



# The Rockhound

Official Publication of the Gem & Mineral Society of the Palm Beaches, Inc.

[www.gemandmineralsociety.org](http://www.gemandmineralsociety.org)  
December 2016 Volume 50 Issue 3

The next general membership meeting will be held  
**Tuesday, December 6 at 7:30 PM**

64800 Dreher Trail North, West Palm Beach FL 33405 (at the Science Center)

## December Program - Show & Sell

Instead of an educational program, the December meeting will feature a fun Show & Sell, where members who make jewelry have an opportunity to sell their pieces. There are often also raw materials, supplies and other gem and mineral related items for sale. It's also a great time to display items for which there are classes at the shop. If you would like a table, please send Jennifer Martin an email at [rid808@yahoo.com](mailto:rid808@yahoo.com) letting her know. The cost for a table is \$10 or a prize worth \$10 or more to enter in our raffle. Bring your wallets and holiday gift lists!!!



## Junior Rockhounds Program

Hi Junior Rockhounds. Last month we discussed how crystals are formed from an orderly arrangement of atoms. We even tried to make our own crystals using marshmallows. This month, we are going to look at crystals that we grew on our own, and discuss what makes crystals have different shapes and colors. Here's a key word: Lattice. See if you can figure out how the word 'Lattice' is tied to crystals.

## President's Message - October 2016

*Greetings, Rockhounds!*

*Welcome to this "early" edition of the Rockhound! Please remember that our meetings this month are also early: our Board Meeting will be held on Monday, December 5th, followed by the General Meeting on Tuesday, December 6th – both at the usual locations and times, only the days/dates have changed. Why so early? So we can hold officer elections at the General Meeting, and install those officers at the Banquet! This year the banquet will be held at Ellie's Diner on Saturday, December 10th. There is no meeting on the third Thursday this month, I apologize for previous misinformation; we will resume the usual schedule in January.*

*With the Banquet fast approaching, that also means the end of the year is almost upon us! I hope you enjoyed the Show, and that your Thanksgiving was filled with family, friends, and all the good things in life.*

*Finally, don't forget to renew your Club Membership! Robin Deaton, our Membership Secretary, will be available at General Meetings to renew your membership(s) on the spot, or you may mail in your renewal – renewals are due by the end of February for the 2017 calendar year.*

*Thank You for a Great 50th Year!*

*Laura Simmons, President*

# 50th Annual Show Report

We managed to get through the year and had a very successful show. As usual we won't have the final numbers until next month.

Here are some of the highlights:

- ◆ Attendance was 260 higher than last year and probably set a record for the last 10 years. Attendance was close to 2100.
- ◆ We had many happy vendors.
- ◆ The Mine area exceeded last year's record.
- ◆ The Scholarship raffle almost reached last year's record.
- ◆ The Junior Rockhound area had lots of happy faces.
- ◆ The speaker program was a success. Thanks to **Dr. Michael Wise**, our special guest speaker from the Smithsonian Institution, who also brought a special exhibit of new acquisitions. His program on Pegmatites was recorded so that it can be shown at a future club meeting; **John Speier** of the Miami club who spoke on North Carolina gem mining; **Vince Vorghese**, who spoke about Florida fossils; and **Alan Meltzer**, who spoke about Dinosaur Gem Bone and Petrified Wood.
- ◆ The display cases were great, thanks to the people who took the time to display and create the cases. We had many more cases than last year. Congratulations to **Dianna Ray** who won the \$25 prize for best display case.



None of this would have been possible without the help and dedication of the show committee members and volunteers. We would like to thank each of you for making our show a success.

Your show committee members are:

**Kelly Azor**-Demo Area and had the Special Olympics kids fill the spinning wheel prize bags

**KC Foster**-set up the Display cases, and a display from the Smithsonian Institution

**Jennifer Martin**-filled all those bags for gem mining and the fossil dig

**Lo Rain**-signs on the fences, in charge of shopping for the lunch on Friday and serving it to the vendors and workers, set up the scholarship prize drawing area, made sure the prize winners got their prizes and collected donations from the vendors

**Debbie Kachman**-supervised the fairgrounds workers for table set-up on Thursday, signs on fences, produced a video presentation of the history of the club that was shown in the speaker area

**Dianna Ray**-made sure we had enough volunteers, kept track of them and contacted everyone about the holiday dinner

**Michelle Renne**-in charge of the holiday dinner

**Jenny Wright**-in charge of the information area and filled in at the show wherever there was a hole

**Dennis Rietwyk, Barbara Ringhiser, Patrick Kleinkort, Jeff Slutzky, and Laura Simmons**, who with her husband, Grant, made sure that everything was working smoothly in the speaker area.

