

Est. 1979

Harrison County Gem & Mineral Society, Inc.



# Gulfport Gems

Volume 41

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Number 12



Member of the Southeast Federation of Mineralogical Society

P.O. Box 10136  
Gulfport, Ms. 39505



[www.facebook.com/gulfportgems](http://www.facebook.com/gulfportgems)  
Website: [www.gulfportgems.org](http://www.gulfportgems.org)

## A message from the President...

Dear Members,

Twenty twenty is almost over! I think we are all looking forward to a bright and new twenty twenty-one. May it be better than what we have experienced this past year.

I do hope this finds each of you well and coping with the quarantine. All I can say is find something to do and stay busy. It really helps. I think we are actually getting toward the end. If we can just hang in there a little longer, we should be able to have meetings by the summer if not before.

Merry Christmas to each and everyone. A special thank you to Lisa and Leslie for continuing to keep us informed.

Sincerely,

*President Sue*



## Notes from the editor . . .

### Meeting:

No physical meeting this month. Watch your email as you will be notified how we will conduct our monthly meetings.

### Herbert Wilson Rec Center:

There maybe hope in January 2021 if the pandemic isn't on the rise. Right now they are asking people not to meet in large groups.

### Gems of the Month:

Turquoise, Tanzanite, and Zircon

### Project of the Month:

- 1) Double Sided Beadwoven Star Necklace,
- 2) Bracciale Necklace
- 3) Russian Spiral

Webmaster Leslie Jancovich provided these projects this month.

Please volunteer to submit a project.

### Regular Meeting

Via Skype at 1:00 pm

December 19, 2020

Contact: Leslie Jancovich  
[ljancovich@gmail.com](mailto:ljancovich@gmail.com)

Please continue to check our website and Facebook pages for updates.

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

[www.facebook.com/gulfportgems](http://www.facebook.com/gulfportgems)



## Harrison County Gem & Mineral Society November 18, 2020 Board Meeting

### Called to Order:

The General Meeting, by way of Skype, was called to order by President Sue West at 1:07pm.

### In attendance:

Sue West  
Lynn Tate  
Nicole Green  
Leslie Jancovich  
Lisa Fitch (in communication by text)  
Laura Tate

### New Business

Lisa Fitch reported that the community center is opened and suggested we could start meeting again. After discussion, it was decided that November would be too soon.

Sue West said that she would send an email to the general membership for feedback on a Christmas party and installation of officers.

Lynn Tate gave us some information on Zoom as opposed to Skype.  
There will be no Skype meeting this Saturday.  
Leslie stated that she would make notice on the website.

**Adjournment:** Lynn Tate made a motion to adjourn. Nicole Green seconded the motion. No one opposed. Motion passed. The meeting was adjourned at 1:40pm.



## HCGMS 2021 Elected Officers

The Board will be sworn in at our January meeting on January 16th, 2021 *if we are able to meet..*

Please welcome our new Board members.

President: Sue West

Vice President: Cindy Braden

Secretary: Rosalind Norvel - Daniels

Treasurer: Nicole Green

Director: Lynn Tate (1st year)

Director: Monica White (2nd year)

Director: Laura Tate (3rd year)



Thank You  
for being a  
volunteer





*Happy Birthday*

*Dan Boudreaux*



*Happy Anniversary*

*Abenna & Herman Jones*

*Ed & Aurora King*

*Clemencia Howe*



*Thought of the Day . . .*



*Always pray to have eyes that see  
the best in people.  
A heart that forgives the worst,  
A mind that forgets the bad, and  
A soul that never loses faith in  
GOD.*

*Off the menu . . .*

## Pecan Drops

*Bell's Best Cookbook / Nicole Green*

- 1 Egg
- 1 Cup of Brown Sugar
- 1 Tablespoon of Flour
- 1 teaspoon Vanilla
- 2 cups of Pecans
- Butter
- Wax paper
- Cookie Sheet

Whip 1 egg white until stiff. Add 1 cup of brown sugar and 1 tablespoon of flour combined to egg white. Mix in 1 teaspoon of vanilla and 2 cups of pecans.

Line cookie sheet with wax paper. Butter the wax paper or they will stick. Bake at 300 degrees for 15 minutes. Let cool before removing from cookie sheet.



