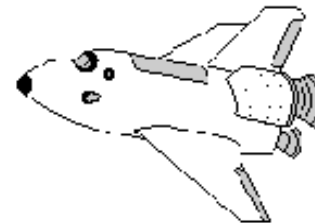
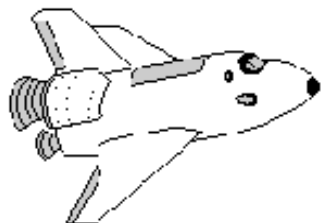


# ROCKET CITY ROCKS & GEMS



*The Monthly News Bulletin of the Huntsville Gem & Mineral Society, Huntsville, Alabama*

Volume 50 No. 1

*"We'll go to the Moon for a Rock"*

January 2018

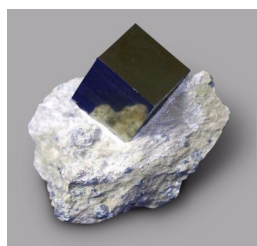
## **INSIDE THIS ISSUE**

Elections and Budget Vote.....	2
Pebble Pups .....	2
Proposed Budget.....	3
Metalsmithing Corner.....	4
Rocket City Jewelers .....	5
Brad's Bench Tips .....	6
Mineral of the Month .....	7
Articles of Interest .....	8
DMC Field Trip.....	9
Jan/Feb Birthdays & Anniversaries.....	10
Lapidary Lab Schedule .....	10
2017 Officers & Committee Chairmen .....	11
Calendar.....	12

**Program for Jan 23, 2018**  
Mike Soroczak will discuss the fluorite and galena mines of Indiana & Illinois.

He will bring specimens from his collection of these plus calcite, aragonite, marcasite, pyrite, and chalcopryrite. These mines have been commercially important for many years.

Don't put any of these in your mouth



Pyrite



Fluorite



Galena

Visit us at [www.huntsvillegms.org/](http://www.huntsvillegms.org/) and [www.facebook.com/HuntsvilleGMS](https://www.facebook.com/HuntsvilleGMS)



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## Elections and Budget Considerations at the January Meeting

**Acceptances for nomination** have been received for filling the positions of retiring leaderships. Nominees are: for President- Bill Friday, Vice President - Michael Cape, Secretary - Bob & Ruth Kemper, Treasurer - Clara Goode, Federation Liaison - Mark Habercom, and Board Members at Large - Gene Powers and Steve Young. Any members wishing to submit their own or other members' names for consideration are encouraged to do so. Please notify the nominees prior to submitting their names.

**The Proposed Budget for 2018** is published below for review by members prior to voting for approval at the January meeting. Budgetary items cover all aspects of running the HGMS.

**Membership Renewal Dues became payable on January 1. Prompt submission will be much appreciated.**

**Tony Smith, Fall Show Chairman, requests that any members who took home yard signs please return them for updating the information for the 2018 Show. Some may need repairs to the mounting wire bracket, and that can be done by a volunteer once they are received. Many thanks for having displayed them last Fall, but meanwhile, we need them back.**

## April Auction - Shelley Curran

[Shelley Curran <curranshelley1@gmail.com>](mailto:curranshelley1@gmail.com)

April will be here before we know it, so we need to start collecting quality donations. This is the big fundraiser for upgrading the lab and jewelry activities. With the heavy use the lab has enjoyed over the past two years, things wear out, or break, or just need to be replaced. There are several new pieces of equipment that each of the activities needs to acquire to make them even more responsive to the needs of the members. But to make it happen, we need for members to bring in items from their collections or creations. We will again be in the JayCees Building, with a professional auctioneer, refreshments, and plenty of space and time. You may bring them to meetings to evening sessions. Contact Shelley if you need for items to be picked up [256-426-4596 or email].