An additional thank you to **Mike Perkins, Walt Triche** and Lee Miller for help with the mine setup.

We can never have too much help.

- *Patrick Kleinkort* and *Barbara Ringhiser*, show co-chairmen

# Thank You

We would like to Thank the following Supporters for allowing us to display our 50th Show posters, so Please support them.

**King Super Buffet**

4270 Okeechobee Blvd.  
West Palm Beach, Fl 33409  
561/687-8886

**Royal Crown Beauty and Barber**

"A Family Salon"  
11328 Okeechobee Blvd.  
Royal Palm Beach, Fl. 33411  
561/793-9459

**Gemstone & Bead Imports**

Wholesale to the Public  
4603 Okeechobee Blvd.  
#117 WPB, Fl. 33417  
561/687-3663

**Butterfields Southern Cafe**

1145 Royal Palm Beach Blvd. RPB 33411  
561/792-8723

**Palm Beach RV**

5757 N Military Trail  
WPB, Fl. 33407  
561/689-5788

**Camelot Community Care**

6416 Melaleuca Lane  
Greenacres, 33467

\*\*\*A local agency that licenses foster homes for children\*\*\*

561/659-0877

**Morgan's Country Kitchen**

180 Business Park Way  
Royal Palm Beach, Fl 33411  
561/795-5285  
Breakfast and Lunch





## December Birthstones: Tanzanite, Zircon, and Turquoise

### TANZANITE

Tanzanite is the exquisite blue variety of the mineral zoisite that is only found in one part of the world. Named for its limited geographic origin in Tanzania, tanzanite has quickly risen to popularity since its relatively recent discovery.

Zoisite had been around more than a century and a half before this rare blue variety was found in 1967. Trace amounts of vanadium, mixed with extreme heat, cause the blue color – which ranges from pale blue to intense ultramarine with violet undertones.



Due to pleochroism, tanzanite can display different colors when viewed from different angles. Stones must be cut properly to highlight the more attractive blue and violet hues, and deemphasize the undesirable brown tones.

The majority of tanzanite on the market today is heat treated to minimize the brown colors found naturally, and to enhance the blue shades that can rival sapphire.

Tanzanite is still only found on a few square miles of land in Tanzania, near majestic Mount Kilimanjaro. Its price and availability are directly tied to mines in this region.

Tanzanite measures 6.5 to 7 on the Mohs scale of hardness – which is not nearly as hard as the sapphire it often substitutes. Given its vulnerability to scratch during daily wear and abrasion, tanzanite is better suited for earrings and pendants than rings.

### ZIRCON

Zircon is an underrated gem that's often confused with synthetic cubic zirconia due to similar names and shared use as diamond simulants.

Zircon colors include red, orange, yellow, blue and brown. It commonly occurs brownish red, which can be popular for its earth tones. However, most gem-quality stones are heat treated until colorless, gold or blue (the most popular color). Blue zircon, in particular, is the alternative birthstone for December. Color differences in zircon are caused by impurities, some of which (like uranium) can be slightly radioactive. These gems are also treated with heat



to stabilize the radioactivity.

While radiation can break down zircon's crystal structure, it plays a crucial role in radiometric dating. Zircon, the oldest mineral on earth, contains important clues about the formation of our planet.

Colorless zircon, known as Matura Diamond, displays brilliance and flashes of multicolored "fire" that can rival fine diamond. There's one key difference though: Zircon is more brittle. Though it measures 7.5 on the Mohs scale of hardness, its faceted edges can chip.