## Corn Souffle

*Roberta Meyer's Recipe provided by Sue West*

- Jiffy Corn Casserole
- 1 can cream style corn
- 1 can whole style corn, drain 1/2 c. Liquid off
- 2 eggs, beaten
- 3/4 stick melted butter
- 1 (8oz.) carton sour cream
- 1 sm. box jiffy cornbread mix
- 1 c. Grated cheddar cheese

Mix all ingredients together. Bake in slightly oiled 9 x 13 pan at 325 degrees for 30 minutes or until firm. Stir when outside of pan starts to thicken.

# Turquoise

11th wedding anniversary

## FACTS

- Mineral: Turquoise
- Chemistry:  $\text{CuAl}_6(\text{PO}_4)_4 (\text{OH})_{8.5}\text{H}_2\text{O}$
- Color: Blue to green
- Refractive Index: 1.610 to 1.650
- Birefringence: Not detectable
- Specific Gravity: 2.76 (+0.14, -0.36)
- Mohs Hardness: 5 to 6

Turquoise is only found in a few places on earth: dry and barren regions where acidic, copper-rich groundwater seeps downward and reacts with minerals that contain phosphorus and aluminum. The final results of this sedimentary process is a porous, semi-translucent to opaque compound of hydrated copper and aluminum phosphate.

Turquoise is believed to bring prosperity to the one who wears the stone symbolizing good fortune and success.

To chemists and geologists turquoise is as known as “copper aluminum phosphate.” Often found in weathered igneous rock that contains copper minerals, where it crystallizes in veins and nodules. Developing in rocks near water tables, located in semiarid and arid environments. The chemicals in turquoise come from adjacent rock, leached out by rain and groundwater.

Being relatively soft it can be easily scratched and broken. This porous opaque stone is easily discolored by oil and pigments, and changes color when it loses some of its water content. The presence of copper gives it a sky blue color and the presence of iron gives it a greener tone.

During the formation of the stone the ochre and brown-black veins develop caused by inclusions from nearby rock fragments or from oxide staining. The most valued variety of turquoise is an intense robin’s egg color or a sky blue. Hard, relatively non-porous compact stones have the best appearance because the stone can be finely polished. Pale and chalky varieties of Turquoise however are sometimes impregnated with oil, paraffin, liquid plastic and glycerin to give it a good polish.

This stone can be found in Armenia, Kazakhstan, China, Australia, Tibet, China, Mexico, Brazil, and Egypt. In Iran, where some of the best stones are found, turquoise is the national gem. The American southwest-Nevada, Arizona, Colorado, New Mexico and California-are primary producers of turquoise. Much of the specimens have a light color, and are porous and chalky -only about 10% is of gem quality.

The name originates from the French phrase “pierre turquoise” meaning “Turkish stone” because turquoise was brought to Europe by Venetian merchants who first acquired it in Turkish bazaars. When received as a gift, the turquoise symbolizes a pledge of affection because it is considered by some as a love charm. Shakespeare used this lore in “The Merchant of Venice” having Leah give a turquoise ring to Shylock when he was a bachelor. Hoping it would win his affections and persuade him to ask her to marry. Turquoise wedding rings are the popularity in Russia.

Turquoise is one of the earliest known stones to be used in jewelry even the Pharaohs of Early Egypt wore them. A tomb excavated in 1900 contained the mummified remains of Queen Zer, who ruled in 5500 B.C.; found on her arm were four magnificent turquoise bracelets. Beads dating back to 5000 B.C. have been found in Mesopotamia (now Iraq). In Iran, turquoise was the national gemstone, adorning thrones, daggers, sword hilts, horse trappings, bowls, cups, and ornamental objects.

For thousand of years the Native Americans have been using this gemstone to create magnificent jewelry and ornamental pieces. It was called “Chal-cui-hui-tal”, meaning “the highest and most valued thing in the world”. The Zuni, Hopi, Pueblo and Navajo Indians made magnificent necklaces, ear pendants and rings. The blue in turquoise symbolized the heavens and green symbolized the earth so the stones were used by medicine men to work charms. The Navajo believed that turquoise pieces, thrown into a river while offering a prayer to the rain god, would bring much needed rain. Apache lore held that a turquoise attached to a bow or gun would ensure accurate aim.



# Turquoise



A giant turquoise stone thought to be worth 10 million yuan (£1.1 million) has been discovered in Shiyan, China's Hubei province. The mega previous stone weighing 215 kilograms (474 pounds) and over 47" long was put on display on July 7, 2016 reports the People's Daily Online. Shiyan is a big stone mining area with 60 percent of the world's turquoise coming from the region.

