

ROCKET CITY ROCKS & GEMS



The Monthly News Bulletin of the Huntsville Gem & Mineral Society

Volume 51 No. 2

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

February 2019

INSIDE THIS ISSUE

President's Note	2
Brad's Bench Tips	2
2019 HGMS Proposed Budget	3
Minutes for Jan meeting	5
Pebble Pups	6
Rocket City Jewelers	7
Fossil/Geology Group Report	7
Metalsmithing Corner.....	8
Scholarships for W'acres & WmH.....	8
Wildacres & William Holland	9
Feature Article,.....	9
Dixie Mineral Council Field Trip	11
February/March Birthdays & Anniversaries.....	12
Lapidary Lab Schedule	12
2019 Officers & Committees.....	13
Calendar.....	14

Show & Tell for Feb 26th Program

It has been a while since we had a show and tell. We will have three this year. For this meeting, we ask members whose last initials are from **A thru G** to bring up to three of their favorite collection specimens. Please tell what they are, where you obtained them, and why you like them. Please keep it sort of brief. Bring your best treasures.

The next two such S&T's will be in July and October.

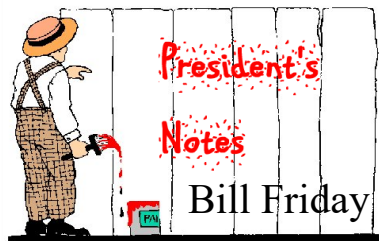


Last Month for Dues Payment to keep your membership current

www.huntsvillegms.org/ - www.facebook.com/HuntsvilleGMS -



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I keep returning to this topic of needing to see new faces in old places. The Pres and V-Pres positions will be open for 2020, along with Show Volunteer Chairman for this year, and there have been hints that the Show Vendor Chair will be opening up one of these days for a new intrepid caretaker. When we had 100 active members, and most of us greying rapidly, leadership was being shuffled around among a few true believers who just couldn't let the Club die. Then we found a great way to bring down our average membership age with evening sessions. It is to you Youngsters that we are looking to find replacements for the above mentioned positions, and maybe some more. "I haven't got time" doesn't work, because us retired folks have less free time now than when we carried day jobs. "I don't know how" is also invalid as an excuse because we have ex-officios for every position to train you and provide encouragement. None of these jobs is so difficult. If I don't hear from you soon, you will be hearing from me – not as a threat but as an offer to put all the good ideas in your heads to work, to keep improving our amazing Huntsville Gem & Mineral Society. Think about saying yes. Thanks in advance for your offers to serve.

Would you like to win prizes for displaying your most valuable treasures?

Richard Hoover has offered to provide guidance in preparing competitive display cases for our Fall Show. With the Southeast Federation of Mineralogical Societies coming here for their Fall Meeting, we will have among us some of the best judges available to select the winners, whose displays will become eligible for further prizes at the Southeast Federation level. We will be building new display cases for this purpose.

Brad's Bench Tips

"Bench Tips for Jewelry Making" and "Broom Casting for Creative Jewelry" are available on Amazon www.BradSmithJewelry.com For those who enjoy these bench tips, I'm happy to announce a second volume is now available on Amazon. "More Bench Tips" includes 86 ad-



ditional ways to save time, avoid frustration or improve quality at the bench. These new tips cover problems in fabrication, stone setting, casting, soldering and polishing. Browse through a couple of the new ones at <https://amazon.com/dp/B07D4B45JJ/>

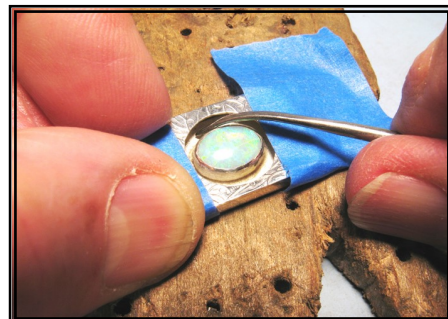


PROTECTING FINISHED SURFACES

I figure that any accidental scratch I make on a piece means about 15 minutes of extra sanding and polishing. So after finishing major surfaces I typically cover them with some masking tape to avoid any scratches when doing final work like cleanups and setting of stones. The blue masking tape used by painters works particularly well because it doesn't leave a sticky residue.