Zircon from Australia dates back 4.4 billion years. Australia still leads the world in zircon mining, producing 37 percent of the world's supply. Other sources include Thailand, Sri Lanka, Tanzania, Cambodia, Canada and the United States. Since the Middle Ages, people have believed that zircon can induce sleep, ward off evil and promote prosperity.

### TURQUOISE

Admired since ancient times, turquoise is known for its distinct color, which ranges from powdery blue to greenish robin's egg blue. It's one of few minerals to lend its name to anything that resembles its striking color.

Ancient Persia (now Iran) was the traditional source for sky blue turquoise. This color is often called "Persian blue" today, regardless of its origin. The Sinai Peninsula in Egypt was also an important historical source. The U.S. is now the world's largest turquoise supplier. Nevada, New Mexico, California and Colorado have produced turquoise, but Arizona leads in production by value, as well as quality. The stone's popularity here makes it a staple in Native American jewelry.

Turquoise is found in arid regions where rainwater dissolves copper in the soil, forming colorful nodular deposits when it combines with aluminum and phosphorus. Copper contributes blue hues, while iron and chrome add a hint of green. Some turquoise contains pieces of host rock, called matrix, which appear as dark webs or patches in the material. This can lower the stone's value, although the uniform "spiderweb" pattern of Southwestern turquoise is attractive.

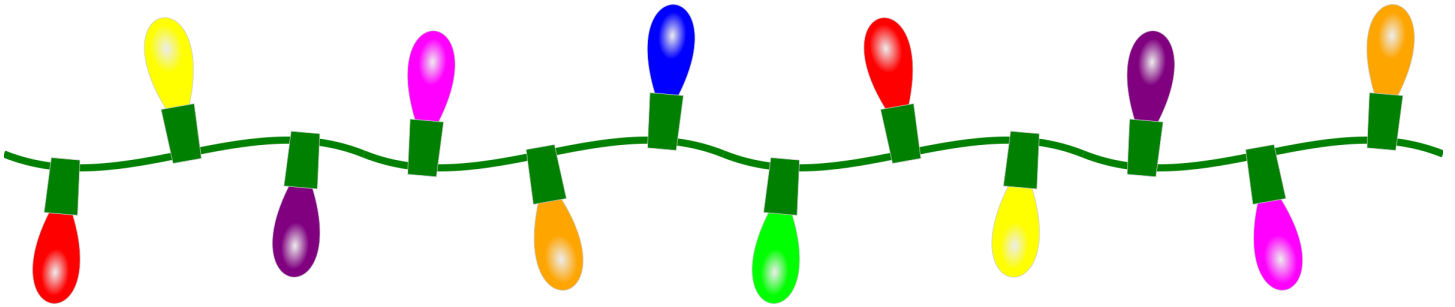


Turquoise is sensitive to direct sunlight and solvents like makeup, perfume and natural oils. The hardest turquoise only measures 6 on the Mohs scale, which made this soft stone popular in carved talismans throughout history.

From ancient Egyptians to Persians, Aztecs and Native Americans, kings and warriors alike admired turquoise for thousands of years. It adorned everything from jewelry to ceremonial masks to weapons and bridles – granting power and protection, particularly against falls.

Highly esteemed for its striking namesake color and its ancient history, turquoise remains popular through time.

*-adapted from [americangemsociety.org](http://americangemsociety.org)*



## Door & Monthly Prizes

### Prize Drawings For This Month:

- Carved jade animals
- Turquoise slices
- Crystal sections
- Quartz crystal point
- Herkimer diamonds
- And more surprises!



*Come to the meeting by 7:30 PM to get a free ticket for our great door prizes!*

### Door Prizes For This Month:

- Small slabs
- Small stones
- Other surprises!

*We always appreciate your kind donations of hobby related items to use for extra door prizes and raffle items! To donate...just drop them off at a meeting!*

*Keith Klein, Auction Coordinator*

## In Memory of Nat Epstein

The Gem and Mineral Society of the Palm Beaches extends our heartfelt condolences to Tanya Epstein on the passing of her husband, Nat.

Nat Epstein held a degree in Geology, taught Earth Sciences at the junior high school level, and was passionate about gems and minerals.