The mega stone had been found in Zhushan county a few days before July 7 and was shipped to the city of Shiyan for display. According to Sina English, the stone could be worth 10 million yuan (\$1.5 million). Pictures show the villagers crowding around the giant stone to take a closer look. Turquoise is one of China's four national stones and many people use it to turn into ornaments and furniture.

The world's largest turquoise was registered by the Guinness World Records in 2009. The stone weighs 225 kilograms (496 pounds) and is housed in the Shandong Tianyu Museum of Natural History in China's Shandong province.

From: Dailymail.co.uk



In 1810, Napoleon gave his second wife, the Empress Maria Louise, this diadem. Originally, diamonds and emeralds were set in this stunning silver and gold crown. In the 1950s, the emeralds were removed and sold individually. They were later replaced with 79 Persian turquoises. "Marie Louise Diadem," Smithsonian Institution, photo by Cliff is licensed under CC By 2.0

# Tanzanite

## FACTS



- Mineral: Zoisite
- Chemistry:  $\text{Ca}_2\text{Al}_3(\text{SiO}_4)_3(\text{OH})$
- Color: Blue to violet to bluish purple
- Refractive Index: 1.691 to 1.700
- Birefringence: 0.008 to 0.013
- Specific Gravity: 3.35
- Mohs Hardness: 6 to 7

Exactly who made the discovery of tanzanite is the subject of some debate. According to some, the first tanzanite crystals were found by Masai tribesman, Ali Juuyawatu. Other reports state that the discoverer was Ndugu Jumanne Ngoma. Finally, a further account credits Manuel de Souza with the discovery of tanzanite on July 7, 1967. It has become the second most popular blue gem after sapphire and is rarer than diamonds.

Tanzanite is the blue to violet to purple variety of the mineral zoisite. It is mined commercially only in one area of the world: the Merelani Hills of Tanzania, which is where it got its name by Tiffany & Co. Because crystals show different colors depending on viewing direction, cutters can choose bluish purple or the more favored pure blue or violetish blue hue depending on how much weight they want to retain from the rough.

The blue color of tanzanite is caused by small amounts of vanadium within the zoisite mineral structure. When vanadium-bearing zoisite is heated to a temperature of 600 degrees Celsius for about 30 minutes, the oxidation state of the vanadium is changed and that change causes or improves the blue color.

Tanzanite is a pleochroic gem. Pleochroism is a physical property in which the material appears to be different colors when viewed from different crystallographic directions. Some specimens of tanzanite can be a distinct blue when viewed from one direction, and vary from violet to red when viewed from other directions.

**Sources:** [gia.edu](http://gia.edu), [Wikipedia](http://Wikipedia), [geology.com](http://geology.com), [gemselect.com](http://gemselect.com), [minerals.com](http://minerals.com), [durangosilver.com](http://durangosilver.com), [smithsonianmag.com](http://smithsonianmag.com), [google.com](http://google.com), [dailymail.co.uk](http://dailymail.co.uk),



# Zircon

## FACTS



- Mineral: Zircon
- Chemistry:  $\text{ZrSiO}_4$
- Color: Blue, red, yellow, orange, brown, green
- Refractive index:
- High: 1.925 to 1.984 (+/- 0.040)
- Medium: 1.875 to 1.905 (+/- 0.030)
- Low: 1.810 to 1.815 (+/- 0.030)
- Birefringence: 0.000 to 0.059 (low to high)
- Specific gravity: 3.90 to 4.73
- Mohs Hardness: 6 to 7.5 (low to high)

Colorless zircon is known for its brilliance and flashes of multicolored light, called fire. These zircon properties are close enough to the properties of diamond to account for centuries of confusion between the two gems. Colorless zircon is called “Matara” zircon after a city in Sri Lanka near where it is mined.

Zircon occurs in an array of colors. Its varied palette of yellow, green, red, reddish brown, and blue hues makes it a favorite among collectors as well as informed consumers.

The crystals grow in many different types of rock and possess a range of optical and physical properties. Some lower value zircons—usually green ones—were determined by scientists that the crystal structures of these gems were almost completely broken down by radioactive elements—often present in zircon as impurities—that damaged the gems’ crystal structure over long periods of geological time.

Gemologists classify zircons into three types—high, intermediate, and low depending on the its properties, which are directly related to the amount of radiation-induced damage done to its crystal structure.

