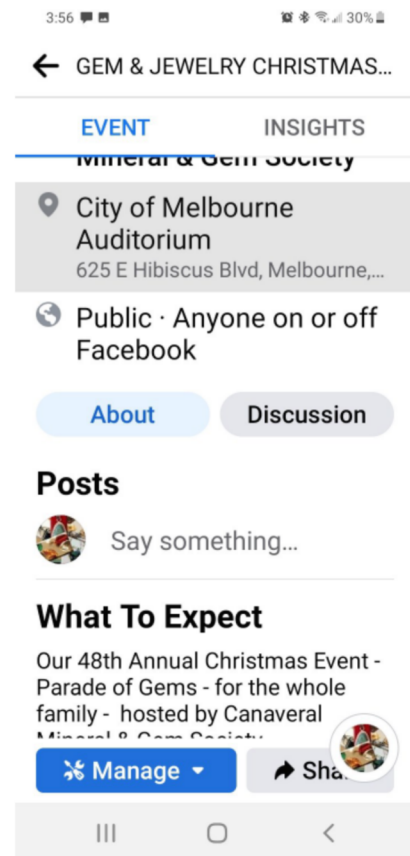
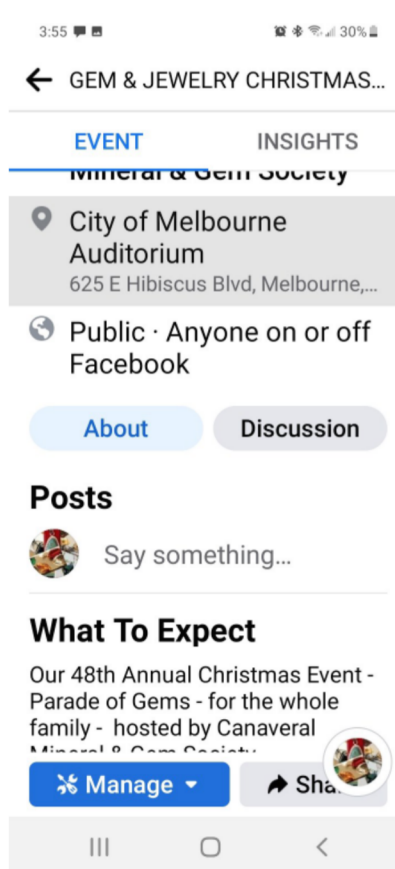
Prices:

3 prizes are hand made sterling silver jewelry w hand cut stones (donated by members)

1 prize is all slabs

Sharon Jones will tally the names & a drawing will be done at the November meeting to award the prizes .





## Club contacts

**President:** Melissa Horan 1178 Firthview Dr, Melbourne, FL 32935, (321)960-4134

**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:** Lynn McKinney, 3537 Sparrow Ln, Melbourne, FL 32935, (321)427-24460

**Board of Directors 3yr:** Keith Stokes, 601 Georgia Ave., Melbourne, FL 32901, (321)266-8707

**Board of Directors 2yr:** Dave Jacobson, 672 Manor Place, West Melbourne, FL 32904, (321)676-4306

**Board of Directors 1yr:** Mark Heathman, 4166 Mockingbird Dr., Melbourne, FL 32934, (321)253-2856

**Board of Directors (Past President) 1yr:** Don Mc Lamb, 570 Seabreeze Dr, Indialantic, FL, 32903, (321)723-2592

**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 Front Street Civic Center, Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

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