Tanya and Nat spent many years traveling across the country in a motorhome, collecting interesting specimens. Tanya is donating their specimen collection to the Club.

While we are sorry for the reason, we are grateful for the kind donation.

## MICROMOUNTERS

Our group *usually* meets the first Thursday of the month from 7:30 PM - 9:30 PM. Bring a microscope, minerals, questions, and (maybe a yummy treat?). We always have lots of giveaways. We will teach you to identify minerals and how to mount micro-minerals.

**Please RSVP KC Foster at 561/523-4600**

## Club Purpose

To associate persons of the Palm Beach area of Florida who are interested in earth sciences, to work together as an organization in the gathering, cutting, displaying, and studying of rocks, shells, artifacts, and any kind of scientific objects of interest to the individual and the organization, to promote community interest in these objects.

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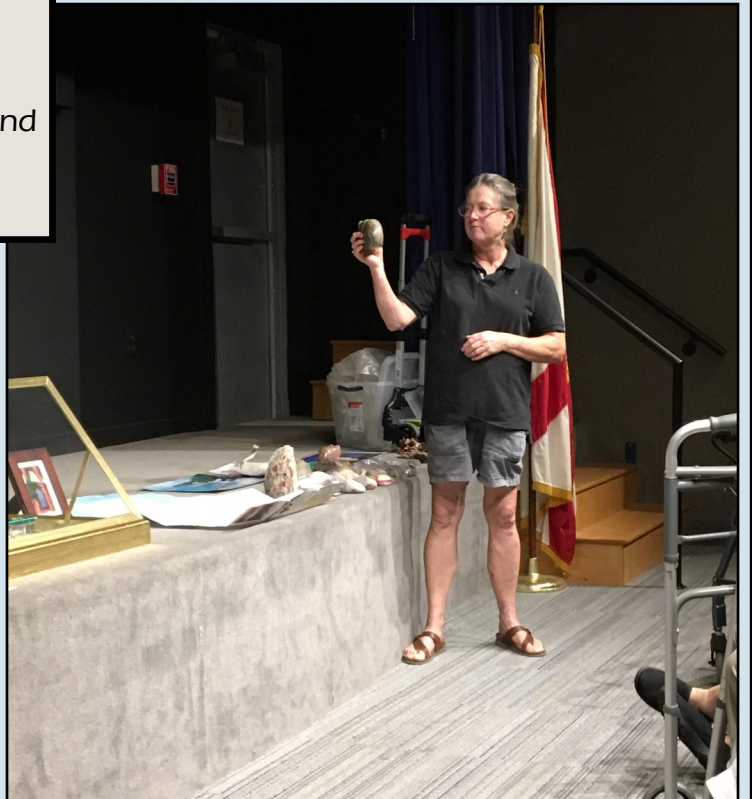
FAIR USE NOTICE. This publication may contain copyrighted material the use of which has not been specifically authorized by the copyright owner. We are making such material available in our efforts to advance the educational understanding of the amateur jewelry fabrication and rock collecting hobbies. We believe this constitutes a 'fair use' of any such copyrighted material as provided for in section 107 of the U.S. Copyright Law. If you wish to use material from this publication for commercial or purposes of your own that go beyond 'fair use', you must obtain permission from the copyright owner.

## Rockin' It with **K C Foster** at the November Membership Meeting



At the November meeting, we got to take a gem and mineral trip around the state of Michigan with our very own KC Foster. KC lived in Michigan for 11 years before she moved to Florida, and she returns to Michigan as often as she can in hopes of bringing back all the best specimens!

KC is quite an accomplished rockhound and a very interesting person! Check out the article in this issue's Member Highlight.





## Member Highlight: **KC Foster**

This month's spotlight is on KC Foster, who is one of our most knowledgeable club members. KC grew up in southern Michigan and became intrigued with rocks and minerals when she was a youngster. She attended Bennett College in New York, where she earned an Associates degree in Physical Science. Afterwards she headed to Florida to attend the University of Miami, where she earned a Bachelor of Science degree in Geology with five minors!