PICKLE PRECAUTIONS

A hot pickle pot gives off fumes that bother me in my home workshop. I get around that by using my pickle cold. I mix it a little stronger than for a hot pot so that it works almost as quickly. I keep it in a large-mouth plastic bottle and cap it off whenever I'm done using it.



HGMS January Meeting Minutes - 22 January 2019

The club president opened the meeting and greeted the new members and visitors. 7 new members attended and were given a chance to pick out an interesting rock. All together there were 45 people at tonight's meeting.

Membership. Annual dues are due now! Shelley is accepting dues at the meeting. Anyone who joined and paid at the show is good through the end of 2019. If you're paying tonight that's good through the end of 2019 as well.

The club officer core was reelected for another year in their same positions except for a few people who aren't able to continue serving. Brian will be ex-officio until June. Joe won't be able to be the volunteer coordinator for this year's show.

Spring Auction. The spring auction is scheduled for March 23rd in the Jaycees building. Holding our auction in March rather than April means we aren't competing with Panoply Arts Festival or several other shows held around the same time. We'll have food at the auction this year. Wheelies, the food cart from the fall show, will be selling food and drinks again – possibly inside this time rather than outside. Donations are needed for the auction as early as possible so they can be cataloged. All donations are welcome. Jewelry, equipment, tools, books, finished items or rough material. We also need volunteers for every position from setting up to tearing down. Donations can be dropped off Monday through Thursday at the lapidary lab or give Shelly a call and she'll come to your house and pick it up.

Pebble Pups. Brian is gathering ideas for putting together a field trip for the pups and adults.

Treasury. Clara reported we have \$7888 in the club account. There are still receipts out for the show. February 28th is the deadline for turning in those receipts if you want to be reimbursed.

Hospitality. Carol is gone but Joe volunteered to coordinate the hospitality volunteers this evening. They did an excellent job.

Rocket City Jewelers. The RCJ presented their report on upcoming classes for early February. Different classes are scheduled each Wednesday evening during the month.

Metalsmithing. Cathy gave the metalsmithing report on upcoming classes for early February.

Webpage. Bill reported on how good the webpage looks. People have made contact because they found us through the webpage.

Fossils group. Bill announced the 7 Feb. date for the organizational meeting of the fossils and geology group.

Lab report. New signs are going to be posted to tell users about rules for using the equipment. Sanding and polishing wheels are being worn down or gouged by misuse, and saw blades have been warped by poorly mounted stones. The equipment is expensive to maintain when people are using it wrong so the rules are going to tighten up.

William Holland and Wild Acres. The drawing for the partial sponsorship will be during the February meeting. The drawing is for 1st and 2nd place winners, and 1st and 2nd place alternates. You must be accepted into a William Holland or Wild Acres class and show the acceptance email to Clara to get a check from the club. If the class is during the SFMS weeks then let the school know and you can enroll for the special SFMS price.

Program chairman. The club needs a new program chair. Mike Harrison is probably going to volunteer but that isn't confirmed yet.

Program: Burgess Shale. Presented by Bill Friday

Meeting adjourned and everyone enjoyed snacks.

Pebble Pups

Madison County Senior Center Cafeteria
2200 Drake Ave, Huntsville AL
Brian Burgess 256-479-2993
bburgess771@gmail.com



Upcoming meeting - February 28, 6:00 to 7:00 March Meeting will be on the 28th

This will be the first of three meetings to solve a mystery. I will have mineral specimens that you will pick from and you have to tell me its name. We will work in groups of 2 or 3 and each Pup will pick a different mineral. Various tests will be applied - scratch, solubility, color, hardness, density, etc. Those that have been around and still can find there books, bring them. Remember safety when completing the test on the minerals.

I have begun to update the Pup website calendar. As I get confirmation on field trips, guest speakers, and club events I will add them to the calendar. I have sent emails for Cane Creek Canyon and Steven Minkin Footprint site and waiting for responses. Need input for Hogg Mine on who wants to venture there and also which site to go shark tooth hunting. I will update the Field Trip Info section on the website with polls for you to decide where and when we go. I will leave the Field Trip Information up on this section for those that are new to the Pups. I will add the date for the field trip once it has been decided.