## Pebble Pups

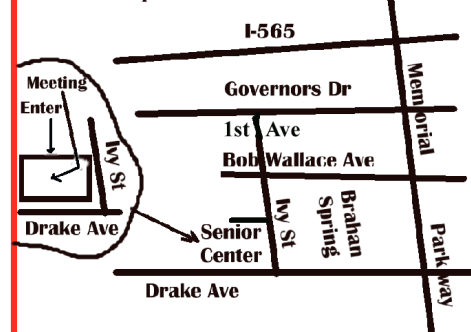
**Madison County Senior Center Cafeteria**  
**2200 Drake Ave, Huntsville AL**  
 Please RSVP to Brian Burgess,  
**256-746-0641, bburgess771@gmail.com**



January meeting will be Agates and Jaspers. I will do a presentation to explain the differences and similarities of both and then we will have a show and tell to look at the many examples I have collected. See you there on January 25th at 6:00 pm. We will also discuss what I have scheduled for the year, so far. I am still talking to individuals about field trips and a couple of class to be taught by other club members. New members are always welcome.

**If anyone has any questions, please contact Brian or Bill Friday**

Pebble Pups Location



2018 Proposed Budget		2018 proposed*		<u>2017</u>
1	Projected income			
2	Balance on hand	\$ 5,145.00		\$ 5,250.00
3	Dues (estimated)	\$ 1,600.00		\$ 1,600.00
4	Auction (est.)	\$ 3,000.00		\$ 3,000.00
5	<b>Total</b>	\$ 9,745.00		\$ 9,850.00
8	<b>Expense Items</b>			
9	Senior Center Meeting Room	\$ -		\$ 350.00
10	Equipment Repairs & Replacement	\$ 2,000.00		\$ 2,000.00
11	SFMS Membership Dues	\$ 1,200.00		\$ 1,200.00
12	Insurance for Auction only	\$ 350.00		\$ 220.00
13	Huntsville Arts Council	\$ 80.00		\$ 80.00
14	Publication of Bulletin	\$ 650.00		\$ 650.00
15	Postage to mail Bulletin	\$ 450.00		\$ 450.00
16	SFMS Convention Attendees	\$ -		\$ 200.00
17	Workshop Scholarships	\$ 300.00		\$ 600.00
	Website and Domain	\$ -		\$ 105.00
18	Picnic Facility and Food	\$ 400.00		\$ 400.00
19	Christmas Dinner	\$ -		\$ 100.00
20	Library Memorial Fund	\$ -		\$ 100.00
21	Material for Schools/Museums	\$ 100.00		\$ 100.00
23	<b>Total</b>	\$ 5,530.00		\$ 6,555.00
25	<b>Chairpersons</b>			<b>2017</b>
27	Auction Jaycees Building	\$ 350.00		\$ 350.00
	Auction Misc.	\$ 250.00		
28	Club Publicity	\$ 250.00		\$ 250.00
29	Liaison			\$ -
30	Field Trips	\$ 250.00		\$ 250.00
31	Hospitality	\$ 400.00		\$ 400.00
32	Membership	\$ 50.00		\$ 50.00
33	Pebble Pups	\$ 700.00		\$ 550.00
34	Programs	\$ 200.00		\$ 200.00
35	Activities Jewelry	\$ 350.00		\$ 350.00
36	Metalsmithing-Beginning	\$ 330.00		\$ 330.00
37	Metalsmithing-Advanced	\$ 410.00		\$ 410.00
38	Property	\$ -		\$ -
39	Scrapbook	\$ -		\$ 50.00
40	Treasurer	\$ 75.00		\$ 75.00
41	Miscellaneous	\$ 600.00		\$ 30.00
43	<b>Subtotal</b>	\$ 4,215.00		\$ 3,295.00
45	<b>Total</b>	\$ 9,745.00		\$ 9,850.00

# Metal Smithing/Silver Group by Kathy Bowman

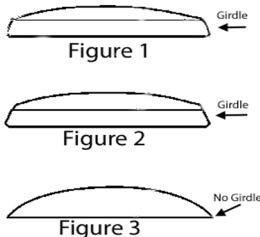


## Upcoming Project Class: Thursday, February 1, Setting Cabochons



We have had a number of certifications since the last time we had a cabochon setting class so we are revisiting that subject. Since this class involves "Fire" you must be certified to enroll in this class. Beginners will be setting an oval such as in the example from last year's class pictured on the left.