Eager to continue learning about rocks and minerals, KC went on to become a GIA Graduate Gemologist, and has been an AGS Certified Gemologist for almost 40 years. She learned to cut stones when she joined local mineral clubs such as ours, the Miami Mineral and Lapidary Guild, and the Florida Gold Coast Gem and Mineral Society in Fort Lauderdale.

KC is also active in both of our parent organizations, the Southeast Federation of Mineralogical Societies, and the Eastern Federation of Mineralogical and Lapidary Societies. She urges all of our members to become active in one or both organizations, and to take advantage of the education opportunities offered by Wildacres Retreat and the William Holland School of Lapidary Arts. Check out their websites, listed below.

### Parent Organizations

[American Federation of Mineralogical Societies](#)

[Eastern Federation of Mineralogical and Lapidary Societies](#)

[Southeast Federation of Mineralogical Societies](#)

### Education Centers

[Wildacres Retreat](#)

[William Holland School of Lapidary Arts](#)

## December Birthdays



Christina Campbell 🎂 Nancy Critics 🎂 Larry Deaton  
Tanya Epstein 🎂 Gale Langford 🎂 Marsha Levey-Blandy  
Mateo Medina 🎂 Evelyn Murray 🎂 Paul Perryman  
Laura Phillips 🎂 Chrissy Piazza 🎂 Eileen Reingold  
Andrew Sissom 🎂 Jackie Tufford 🎂 Jen Ursillo  
Eloise Wilhelms 🎂 Milton Yamada

*Birthdays are nature's way of telling us to eat more cake.*

# Holiday Banquet!!!

**Saturday, December 10, 2016 at 6 p.m.**

*Ellie's Diner*

**2410 N. Federal Hwy., Delray Beach, FL 33483 \* 561/276-1570**

**FREE MEAL** if you volunteered for 4 or more hours the show weekend  
(Thursday, Friday, Saturday and Sunday)

**\$15 for non-volunteers and guests**

The banquet is already filled to overflowing—we exceeded the 80-person maximum!



**CASH BAR**

**GIFT EXCHANGE**

\$10 value \* lapidary related  
mark *man, woman or either*



## MENU

Garden salad, rolls and butter

\*\*\*\*\*

Carving station with grilled sirloin

Champagne chicken

Broiled mahi mahi

Pasta primavera

Twice baked potatoes

Fresh garden medley

\*\*\*\*\*

Sheet cake and mini assorted pastries

Coffee and tea



**QUESTIONS?**

call or text Michelle Renne'  
**561/644-2323**



## SHOP TALK

### Open Shop Schedule

Open shop fees: \$5 for 3 hours, or \$7 for over 3 hours.  
No charge to visit the shop to use the library.



#### Cabbing Open Shops

Monday afternoons 10:30am-5pm, Samantha Lazzaro\*  
Tuesday nights 6-9 PM - Shop Steward, Laura Simmons\*  
Thursday afternoons 12:30-3:30 PM - Shop Steward, Dennis Rietwyk\*  
Friday nights 6-9 PM - Shop Steward, Susan Cairl\*

#### Metalworking/Enamel Open Shop

Metalworking open shop is usually scheduled for the 3rd Sunday of each month from 10 AM - 4 PM.  
Metalsmithing, Chainmail, Jumpringer & Viking Wire Weave open shops  
contact Laura Simmons at 407/234-0444.

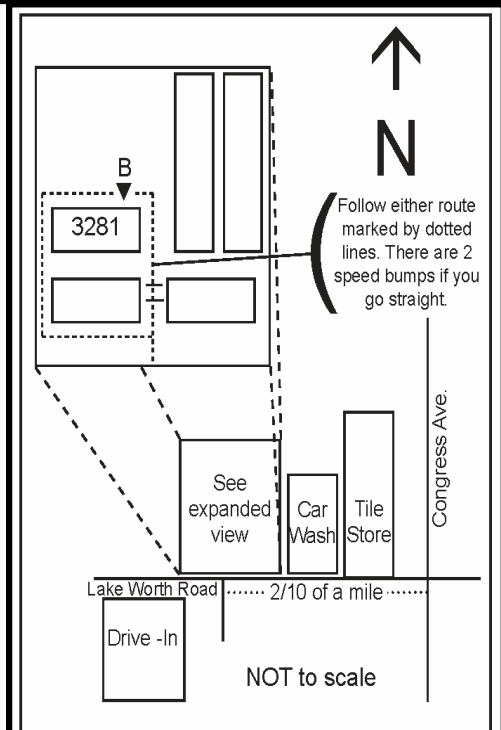
**\*Always call the shop steward before going to the shop to let them know you are coming! If the assigned shop steward cannot be reached, call Susan Cairl, Head Shop Steward, to arrange for open shop time.**