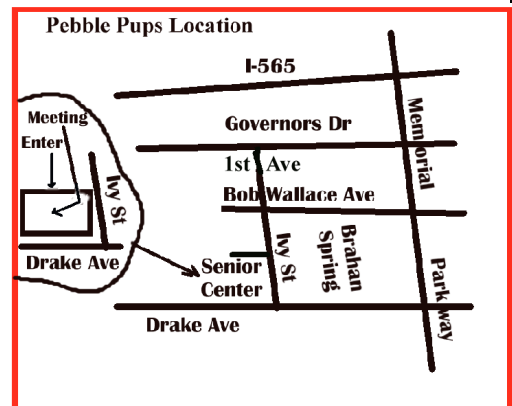
Cedar Creek fossils, near Red Bay AL—date yet to be settled

Devil's Racetrack in Huntsville—day trip to be set as it is convenient—geology hike and fossils

New members are always welcome. Bring your friends.

Enter the north door of the Senior Center, 2200 Drake Ave. and straight ahead to the cafeteria.

If anyone has any questions, please contact Brian 256-479-2993 or Bill Friday 256-527-8227, bill.friday@earthlink.net



Super Blue Wolf Blood Moon of Jan 2019



Bring back your Fall Show yard signs

These signs are expensive and if they aren't returned, new ones will have to be made. Please check the corners of your garage to see if any from past years are lurking in dark corners or closets.

Rocket City Jewelers (RCJ) News *By Leslie A. Malakowsky*

This month we made Snowflake Earrings to complement the Christmas Tree Earrings we made in January using the Japanese chainmaille weave. This weave was challenging, but the results were worth it.

Now taking reservations for the **Bead and Washer Bracelet class on Wednesday, March 6th**. The kit cost is TBD. The **deadline to RSVP is Wednesday, February 27th**.

Upcoming Schedule:

February 20th – Open
 February 27th – Open
 March 6th – Bead and Washer Bracelet
 March 13th – Open



Lead Instructor/	Group Leader Leslie Malakowsky
Instructors	Judy Osmundson, Myra Soroczak
Kit Manager	Sherrie Bonin
Treasurer	Clara Goode
Facebook	Karen VanBebber
Security	Joe Bonin

RCJ is open to every member of the HGMS. (Gentlemen, too!) **If you love making jewelry, please visit us!** All skill levels are welcome! We meet every Wednesday from 6-9p.m. in the Paint Room (next to the Lapidary Shop) at the Huntsville-Madison County Senior Center, 2200 Drake Avenue, Huntsville.

Important: Please park in the **North parking lot** and enter the building at the **entrance next to Meals On Wheels**. The door is locked after 6:30p, so if you need to arrive later, please text me and someone will let you in.

FOSSIL & GEOLOGY SPECIALTY GROUP

Fossils & Geology Activity Group is up and running. We had 21 enthusiasts gathered to kick off this new project. Attendees ranged from new to the topic to ones ready to give excellent talks for future meetings. The vision had been to create separate groups, but what wasn't taken into account was that most of those gathered are equally interested in both topics, plus lapidary and jewelry and field trips. A short program was given on Geology of Monte Sano and on Using Index Fossils to Date Rock Ages.

Indian artifacts came up as a desired Activity, and it will happen, but without quite so much overlap. Which just means that those programs will stay focused on the main subject.



The next meeting will be Thursday March 7th, 6:30. Thursdays are in permanent conflict for some who want to attend, but so are all other nights for others, and Tuesdays & Thursdays are the only nights that the Painting Room is available. We will work these problems out.



Metal Smithing/Silver Group by Kathy Bowman & Shelley Curran

Next Project Class Thursday March 7th. 6:00 pm

Etched mixed metal, multilayered, linked bracelet. Two part class for March and April.

Part 1. March 7th. 6:00pm.

Class will chemically etch three different metals to be used to fabricate a mixed metal layered linked bracelet.

This technique is a fairly simple way to produce richly patterned base metals for multiple uses. In this case a bracelet.

The kit will include all metals and necessary chemicals and materials. Kit cost of \$10.00.

Preference will be given to certified members at sign up, as materials produced in this class will be used to build a bracelet in part two next month.

If interest warrants an etching class will be offered again at a later date.

Part 2. April 4th. 6:00 pm

Class will use the metals we etched in part one to build the bracelet. The patterned metals will be shaped and layered and soldered together to make individual links. Each link will be different. Most will make six links to get the necessary length. The links will then be finished into a toggle closure bracelet. Basic soldering skills required.