**The sign up sheet for this class will be available at the January HGMS meeting and during the Thursday classes. You also may sign up by sending email to [HGMS@wildivystudio.com](mailto:HGMS@wildivystudio.com).**



Note for Beginners, your cab should have a nice even "girdle" like *Figure 1* or *2*. Cabs cut like *Figure 3* are difficult for beginners to set. For those who have already mastered basic setting, we will also cover setting the fancier shapes with points and corners. You should bring the stone you want to set to class. We will provide all other supplies and tools. I will also have cabs available for sale if you do not have one.

As always, on nights that we do not have an official project class scheduled anyone who is certified is invited to join us to work on your projects. Instructors are available for "one on one" instruction and help on individual projects on work session nights. Anyone who missed a particular project we have had in the past and would like to work on that project. Please notify Shelly or me and we will provide you with the kit and instructions any special tools so you can work on it during our work session nights. **Please let us know in advance if the project you want to work requires special tools or equipment we bring from home so we can be sure to have them available.**

**Certification Classes:** We plan to continue to do certifications on a one to three person basis during our regular Thursday night work nights instead of having one large class a few times a year. If you are interested in scheduling Metalsmithing Certification this month please send your name and contact information (name, email address, and phone number) to [HGMS@wildivystudio.com](mailto:HGMS@wildivystudio.com). We will contact you and set up a Thursday for you to come.

### **Volunteer Positions \***

Class Instructors:

Kathy Bowman

Toolbox Sign-outs

Shelley Curran

Inventory Manager

Chris Kalange

Store Manager

**Opening**

Kit Manager

**Opening**

Shelley Curran

Webpage & Social Media Management

Deb Neis & Linda Haynes

\*Note: We are all volunteers so the schedule is subject to change.

## Rocket City Jewelers (RCJ) News

Leslie Malakowsky <[lmalakowsky@gmail.com](mailto:lmalakowsky@gmail.com)>

Happy New Year!! On January 10<sup>th</sup>, we made snowflake earrings using silver wire and “ice” crystal beads - appropriate for the freezing weather we’re having! If you missed this class, there will be a make-up session on January 17<sup>th</sup>.

Now taking sign-ups for the **February 7<sup>th</sup> Heart Pendant** class. We’ll use silver wire to form a whimsical heart, then decorate it with beads. Make it for yourself or for someone special. You must RSVP. Don’t miss this one!

Remember that our core goals are to share what we know, to learn new skills, and to work (and play) together to advance our knowledge of jewelry crafting. Please attend the meetings as often as possible, even when there is no formal class. You can’t interact with the group if you’re not there! We have a number of empty slots for volunteer positions that need to be filled (see below). To volunteer, please contact me at (256) 755-0479. If you have an idea for a class, or you can teach a class, I want to hear from you!

Lead Instructor/	Group Leader Leslie Malakowsky
Instructors	Myra Soroczak & Openings
Kit Manager	Sherrie Bonin (Wire Supplier - Shelley Curran)
Treasurer	Clara Goode
Facebook	Opening
Librarian	Opening
Security	Joe Bonin

### Upcoming schedule:

January 17<sup>th</sup> – Snowflake earrings make-up class

January 24<sup>th</sup> – Jewelry crafting overview

January 31<sup>st</sup> – Open jewelry/Clasps make-up class

February 7<sup>th</sup> – Heart pendant

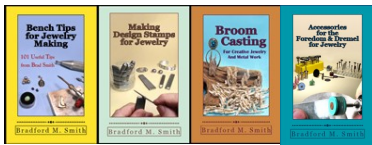
February 14<sup>th</sup> – Valentine’s Day – TBD

RCJ is open to every member of the HGMS. If you love making jewelry, please consider joining us. We meet every Wednesday from 6-9p.m. in the Paint Room (next door to the Lapidary Shop) at the Huntsville -Madison County Senior Center. All skill levels are welcome!



## Brad's Bench Tips

"Bench Tips for Jewelry Making" and "Broom Casting for Creative Jewelry" are available on Amazon [www.BradSmithJewelry.com](http://www.BradSmithJewelry.com)



Announcing Brad's latest jewelry techniques book for those who like Southwest-style stamped jewelry.