## SHOP REPORT

**Special bulletin: We have an Intarsia machine and Flat Lap available for use at the shop! To use these machines, members must be certified to use the cabbing equipment in the shop. Just ask the shop steward on duty to get the machine out for you. Some additional instruction will be given by the shop steward.**

- ◆ Please remember to sign a new liability waiver on your first visit to the shop and get a copy of the new shop rules.
- ◆ When visiting the shop for any reason, always sign in and out of the log book and fill in all information completely including date, times, reason for visit and any fees paid.
- ◆ Drinks and food are allowed in the shop, but please clean up after yourself and do not leave food or wrappers in the shop.
- ◆ Feel free to bring a project to work on, socialize, use the library, or watch a tutorial on the TV....just have fun!

The street address of the shop is:  
3281 Lake Worth Road, Suite B, Lake Worth, FL 33461



# December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>1</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>2</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>3</b>
<b>4</b>	<b>5</b> Open Shop** 10:30AM - 5 PM <b>Board Meeting 7:30 pm @Shop</b>	<b>6</b> <b>Membership Meeting 7:30 pm @Science Center</b>	<b>7</b>	<b>8</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>9</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>10</b> <b>HOLIDAY BANQUET</b> Ellie's Diner 6pm
<b>11</b>	<b>12</b> Open Shop** 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>13</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>14</b>	<b>15</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>16</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>17</b>
<b>18</b>	<b>19</b> Open Shop** 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>20</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>21</b>	<b>22</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>23</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>24</b>
<b>25</b> 	<b>26</b> Open Shop** 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>27</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>28</b>	<b>29</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>30</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>31</b>

## \*\*CALL BEFORE GOING TO OPEN SHOP!!

Always call the shop steward before going to the shop.  
 Open shop sessions may be cancelled or changed due to scheduling conflicts.  
 If the assigned shop steward cannot be reached, call Susan Cairl, Head Shop Steward, to arrange for open shop.

# JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>1</b> 	<b>2</b> Open Shop** 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>3</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>4</b> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>BOARD MEETING</b>                          7:30 pm @Shop                     </div>	<b>5</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>6</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>7</b>
<b>8</b>	<b>9</b> Open Shop** 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>10</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>11</b>	<b>12</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>13</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>14</b>
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## AVAILABLE CLASSES

CLASS	INSTRUCTOR	COST	DATE/TIME/NOTES
◇ Introduction to Chainmail ◇ How to Use the Jumpringer ◇ Introduction to Metalsmithing  ◇ Viking Wire Weave	Laura Simmons 407/234-0444	\$30 + \$10 materials fee \$10 + \$5 materials fee \$50 + \$30 materials (copper) or \$60 materials (silver) \$30 + \$15 fee	Contact instructor to arrange.
Art Clay Silver	Michelle Renné 561/644-2323	\$50 + est. \$85 materials fee (depending on cost of silver)	Contact instructor to arrange.
Cabochon sessions Six 3-hr sessions	Susan Cairl 561/293-1298	\$75 + \$20 materials fee	Contact instructor to arrange.
Cold Connections Class Series: ◇ Explosion Pendant ◇ Fold Forming Bracelet w/Beveled Stone Setting ◇ Scrapbook Bracelet (rivets) ◇ Metal Etching & Air Chasing Bracelet ◇ 3D Pendant w/Druzy Stone Slice NEW!	Arlene Lazzaro 516/810-3495	\$40 + \$35 materials fee \$40 + \$35 materials fee \$40 + \$35 materials fee \$40 + \$40 materials fee \$40 + \$40 materials fee	Contact instructor to arrange.
Embellished Multi-Metal Jewelry	Michelle Renné 561/644-2323	\$40 + \$20 materials fee	Contact instructor to arrange.
Enameling	Samantha Lazzaro 561/372-2359	\$40 + \$50 materials fee	Contact instructor to arrange.
Flat Lap	Susan Cairl 561/293-1298	\$40 + \$10 supplies fee	Contact instructor to arrange.
Fused Glass (Beginner)	Harriet Flashenburg 561/733-1466	\$50 + \$50 materials fee	Four afternoon sessions Class taught in season only. Contact instructor to arrange.
Gem Tree	Dianna Ray 561/707-6753	TBD	Contact instructor to arrange.
Metalsmithing: ◇ Alien Prong Ring	Arlene Lazzaro 516/810-3495	\$40 + \$15 materials fee	Contact instructor to arrange.
Non-solder Wire Work	Michelle Renné 561/644-2323	\$40 + \$15 materials fee	Contact instructor to arrange.
Wire Fan Bracelet Class	Debi Kachman 561/568-8736	\$30 + \$20-50 materials fee (depending on metal) OR supply list can be provided	Contact instructor to arrange.
Wire Sculpture Class	Debi Kachman 561/568-8736	\$30 + \$20-50 materials fee (depending on metal) OR supply list can be provided	Contact instructor to arrange.