Kit will include everything necessary to finish the bracelet. Cost will be minimal as metals and such were purchased last month.

Volunteer Positions

Class Instructors: Kathy Bowman

Toolbox Sign-outs
Inventory Manager
Store Manager
Kit Manager
Webpage & Social Media Management

Shelley Curran
Chris Kalange
Opening
Opening
Shelley Curran
Kathy Bowman



William Holland and Wildacres Scholarship Drawing



At the February Meeting of the HGMS on Feb 26th, we will hold a drawing for two Assistance Scholarships, valued at \$150 each, for any active members of the HGMS, to attend either of the two Arts Schools, your choice of which class or classes you choose. A complete listing



with descriptions for all classes included in this offer can be found in the SFMS February newsletter "Lodestar", which can be found at

http://www.amfed.org/sfms/_pdf/Lodestar%20February%202019.pdf

To be considered active, you must have been a paid member of HGMS for all of 2018 and have paid dues for 2019. Current dues may be paid at the meeting for eligibility. Two prioritized alternate names will also be drawn. Winners from the previous two years are not eligible for this year. You do not have to be present to win. Notify in person or by email your desire to enter to Bill Friday, Kathy Bowman, or Shelley Curran. To receive the scholarship, you must apply to the school of your choice and pay for your class selection, (contact info for applications are on the next page) and receive a notification of acceptance from the school registrar. Present this letter to Treasurer Clara Goode to receive a reimbursement check for your scholarship.

Wildacres Education sfmsworkshops.com

1565 Wildacres Road, P.O. Box 280, Little Switzerland, NC 28749, Phone 828.756.4573

GPS 35°49' 35.63" 82°06' 32.06", or 35.82656111, -82.1089055**To Wildacres from Marion, NC**

Go north on Hwy. 226-221, 6.3 miles from the Hwy. 70 intersection.

Take a left on Hwy. 226 toward Spruce Pine. (This intersection has a traffic signal.)

Go 1.1 miles to the intersection of Hwy. 226 and 226A and **turn left** onto 226A.

(Road construction has changed this intersection.)

Take this road 6.5 miles to the Wildacres sign at Wildacres Road and take this left.

Go 1.1 miles on gravel road to a paved drive on the right leading to Wildacres.

**August 19-25 2019**

- ☐ Cold Connections -Morning Sherrod
- ☐ Beginning Casting -Bill Harr
- ☐ Wire Wrap Rowan -Rose Morgan
- ☐ Special Projects -Jeff Sheer
- ☐ Cabochons -Buddy Shotts
- ☐ Beg. Chain/Fusing -Roy Deere
- ☐ Layered Colored Pencil -Mary Karg
- Jewelry on metal

September 16-22 2019

- ☐ Silver 1 -Pattie Appleby
- ☐ Gem ID -Teresa Polly
- ☐ Adv. Casting -Bill Harr
- ☐ Stone Inlay -Chuck Bruce
- ☐ Beg. Chain/Fusing -Roy Deere
- ☐ Metal Clay -Judi Talley
- ☐ Cold Connections -Morning Sherrod

William Holland - SFMS Federation Week 230 Lapidary Lane, Young Harris, GA 30582

June 9th – 14th, 2019, 706-379-2126

GPS 35.82656111, -82.1089056 or 35°49' 35.62", 82°06' 32.06"

For more information go to www.sfmsworkshops.org we will be updating the website soon to include registration and payment but for now you can mail your registration form and \$50 Deposit to: SFMS Workshops. c/o Warren Ratcliff, WH Registrar 420 S. Oak Ave, Bartow, FL 33830 (Make check payable to SFMS Workshops) Warren.Registrar@yahoo.com 941-545-4728

Kristine Robertson, WH Director Kristine@kmarella.com, 863-640-2887**Class/Instructors**