Both Kindle and paperback editions are on Amazon at

<http://amzn.to/2fvf58T>



### 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.

# Mineral of the Month – Ice

By Leslie A. Malakowsky

You may be surprised that ice is considered a mineral, but it does (at least partially) meet the definition of a mineral: a naturally occurring usually inorganic substance that has a (more or less) definite chemical composition and a crystal structure, and is a solid at room temperature (of you keep your room cold enough). Yes, the ice that your freezer makes is a mineral, too.



An ordinary household ice cube.

Ice is water that has frozen into a solid state. Depending on the presence of air bubbles, ice can be transparent or more or less opaque white or bluish white. Naturally occurring ice can have impurities, such as particles of soil.

All of the ice on Earth's surface and in its atmosphere has a hexagonal crystalline structure with minute traces of cubic ice. When ice forms, it can exhibit several different phases (or states of matter) depending on the current temperature and pressure. The primary phase change occurs when liquid water cools below 32°F at standard atmospheric

pressure.



A large hailstone, about 6 cm (2.4 in) in diameter

Ice is abundant in our Solar System, occurring naturally from Mercury to the Oort clouds (theoretical clouds of mostly small icy pieces of planets that surround the Sun at great distances; named after Dutch astronomer Jan Oort). Beyond the Solar System, it occurs as interstellar ice, that is, ice that occupies the physical space within a galaxy beyond the influence of each star. It is theorized that all of the water on Earth and the other planets came from this region of space as a vast rain of comets during the early formation of the Solar System.



Snowflake viewed in an optical microscope

Ice plays a key role in Earth's water cycle and climate. It occurs naturally on land, oceans, lakes and rivers during Winter seasons. It is especially abundant in the polar regions and above the snow line - that is the boundary between a snow-covered surface and a snow-free surface in mountainous areas, and of course as a common form of precipitation and deposition. On land, ice ranges in size from large ice sheets to smaller ice caps and ice fields to glaciers and ice streams to snow lines and snow fields. It is the chief force which breaks up mountain peaks, gradually over millions of years reducing them from lofty heights to level ground.

Ice forms as frost, rime ice, ice pellets and icicles and falls as hail and snowflakes. Snowflakes need super-cooled cloud droplets that remain liquid below 32 °F, allowing a few molecules in the droplets to form nuclei. Our understanding of how snowflakes form is not well known, but particulates such as clay, dust, and biological debris may play a role. Wilson Alwyn "Snowflake" Bentley was one of the first known snowflake photographers. He perfected a technique of catching snowflakes on black velvet so that their images could be captured. Ice is used in a variety of ways, including cooling, winter sports and ice sculpture.

Ice is produced on an industrial scale for uses including food storage and processing, chemical manufacturing, concrete mixing and curing, and consumer or packaged ice.

Reference: [wikipedia.org](http://wikipedia.org), [mindat.org](http://mindat.org)

## Canaveral Moonstone Jan 2018 Vol. P No. 1

## Calcite

By Dave Jacobson

Calcite is the common crystalline form of natural calcium carbonate ( $\text{CaCO}_3$ ), the basic constituent of lime-stone, 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*



## Birefringent Materials

Crystalline materials may have different [indices of refraction](#) associated with different [crystallographic directions](#). A common situation with mineral crystals is that there are two distinct indices of refraction, and they are called birefringent materials. If the y- and z- directions are equivalent in terms of the crystalline forces, then the x-axis is unique and is called the optic axis of the material. The propagation of light along the optic axis would be independent of its polarization; it's electric field is everywhere perpendicular to the optic axis and it is called the ordinary- or o-wave. The light wave with E-field parallel to the optic axis is called the extraordinary- or e-wave. Birefringent materials are used widely in optics to produce [polarizing prisms](#) and retarder plates such as the [quarter-wave plate](#). Putting a birefringent material between [crossed polarizers](#) can give rise to [interference colors](#).