High or normal zircons have full crystal structures, with little or no damage from radioactive elements possessing the normal physical and optical properties associated with the mineral.

In intermediate or medium zircons, radioactive elements have caused some structural damage possessing physical and optical properties that are between high and low types.

All the zircons used in jewelry are of the high type. Interestingly, radiation-induced crystal-structure breakdown can be reversed somewhat by heating zircon to high temperatures this repairs the stone’s damaged crystal structure producing a high type gemstone.

## Zircon & Tanzanite

Transparent  
Tanzanite



A transparent variety of zoisite a.k.a. tanzanite.  
Marcus Budil Collection

"The Ma wenzi"

Largest



10,859 Carats

The Mawenzi found in 2005 by the Tanzanite-One Mining LTD. is believed to be the largest tanzanite known.

Smithsonian National Museum of  
Natural History



122.70 Ct. Tanzanite



**Zircon Gem Rough:** Stream-rounded zircon from an alluvial deposit in Australia. Brown zircon is not highly marketable, much of it can be altered to a rich blue color by heating in a reducing atmosphere to between 900 and 1000 degrees Celsius. These stones range from about 5 to 10 millimeters in size.



Tanzanite is pleochroic in the pictures above and this specimen has not been heated. Pleochroism occurs when a gem appears to be different colors when viewed from different crystallographic directions. This particular specimen is trichroic - it appears to be different colors from three different directions. Looking at the broad side of the crystal, the gem has a wonderful blue color. When viewed from the narrow side, the specimen is deep violet. And, when viewed down the vertical axis with illumination below, it exhibits a red color. Those are the three pleochroic colors and three crystallographic directions for this specimen.

# Project of the Month

## Double Sided Beadwoven Star, Bracciale

### And the Russian Spiral

*LESLIE WANTED TO SHARE THE THREE PROJECTS SHE HAS MADE AND THE YOUTUBE ADDRESSES ARE LINKED BELOW.*

I made these to give as Christmas gifts. Thought I could send pics & links to YouTube tutorials I used to make it.

Leslie

Open Double-sided Beadwoven Star tutorial <https://youtu.be/QchAX3-0iS8>



Tutorial bracciale con perline e cristalli - bracciale simply  
<https://youtu.be/uFBhRWc20pY>



Here's one that I'm going to give that isn't finished, yet. I ran out of silver beads!

Beadweaving basics: Russian spiral  
[https://youtu.be/\\_T0fcb-c2Z0](https://youtu.be/_T0fcb-c2Z0)

No Picture



Thank You Leslie for sharing your projects, they are beautiful!

## Lapidary Teachers Needed

Volunteers are needed to submit projects to our Workshop Chairman for our newsletter each month until we can resume our regular general meetings. Please take the time to volunteer a project so everyone can enjoy having a workshop at home.

Please contact: Laura at [wanderingmsrn@gmail.com](mailto:wanderingmsrn@gmail.com) or by phone (228)342-2971

\* \* \* \* \*



# MEETINGS W E E L I N G S



## Meetings / Workshops

Herbert Wilson Recreational Center  
3625 Hancock Avenue  
Gulfport, Ms. 39501

### 3rd Saturday of each month

9 am - 12 pm	Workshop
12 pm - 12:30pm	Program
12 pm - 1 pm	Lunch
1 pm - 2 pm	Meeting

**Directions:** Coming from Pass Road or Highway 90 turn on Courthouse Road. Turn next to Hancock Bank on 33rd Street until you reach Hancock Street. Look to your left and you will see the Herbert Wilson Recreational Center. We are on the left side of building thru the gates.

**Come for fun . . . Stay to play!**

Visit our Website and Facebook page:

[www.gulfportgems.org](http://www.gulfportgems.org) or  
<https://www.facebook.com/gulfportgems>

**Workshops are offered free!**

**Next Meeting & Workshop**

*Dec 19th Via Skype 1pm*

Visitors are always welcome

**Please bring a guest. . .**

**0 Workshops this Month**

## Membership Dues

Single \$20.00 - 18 years old  
Family \$30.00 - 2 adults and all minors under 18 yrs. old at the same address  
Junior \$10.00 - Sponsored by an adult

*Application available on our website*

*Dues deadline - 3rd Saturday of January*

Name Tags - \$7.00

Shirts - available and cost is based on sizes

*Please see Treasurer, Lynn Tate*

## 2020 MEETING DATES

**Dec 19 Skype at 1pm**

## 2021 MEETING DATES

Jan 16    Feb 20    March 20

## Nearby Gem Societies



Ms. Gulf Coast Gem & Mineral Society

[www.mgcgms.com](http://www.mgcgms.com)