Casting with Bill Harr

Loop n Loop with Chuck Bruce

Silver II - Fused with Dale Koebnick

Electro Etching / Wood Inlay with Micah Kirby

Cabochons I with Paul Roberts

Metal Manipulation/Cold Connections with Debora Mauser

Wire II - Bracelets Only with Gene Sheridan

Silver-Wear I and II with Jan and Keith Stephens

Beading with Dot Kasper

Silver I with Vickie Prillaman

Opals II - Carving with Cheryl Kasper

Science Olympiad Regional Competition 2019

HGMS has been honored to be a part of the UAH Science Olympiad for a number of years because of our experience in Rocks and Minerals, and Fossils. The Olympiad this year, focused on Fossils, was held on Feb16 at UAH. There were 18 Middle School teams followed by 18 High Schools teams from schools all over north AL. We had 5 HGMS volunteers who helped arrange the rooms for testing, monitored the teams during testing, and graded the tests. The tests were long and difficult, on purpose so that there wouldn't be multiple ties with perfect scores. There weren't any but one team did answer 2/3 of the questions correctly. This is a valuable service for the community, and good advertising for HGMS. A pitch was made for kids to consider joining the Pebble Pups. Please consider volunteering to help next year. **Thanks from Lowell Zoller, Coordinator**



Mineral of the Month – Pumpellyite (var. Chlorastrolite)

By Leslie A. Malakowsky



A sample of pumpellyite

This month's mineral is actually a gemstone. Chlorastrolite is a variety of Pumpellyite, which is a group of closely related sorosilicate minerals that form a chemical series. (Sorosilicates are silicate minerals characterized by double tetrahedra in their crystal structure.) Pumpellyite was first described in 1925 for occurrences in the Calumet mine in Michigan and named for United States geologist, Raphael Pumpelly (1837–1923).



Each member of the pumpellyite group has a slightly different chemical formula due to varying amounts of magnesium, iron, manganese and aluminum. Chlorastrolite's formula is $\text{Ca}_2(\text{Mg,Fe})\text{Al}_2(\text{SiO}_4)(\text{Si}_2\text{O}_7)(\text{OH})_2 \cdot \text{H}_2\text{O}$. It occurs in blue-green to olive-green finely-radiating or stellate masses. Upon first glance, it resembles wavellite, a phosphate mineral that occurs in translucent-green radial or spherical clusters. But Chlorastrolite's radiating clusters occur in a distinctive "turtle back" pattern, which roughly resembles a turtle shell, and the clusters tend to have a subtransparent to opaque chatoyancy (an optical reflective effect as seen in tiger's eye).



Chlorastrolite is found in only two locations in the United States: the Keweenaw Peninsula of the Upper Peninsula of Michigan and Isle Royale in Lake Superior. The mineral occurs as amygdaloids (cavities in volcanic rock filled with secondary minerals) in the basalt along the shores of Lake Superior. Wave action wears away the basalt and loosens the mineral which is found as beach pebbles and granules in loose sediments. But Isle Royale is a National Park, so unfortunately, it's illegal to collect specimens there.

Most gem-quality Chlorastrolite stones are very small; it's rare to find one that is larger than half an inch. The largest gem-quality stone measures 1.5 inches by 3 inches and is housed in the Smithsonian Natural History Museum.

Chlorastrolite was first described from Isle Royale, Lake Superior by C. T. Jackson and J. D. Whitney in 1847. Because of its rarity and uniqueness, it was named Michigan's state gemstone in 1972. (Not to be confused with Petoskey stone (fossilized coral), which is Michigan's state rock or stone.)



Chlorastrolite is known by many names: *greenstone* or *Isle Royale greenstone*, *Lake Superior greenstone*, *green starstone* (most common in Michigan's Upper Peninsula), and *turtle back* because of the stone's overall mosaic pattern, particularly in polished pieces. Rounded masses of Chlorastrolite from Nipigon Bay (on Lake Superior, Ontario, Canada) are sometimes called *zonochlorite*, but that's a misnomer. The confusion may be because zonochlorite is sold as *faux* Chlorastrolite. There's even a variety of Chlorastrolite called *uigite* found only on the Isle of Skye off the coast of Scotland.

Faux material notwithstanding, this stone is very popular with rockhounds and lapidarists. Chlorastrolite pebbles are tumbled to bring out their beauty, and the stone is cut and polished into cabochons for making jewelry. Turtle-shaped pendants with Chlorastrolite cabochons in their centers are a favorite!