The [mineral calcite](#), also known as Iceland spar, is widely used as a birefringent material. Its birefringence is extremely large, with indices of refraction for the o- and e-rays of 1.6584 and 1.4864 respectively. Its birefringence is so large that a calcite crystal placed over a dot on a page will reveal two distinct images of the dot. One image will remain fixed as the crystal is rotated, and that ray through the crystal is called the "ordinary ray" since it behaves just as a ray through glass. However, the other image will rotate with the crystal, tracing out a small circle around the ordinary image. This ray is called the "extraordinary ray".

<http://hyperphysics.phy-astr.gsu.edu/hbase/phyopt/biref.html#c2>







# Dixie Mineral Council Field Trips

## The Southeast Federation of Mineralogical Societies, Inc



The Friendly Federation - Founded in 1976 to serve  
DMC Program of the SFMS Field Trip Committee  
Copyright © All rights reserved.

An Official Field Trip of the Mobile Rock and Gem Society (Mobile, AL) (HOST)  
An Official Field Trip of the Huntsville Gem & Mineral Society

**Sunday, February 11, 2018, 9AM - 2PM Eastern Time**

**Patty Construction Quarry**

**7525 Hwy 27, Summerville, Ga**

**Unlimited number, No Fees, This field trip is for DMC members only. No visitors.**

**TRIP:** The February 11, 2018 SFMS DMC Field Trip is sponsored by the Mobile Rock & Gem Society to collect Lace Agate at the Patty quarry in Summerville Georgia. This site has been a long time favorite of many collectors. The agate forms within Mississippian age chert as delicate concentric bands. Colors are predominantly gray and red. Sometimes you can find stalactitic formations, or pieces covered in druzy quartz.

**COLLECTING:** Material is generally found by simply surface collecting, although there are plenty of large pieces and boulders for those so inclined to break them apart. A couple of guys from Georgia found a huge (about 3 feet diameter) boulder with good pattern and figure throughout and briefly contemplated how they might get it loaded into a truck, but eventually gave up on the idea.

**BRING:** Eye protection is a must for anyone wishing to break apart material with a rock hammer, or sledge, or are nearby someone else doing so! Things, such as a hammer, chisels, scratching tools, pry bars, buckets, small ground shovels and rakes, paper to wrap specimens, sunscreen, bug spray, food and drinks, sturdy shoes, and gloves. Much of the material is covered with a chalky white clay, and a pail of water is sometimes handy for dipping and identifying the better material. A small cart or hand truck may be useful for hauling larger pieces of take-home material.

**DRESS APPROPRIATELY FOR THE WEATHER OF THE DAY.** This will be in February, so the temp could range from 70's to the teens. Also, be prepared for rain if forecast.

**REGISTRATION:** Register upon arrival at the MRGS tent for insurance purposes and for additional information

**CHILDREN:** This is a good site for children.

**PETS:** Any pets MUST be on a leash at all times.

**FACILITIES:** In town about 2 miles away. Bottled water and limited snacks will be available for a reasonable fee.

### **DIRECTIONS AND WHERE TO MEET:**

From Huntsville AL, take Hwy 72 east to Scottsboro, and cross the river on Hwy 35. At the far end of the bridge take Hwy 40 left up the mountain and across Sand Mountain to Hammondville. After a short right onto US Hwy 11 and then left onto Hwy 117 through Mentone. At the Georgia line the highway changes to GA Hwy 48, which will take you into Summerville. From Summerville, GA, follow US 27 (Rome Blvd) southeast for 2.20 miles. This is 94 miles from Huntsville. **GPS 34° 28' 20", 85° 18' 58"** The site will be on the right between the county owned waste dumpsters and the US Forestry office. Look for the Mobile Rock and Gem Society signs.

**CONTACT:** Larry Landry, Field Trip Chairman, (251) 591-5682

See <http://www.mobilerockandgem.com/field-trips/> FOR PHOTOS OF OUR PREVIOUS DIGS.