Meeting: 2nd Saturday of the month



Mobile Rock and Gem Society

[www.mobilerockandgem.com](http://www.mobilerockandgem.com)

Meeting: 2nd Tuesday of the month



Gem & Mineral Society of Louisiana

Meeting: 2nd Monday of the month

Contact: Levette @ 504-214-3205

## Other Interests:

International Society of Glass Blowers

Website: [www.isgb.org](http://www.isgb.org)

Visit site if you like Lampworking



**Dixie Mineral Council**

<http://www.amfed.org/sfms/index.html>



## Southeast Federation News

### S.F.M.S. Newsletter

Subscription to Lodestar is FREE electronically

Email: [sfms.lodestar@gmail.com](mailto:sfms.lodestar@gmail.com) Or

Editor: [john@rasmussengems.com](mailto:john@rasmussengems.com)

Can be read online:

<http://www.amfed.org/sfms/index.html>

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

## American Federation News



### A.F.M.S. Newsletter

Subscriptions are \$4.50 per year

Checks should be made payable to "AFMS"

AFMS Central Office

Steve Weinberger

PO Box 302

Glyndon, MD 21071-0302

[central\\_office@amfed.org](mailto:central_office@amfed.org) PH: 410-833-7926

### SFMS 2021 Annual Convention

TBA

### AFMS 2021 Annual Convention

TBA

### William Holland School of Lapidary Arts 706-379-2126

Website @ [www.lapidaryschool.org](http://www.lapidaryschool.org)

*Classes are Closed for 2020 season  
Due to Corvid 19*

[2020sfms.wh@gmail.com](mailto:2020sfms.wh@gmail.com) Registrar Cindy Reed

### WILDACRES RETREAT 828-756-4573

Website @ [www.wildscres.org](http://www.wildscres.org)

[registrarwildacres@gmail.com](mailto:registrarwildacres@gmail.com) Claudia Erwin

When scheduling keep in mind, workshops are subjected to change without notice.

*Classes are Closed for 2020 season  
Due to Corvid 19*

**Please check the website for changes.**

### A.L.A.A.

Have you joined the **American Lands Access Association** (ALAA)? Help is needed. Please volunteer!

The organization was founded to promote and ensure the right of the amateur hobby collecting, recreational prospecting and mining, and the use of public and private lands for educational and recreational purposes and to carry the voice of all amateur collectors and hobbyists to our elected officials, government regulators and public land managers.

Individual dues are \$25 per year; clubs \$50 per year.

A quarterly newsletter is sent to all members.

For more information,

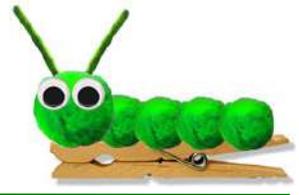
Visit <http://amlands.org>

Shirley Leeson, President



### **Lodestar & American Federation of Mineral Societies newsletters:**

Please take the time during this "stay at home" period to read these newsletters. Editors put in a lot of work to assemble these for all members. of all clubs. They have informative information related to our work and what we stand for along with what is upcoming events. Give them ten minutes of your time... We all have extra time now that we are home bound.



# Bench Tips from Brad

## MINI DRILL PRESS

If you find yourself drilling a number of small holes for your work, you might want to look at the small, inexpensive drill presses now available. They take up just minimal space on your bench and are always ready to give you nice straight holes. Some models even have a variable speed control. I've been very pleased with a low-priced one that's been well-used in my classes for over a year.

Because these machines are only a foot high, they're limited as to the size of workpieces that can fit into the machine and the size of the drill bits you can use. But I've had no problems with drill bits up to about 3/16" (4.5mm), even drilling steel.

The machines are sold by a number of companies. If you do get one, be sure to buy a spare belt because they are generally not available at local hardware stores.