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### MEMBERSHIP DUES

Junior Membership—\$10.00  
(Under age 18)

Single Membership—\$20.00  
(Over age 18)

Family Membership—\$30.00  
(Includes 2 adults and children under age  
18 in a single household)

*Membership expires on December 31st  
each year and is due by the end of  
February of the new year.*

To renew your membership, make your  
check or money order to:

Gem & Mineral Society of the Palm  
Beaches, Inc. and mail to:

Membership Coordinator  
Gem & Mineral Society  
P.O. Box 18095  
West Palm Beach, FL 33416-8095

### NAME TAGS

Available from:  
Ace Marking Devices (\$12.00)  
3308 S. Dixie Hwy.  
West Palm Beach, FL 33405  
561/833-4073

### SHOP FEES

Up to 3 hours shop time - \$5  
Over 3 hours shop time - \$7

SEE CALENDAR FOR OPEN SHOPS

### SHOP STEWARDS

Head Shop Steward:  
Susan Cairl 561/293-1298

Laura Simmons 407/234-0444  
Dennis Rietwyk 561/255-0292  
Samantha Lazzaro 561/372-2359

Shop Phone:  
561/585-2080

### 2016 OFFICERS

President*	Laura Simmons	407/234-0444
1st Vice President*	Gale Langford	561/630-2989
2nd Vice President*	Jennifer Martin	561/281-5466
Secretary*	Dianna Ray	561/707-6753
Treasurer*	Jenny Wright	561/634-1427

### 2016 DIRECTORS

Head Shop Steward*	Susan Cairl	561/293-1298
Membership*	Robin Deaton	561/319-1126
Newsletter Editor*	Laura Phillips	561/740-0360
Past President*	Michelle Renné	561/644-2323
Show Chairman*	Barbara Ringhiser	561/379-4307
Webmaster*	Ingrid Webster	561/200-7383

### COMMITTEE CHAIRPEOPLE

Hostess	Samantha Lazzaro	561/372-2359
Jr. Rockhound Program	Larry Deaton	561/358-1747
Librarian	Shop Steward on Duty	
Programs	Jennifer Martin	561/281-5466
Raffle Coordinator	Keith Klein	561/541-1243
Refreshments	Arlene Lazzaro	516/810-3495
Sunshine Committee	Lo Rain	561/827-5793
Social Events	Debi Kachman	561/793-6777

\*Denotes a Voting Member of the Executive Committee.

### WEBSITE

[www.gemandmineralsociety.org](http://www.gemandmineralsociety.org)

#### Club Email Addresses

president@gemandmineral.org  
show@gemandmineral.org  
newsletter@gemandmineral.org  
membership@gemandmineral.org  
webmaster@gemandmineral.org

Link to our [smile.amazon.com](https://smile.amazon.com) account:  
<https://smile.amazon.com/ch/59-6196330>

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