## January Birthdays

3 Steve Tesh	15 Lisa Watts
4 Wayne Hall	16 Linda Riden
5 Lindsey Armstrong	16 Fritzie Young
5 Matthew Kula	17 David Bath
5 Frank Vinz	18 David Gulliver
6 Jack Albers	18 Angella Herren
6 Cynthia McDaniel	20 Betty Zoller
8 Christine Tate	20 David Hosmer
8 Dorthea Chism	21 Lowell Zoller
9 Brian Burgess	22 Mike Wesley
10 Jonathan Lear	23 Nancy Burrows
10 Steven Tate	23 Evelyn Detwiler
11 Delora Ward	23 Margaret Harmon
12 Pat McKinney	24 Clara Hayes
13 Elroy Walker	25 Marlene Allen
14 Irv Brock	25 John Hall
14 Troy Haggerty	26 Heather Huber
14 Shannon Brantley	27 Wes Wells
15 Jaxton Roberts	

## Anniversaries

9 Dawn Holliday  
15 Jack & Kathleen Albers  
24 Johnnie & Dennis Peterson

## February Birthdays

1 Ryan Flippo	12 Kay Jones
1 Maggie Holliday	13 Stuart North
1 Darrell Murphy	17 Dennis Adomatis
2 Julie Eve	17 Eli Gilchrist
2 Michael Cape	17 Dave Kalange
4 Taylor Gulliver	17 Don Cooper
4 Dawn Holliday	17 Mary Lauren Thompson
5 Alli Curran	18 Wayne Falkenberg
6 Doran Adams	19 Debbie Deering
6 Mike Goode	19 Ethan Hunneycutt
6 Savanna Emerson	21 Zachery Moore
7 Antonio Bedard	23 Mark Robinson
7 Lester Bartel	25 John Cook
10 Tony Smith	25 Jeanne Hayes
11 Karin Bath	27 Rose Smith
12 Angie Gilchrist	

## Anniversaries

2 Dorothea Chism  
12 Don & Marie Aldridge  
12 Kay Jones  
18 Karen & Gary Thompson  
19 Steven & Christine Tate  
20 Ben Hunneycutt & Brandy Hyatt

### January 2018 - Senior Center Lapidary Lab Schedule

#### Lapidary, Silver Jewelry and Wood Carving—

To use lapidary equipment, you must be certified unless a licensed instructor is present  
- currently: Bill Friday, Joe Bonin, & Michael Cape

<b>Monday</b>	<b>7:30am-9:00am</b>	<b>Open Lab: Lapidary, certified HGMS 60+</b>
	9:00am- Noon	Silver Jewelry - Ron West, Instructor - Seniors & HGMS 60+
<b>Tuesday</b>	<b>Noon-4:30pm</b>	<b>Open Lab: Lapidary, certified HGMS 60+</b>
	<b>7:30am-9:00am</b>	<b>Open Lab: Lapidary, certified HGMS 60+</b>
	9:00am—Noon	Silver Jewelry - Ron West, Instructor - Seniors & HGMS 60+
	Noon -3:00 pm	Silver Jewelry- Terry Clarke, Instructor - Seniors & HGMS 60+
	<b>3:00pm-4:30 pm</b>	<b>Open Lab: Lapidary, certified HGMS 60+</b>
<b>Wednesday</b>	<b>6:00pm-9:00pm</b>	<b>Open Lapidary &amp; Open Jewelry - certified HGMS 18+</b>
	<b>7:30am-4:30 pm</b>	<b>Open Lab: Lapidary - certified HGMS 60+</b>
	<b>6:00pm-9:00pm</b>	<b>Lapidary &amp; Jewelry Classes - certified HGMS 18+</b>
<b>Thursday</b>	<b>7:30am-9:00am</b>	<b>Open Lab: Lapidary - certified HGMS 60+</b>
	9:00am-11:30am	Silver Jewelry- Ron West, Instructor - Seniors & HGMS 60+
	Noon-3:00pm	Wood Carving - Copeland, Instructor - Seniors & HGMS 60+
	<b>3:00pm-4:30 pm</b>	<b>Open Lab: Lapidary -certified HGMS 60+</b>
<b>Friday</b>	<b>5:30pm-9:00pm</b>	<b>Metal Smithing &amp; Jewelry Classes— certified HGMS 18+</b>
	<b>7:30am-12:00am</b>	<b>Open Lab: Lapidary - certified Seniors &amp; HGMS 60+</b>