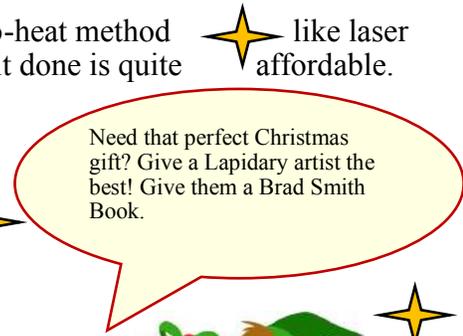
## LASER WELDING

A question came up recently about how to solder some jump rings to hold blue topaz briolettes onto a necklace. We've all heard about ways to do some soldering close to a stone, and some of us have sized a ring without taking the stones out of their mounts. We've used wet paper towels, garnet sand, cooling gels, and my favorite of suspending the stone in a dish of water. All techniques bank on the principal of using a small, hot flame to do the job quickly before the stone gets hot enough to crack or change color.

But each job is somewhat of a gamble. Some stones are hardy and some are frail. Jades and jaspers will generally take some heat, but I'd never chance it with the likes of topaz or opal. Trying to shield a stone from the torch is always a betting game, and sometimes you lose.

If soldering something close to a stone is too risky, perhaps it's time to consider a no-heat method like laser welding. Most jewelry stores have laser welders these days, and the cost of having it done is quite affordable. They used to have problems doing silver, but now seem to do it routinely.

I've used a local shop twice recently, once for a piece with little emeralds that a "friend" asked me to repair and for a second piece where I needed a safety catch and didn't want the torch heat to expose all the solder lines again.



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

**Check out Brad's books on Amazon:**

**<http://amazon.com/author/bradfordsmith>**

**[www.bradsmithjewelry.com](http://www.bradsmithjewelry.com)**

**Articles are copyrighted by Brad Smith**



# Shows and Events

**FOR A COMPLETE LIST OF SHOWS VISIT - [amfed.org](http://amfed.org)**

## **Note – Due to COVID-19**

**Many shows may be canceled due to the COVID-19 pandemic, please check with the local club or check their website, before you plan to attend.** There are a few that aren't, please go to [amfed.org](http://amfed.org) for a list.

### **Pinellas Geological Society, Inc. 45<sup>th</sup> Annual Gem, Mineral and Jewelry Show & Sale**

**January 8 – 10, 2021** Largo, Fl. Fri & Sat. 10 -5 pm & Sunday 12 - 5pm  
Admissions: \$2.00 Ages 12 and up. Fun for All Ages.  
Central Park Performing Arts Center, 105 Central Park Drive

### **Imperial Bone Valley Gem, Mineral & Fossil Society 2021 Annual Show**

**February 27, 2021** Lakeland, FL Hours - Sat. 9 - 4:30

Adults \$3, students, children and teachers free

First Presbyterian Church; 175 Lake Hollingsworth Dr.

Door prizes, Spin & Win Mineral Wheel, kids' Treasure Dig, demonstrations, educational displays, silent and Chinese auctions, dealers with rocks, minerals, fossils, jewelry, gifts, hobby supplies, lapidary demonstrations, wire wrapping, and cabochon making.

Contact Kim Price, (863) 412-9156 e-mail: [IBVGMFS@gmail.com](mailto:IBVGMFS@gmail.com)

Web site: [www.bonevalley.net](http://www.bonevalley.net)

### **AKS GEM SHOW Presents New Orleans Bead & Jewelry Show**

**Pontchartrain Center, 4545 Williams Blvd., Kenner, La. 70065**

**Admission Fee \$5.00** Hours: Fri & Sat 10am-6pm / Sun 10am-4pm

Email [info@aksshow.com](mailto:info@aksshow.com) with inquiries Phone: 504-265-8830 Visit website [www.aksshow.com](http://www.aksshow.com)

**GET A COUPON FOR \$1.00 OFF Admission**

**2021 Dates: January 8 - 10 Winter Show / April Spring Show**

**July Summer Show / September Fall Show / November Xmas Show**

**Save \$1.00 off  
admission to any AKS  
Gem Show**

Offer Expires: no expiration.

This coupon is good for entrance to any AKS Gem Show! **Be sure to check your inbox for additional savings from our exhibitors.**