References: wikipedia.org, mindat.org

February Birthdays

1 Eddie Boyett	13 Stuart North
1 Ryan Flippo	14 Matthew Elmore
1 Maggie Holliday	16 Robin Boyett
1 Darrell Murphy	17 Dennis Adomatis
2 Michael Cape	17 Don Cooper
4 Dawn Holliday	18 Wayne Falkenberg
5 Alli Curran	19 Debbie Deering
6 Mike Goode	20 Lauren Todd
7 Lester Bartel	22 Cindy Bonds
7 Karen Cale	23 Mark Robinson
10 Tony Smith	25 John Cook
11 Karin Bath	25 Jeanne Hayes
12 Kay Jones	

Anniversaries



February
Amethyst

2 Dorothea Chism	13 Eddie & Robin Boyett
12 Don & Marie Aldridge	18 Karen & Gary Thompson
12 Kay Jones	19 Christine Tate

March Birthdays

5 Allison Kowalczyk	18 Michael O'Dell
5 Jacob Roberts	18 Ola Ann Lee
9 Hannah Mayes	19 Ben Carroll
9 Julie McCullough	20 Dennis Peterson
13 Karen van Bebber	21 Leigh Ann Hurst
13 Lena Elmore	21 Teresa Roberts
14 Sarah Herman	22 Susan Hessler
15 Patty Jo Adomatis	22 Gene Powers
15 Carol Roden	22 Harry Wiley
15 Johnece Smith	29 Linda McKinney
16 June Kalange	30 Dennis Peterson

Anniversaries



March
Aquamarine

14 Ben & Monika Carroll
22 Wayne & Rhonda Hall
24 Margaret & Jerry Olson

January 2019 - Senior Center Lapidary Lab Schedule

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

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

2019 HUNTSVILLE GEM & MINERAL SOCIETY OFFICERS

President—Bill Friday—256-527-8227—bill.friday@earthlink.net

Vice President— Michael Cape— macape@knology.net

Recording Secretary: Bob & Ruth Kemper— bob_kemper@yahoo.com

Treasurer: Clara Goode, 256-883-9194—clarag1964@gmail.com

Newsletter Editor: Bill Friday - 256-527-8227—bill.friday@earthlink.net

Directors at Large: Steve Young —taegu_steve@hotmail.com

Gene Powers—genepowersgddm@gmail.com

Michael Soroczak —Soroczak@yahoo.com

Ex Officio - Brian Burgess— bburgess771@gmail.com

Federation Liaison - Les Bartel - 31 Oakland Trace, Madison AL 35758 lester.bartel@gmail.com

2019 COMMITTEE CHAIRS

Membership: Bill Friday— 256-527-8227

bill.friday@earthlink.net

2508 Excalibur Dr. Huntsville AL 35803

Webpage: Leslie Malakowsky,

lmalakowsky@gmail.com

Auction Chair: Shelley Curran

curranshelley1@gmail.com

Field Trips: Brian Burgess, 256-479-2993

bburgess771@gmail.com

Hospitality: Caryl Nixon 256-426-5061

caryl.nixon@outlook.com

Mineral ID: Michael Soroczak

falkenbergwp@comcast.net

(William Holland offers a class for this)

Property: Chris Kalange,

ckalange@comcast.net

Program Chair—Mike Harrison -

wm.harrison.123@gmail.com

Show Chair: Tony Smith, 256-603-3095.

tsmith@erc-incorporated.com

Show Vendor Chair: Lowell Zoller, 256-534-8803

Lzol@comcast.net

Show Volunteer Chair: Open

Show Publicity Chair - Tony Smith

tsmith@erc-incorporated.com

Show Treasurer: Clara Goode, 256-883-9194

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, artifacts, and newsletters.

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, 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

AFMS: www.amfed.org/news/default.htm

DMC: http://www.amfed.org/sfms/_dmc/dmc.htm



2019 CALENDAR

- 26 Feb '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm
- 23 Mar '19 (Saturday) - Annual Fund Raiser Auction - 9:00 am
Jaycees Bldg, 2180 Airport Rd, Huntsville AL
- 23 Apr '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm
- 28 May '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm
- 29 Jun '19 (Saturday) - Annual Picnic and Rock Swap - Monte Sano State Park, Huntsville
Large Pavilion in the Picnic Area - 9:00 till 2:00
- 23 Jul '19 Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm
- 27 Aug '19 Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm
- 24 Sep '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm
- 11-13 Oct '19 HGMS Fall Show, Jaycees Bldg, 2180 Airport Rd, Huntsville AL

Deadline for Next Newsletter— March 16, 2019

**Dated material
Do not Delay**

Rocket City Rocks & Gems
Bill Friday, Editor
2508 Excaltibur Dr.
Huntsville, AL 35803
HGMS February 2019