## 2017 HUNTSVILLE GEM &amp; MINERAL SOCIETY OFFICERS

President: Mark Habercom 256-340-8604

[mhabercom@energize.net](mailto:mhabercom@energize.net)

Vice President— Vacant

Recording Secretary: Bob &amp; Ruth Kemper

[bob\\_kemper@yahoo.com](mailto:bob_kemper@yahoo.com)

Treasurer: Clara Goode, 256-883-9194

[clarag1964@gmail.com](mailto:clarag1964@gmail.com)

Newsletter Editor: Bill Friday, 256-527-8227

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3015 Monterey Dr. SW, Decatur AL, 35603

## 2017 COMMITTEE CHAIRS

Membership: Bill Friday— 256-527-8227

[bill.friday@earthlink.net](mailto:bill.friday@earthlink.net)

2508 Excalibur Dr. Huntsville AL 35803

Scrapbook: Dianna O'Dell, 256-828-1813

Librarian: Leslie Malakowsky, 256-755-0479

Club Publicity: open

Field Trips: Brian Burgess, 256-746-0641

[bburgess771@gmail.com](mailto:bburgess771@gmail.com)

Hospitality: Caryl Nixon 256-426-5061

[caryl.nixon@outlook.com](mailto:caryl.nixon@outlook.com)

Mineral ID: Wayne Falkenberg—

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Show Volunteer Chair: Joe Bonin, 256-859-9711

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Show Publicity Chair: Tony Smith, 256-852-3210

Show Treasurer: Clara Goode, 256-883-9194

[clarag1964@gmail.com](mailto:clarag1964@gmail.com)

**PURPOSE OF THE SOCIETY:** The Huntsville Gem & Mineral Society is a non-profit educational organization for people interested in mineralogy, geology, paleontology, and related lapidary arts. Its primary purpose is the education of the members and the general public in these areas. This purpose is accomplished through programs, shows, lectures to school children and organizations, and exchange of rocks, minerals and artifacts.

**DUES:** Annual dues are \$15.00 per person, \$20.00 per family, and are due on January 1st of each year

Membership Applications may be found at our webpage [www.Huntsvillegms.org](http://www.Huntsvillegms.org), at meetings, or the lab

**MEETING PLACE:** Huntsville/Madison County Senior Center, 2200 Drake Ave, Huntsville, AL at 6:30pm.

**DATE:** Fourth Tuesday of each month except for April Auction, June picnic, Christmas Dinner and major holidays.

**Federation Liaison:** Huntsville Gem & Mineral Society, 3015 Monterey Dr., SW, Decatur AL 35603 Attn Mark Habercom

**The Society is affiliated with the American Federation of Mineralogical Societies ,  
the Southeast Federation of Mineralogical Societies, and the Dixie Mineral Council**

**Federation Newsletters:**

**SFMS:** [www.amfed.org/sfms/lodestar\\_newsletter.html](http://www.amfed.org/sfms/lodestar_newsletter.html)

**AFMS:** [www.amfed.org/news/default.htm](http://www.amfed.org/news/default.htm)

**DMC:** [http://www.amfed.org/sfms/\\_dmc/dmc.htm](http://www.amfed.org/sfms/_dmc/dmc.htm)



# 2018 CALENDAR

- 23 Jan '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 27 Feb '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 27 Mar '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 28 Apr '18 - Annual Rock Auction, on Saturday, 9:00am  
Jaycees Bldg, 2180 Airport Rd, Huntsville AL
- 22 May '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 16 Jun '18 - Annual HGMS Picnic—Tentative Date,  
Location to be determined
- 24 Jul '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 28 Aug '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 25 Sep '18 - Regular HG&MS Meeting, Madison County Senior Center,  
2200 Drake Ave, Huntsville, AL 6:30pm
- 12-14 Oct '18 Annual Fall Gem, Jewelry, & Mineral Show  
Jaycees Bldg, 2180 Airport Rd, Huntsville AL

Deadline for Next Newsletter— February 17, 2018

## Rocket City Rocks & Gems

Bill Friday, Editor  
2508 Excalibur Dr.  
Huntsville, AL 35803

HGMS January 2018

**Dated Material**  
**Do not Delay**