**[Check our list of shows now...](#)**



## Officers 2020

**President** - Sue West      msuewest@bellsouth.net

**Vice President** - Cindy Braden      (706) 266-0221

**Secretary** - Nicole Green      nfouason@gmail.com

**Treasurer** - Lynn Tate      l.tate4@gmail.com

### Directors

Monica White (1 yr.)      Mrwhite61@gmail.com

Laura Tate (2 yr.)      wanderingmsrn@gmail.com

Sharon Greer (3 yr.)      3catsgreer@bellsouth.net

## Committee Members

### Workshop & Facebook Chairman

Laura Tate      wanderingmsrn@gmail.com

### Field Trip Chairman

Sharon Greer      3catsgreer@bellsouth.net

### Librarian Chairman

Sue West      msuewest@bellsouth.net

### Newsletter Editor

Lisa Fitch      Lapidaryarts@hotmail.com

### Sunshine & Hospitality Chairman

Clemencia Howe      clemenhowe@hotmail.com

### Show Chairmen

Lynn Tate      l.tate4@gmail.com

### Webmaster & Workshop Chairman

Leslie Jancovich      ljancovich@gmail.com

### Assistant Webmaster

Nicole Green      nfouason@gmail.com

## Southeast Federation of Mineralogical Societies

### Ms. State Director, Parliamentarian & Boundaries

Buddy Shotts      buddynrebashotts@bellsouth.net

### Past President SFMS

John Wright      osjbw@cableone.com

## Field Trips

Sharon Greer

If you are interested in attending any of the DMC Field Trips please contact our Field Trip Chairman so she can make arrangements. Open to all members of clubs associated with the DMC program of the SFMS Field Trip Committee and all members of SFMS societies who provide their membership with SFMS liability insurance. Because of insurance requirements the general public are NOT invited to any field trips.



[3catsgreer@bellsouth.net](mailto:3catsgreer@bellsouth.net)



## Facebook

Laura Tate

Please visit our Facebook page to view all the latest news and information on our club and workshops. To post club information contact:

**Laura Tate at [wanderingmsrn@gmail.com](mailto:wanderingmsrn@gmail.com)**

Visit at [www.facebook.com/gulfportgems/](http://www.facebook.com/gulfportgems/)



## Library

Sue West



The club has some interesting material available for viewing. Please contact Arvid to check out material from our Library. Be sure to return the material in a timely matter in order to share with other members.

[msuewest@bellsouth.net](mailto:msuewest@bellsouth.net)

## Newsletter Editor

Lisa Fitch

**Submit newsletter articles to:**

[Lapidaryarts@hotmail.com](mailto:Lapidaryarts@hotmail.com)



**Articles and minutes are due by the last day of each month**



# Membership Form

Contact Our Treasurer: Lynn Tate (228) 342-2963 Email: [l.tate4@gmail.com](mailto:l.tate4@gmail.com)



<b>HARRISON COUNTY GEM &amp; MINERAL SOCIETY, INC.</b> <b>MEMBERSHIP APPLICATION</b>	
<b>APPLICANT INFORMATION</b> <span style="float: right;"><b>SINGLE \$20.00</b></span> <b>18 YEARS OF AGE</b>	
Name: _____ Email: _____	
Date of birth (Mo/Day): _____	Anniversary: (Mo/Day) _____ Cell Phone: _____
Current address: _____ Home Phone: _____	
City: _____	State / Zip Code: _____ Work Phone: _____
<b>CO-APPLICANT / SPOUSE INFORMATION</b> <span style="float: right;"><b>FAMILY \$30.00</b></span> <b>TWO ADULTS &amp; ALL MINORS UNDER 18 YEARS OF AGE/AT SAME ADDRESS</b>	
Co-Applicant / Spouse: _____ Email: _____	
Date of birth (Mo/Day): _____	Cell Phone: _____ Work Phone: _____
<b>JUNIOR INFORMATION</b> <span style="float: right;"><b>JUNIOR \$10.00</b></span> <b>UNDER 18 YEARS OF AGE ☆ SPONSORED BY AN ADULT</b>	
Name _____	Birthday (Mo/Day/Year) _____ Relationship: _____
Name _____	Birthday (Mo/Day/Year) _____ Relationship: _____
Name: _____	Birthday (Mo/Day/Year) _____ Relationship: _____
Name _____	Birthday (Mo/Day/Year) _____ Relationship: _____
<b>☆ EMERGENCY CONTACT INFORMATION ☆</b>	
Name: _____	
Relationship: _____	Home Phone: _____ Cell Phone: _____
<b>INTEREST INFORMATION</b>	
<b>Hobby Interest:</b> <input type="checkbox"/> Fossils <input type="checkbox"/> Minerals <input type="checkbox"/> Lapidary ( <input type="checkbox"/> Cabbing, <input type="checkbox"/> Faceting, Etc.) <input type="checkbox"/> Field Trips (Creeks, Gravel pits, Mines, Etc.) <input type="checkbox"/> Special Interests _____	<b>(Each applicant initial interests)</b> <span style="float: right;"><b>Jewelry Interest:</b></span> <input type="checkbox"/> Beading <input type="checkbox"/> Wire Wrapping <input type="checkbox"/> Kumihimo <input type="checkbox"/> Chainmaille <input type="checkbox"/> Pearl Knotting <input type="checkbox"/> Silversmithing <input type="checkbox"/> Other _____
<b>APPLICATION FEES</b>	
<b>Applications can be mail to:</b> Harrison County Gem & Mineral Society P. O. Box: 10136, Gulfport, Ms. 39505	
Single \$20.00    Family \$30.00    Junior(s) \$10.00 Each	<b>DUES: \$</b>
<b>Dues:</b> <i>Circle One</i> <b>NEW RENEWAL</b> <b>No Proration</b> <b>Deadline: 3<sup>rd</sup> Saturday of January</b>	<b>TOTAL: \$</b>
<b>SIGNATURES</b>	
How did you hear about our society? _____ I authorize HCGMS to use my picture or likeness for society promotions? YES or NO I authorize HCGMS to include my information in society listings for members only? YES or NO	
Signature of applicant: _____	Date: _____
Signature of co-applicant/spouse (only if for a family membership): _____	Date: _____
*Newsletter will be sent via email @ no charge	
Modified 11/20/17 LF	

Our goal is to promote, educate and stimulate interest in the earth sciences and lapidary arts context.



**Gulfport Gems, Editor**  
**P O Box 10136**  
**Gulfport, MS 39505**



**Address Service Requested**



*Merry Christmas*

THE OFFICIAL PUBLICATION FOR THE HARRISON COUNTY GEM & MINERAL SOCIETY, INC.

<p><b>January 18</b></p> <p>Sweetheart Necklace By Lisa Cancelled</p> <p>Peyote Barrell Earrings Cindy B.</p> <p>Various Findings Nicole G.</p> <p><b>Happy New Years</b></p>	<p><b>February 15</b></p> <p>Sweetheart Necklace By Lisa</p> <p>Lacy Bracelet Laura T.</p> <p><b>Happy Valentines</b> </p>	<p><b>March 21</b></p> <p><b>Field Trip &amp; Meeting</b> Cancelled Covid—19</p> <p><b>Board Meeting</b> Sue's House</p> <p><b>St. Patrick's Day</b>  17th</p>	<p><b>April 18</b></p> <p><b>General Meeting</b> Cancelled Covid—19</p> <p><b>Skype Meeting 28th</b> at 1pm</p> <p><b>Happy Easter 12th</b> </p>
<p><b>May</b></p> <p><b>SHOW May 16 &amp; 17th</b> Cancelled Covid-19</p> <p><b>Skype Meeting 26th</b> at 1pm</p>	<p><b>June 20</b></p> <p>General Meeting</p> <p>Cancelled Covid—19</p> <p><b>Skype Meeting 23rd</b> at 1pm</p>	<p><b>July 18</b></p> <p>General Meeting</p> <p>Cancelled Covid—19 <b>No Skype Meeting</b></p> <p><b>Pearl Dangle Sterling Earrings</b> By Lisa Fitch</p> <p><b>July 4th</b> </p>	<p><b>August 15</b></p> <p>General Meeting</p> <p>Cancelled Covid—19</p> <p><b>Skype Meeting 15th</b> at 1pm</p> <p><b>Triangle Earring</b> Lisa Fitch</p>
<p><b>September 19</b></p> <p>General Meeting</p> <p>Cancelled Covid—19</p> <p><b>Skype Meeting 19th</b> at 1pm</p> <p><b>3 Bead Box Earring</b> Sue West</p>	<p><b>October 17</b></p> <p>General Meeting</p> <p>Cancelled Covid—19</p> <p><b>Skype Meeting 17th</b> at 1pm</p> <p><b>Arrow Earring</b> Sue West</p>	<p><b>November 21</b></p> <p>General Meeting</p> <p>Cancelled Covid—19</p> <p><b>Skype / Google Meeting 21st</b> at 1pm</p> <p><b>Colorful Hoop Earrings</b> Lisa Fitch</p> <p><b>Happy Thanksgiving 26th</b> </p>	<p><b>December 19</b></p> <p><b>Skype Meeting 19th</b> at 1pm</p> <p>3 projects by Leslie Jancovich via youtube.com</p> <p> <b>MERRY CHRISTMAS</b></p>