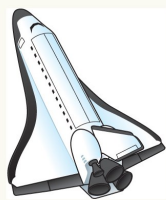


ROCKET CITY ROCKS & GEMS



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

Volume 54 No. 3

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

March 2022

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Annual Rock & Mineral Auction



South Room of the HGMS Education Center

Saturday March 19, 9:00 till 4:00

We have over 500 items available for your bidding pleasure. A professional Auctioneer will work through this array in short order, so come at 9:00 to pick out your favorite choices. There will be jewelry, slabs, fossils, rough minerals, and several pieces of lapidary equipment. There will also be a large "Buy it Now" table with marked prices, and many more nice items.

The bidding will open at 10:00, so have your paddles, and your cash, ready. **There will be on-site an ATM and a Square for credit cards.**

The General Public is invited, so spread the word and bring your friends. Remember this is a major fundraiser for the HGMS.

There will be no March General Membership



Web Page - www.huntsvillegms.org/



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In lieu of a meeting this month we are happy to be resuming our annual auction. I hope many of you will be able to make it out and buy some treasures. We also had a field trip opportunity to go out to the Hollytree area and search for paint rock. As of this writing, a few of us went to brave the cold winter weather and found some nice Paint Rock Agate. There will be more opportunities to access this location, but we are limited to the number of people who can go at any one time. Watch your e-mail for the next chance. And if you are fortunate enough to go on this trip or others, always be considerate of the property owner and their rules so that we can continue to get access to these areas. Forging these relationships takes time and effort. Thanks to Bill for putting us onto this one.

In closing, let's have a great auction! az

Minutes from the Feb 22, 2022 HGMS General Membership Meeting

Minutes of the February 22, 2022 General Membership Meeting, by James Yack, Recording Secretary

1. Welcome to all by President Anthony Zwilling, 6:30pm
 2. New Members were welcomed. The Dunn family came from Utah. DeeDee Morton From Colorado. Alisha (AJ) Bischoff from Virginia. Deborah Barnhart From the Space and Rocket center.
 3. Marty Martinez's passing was recognized.
 4. Review of January's minutes from the newsletter, were approved by the club
 5. Executive Board meeting minutes in newsletter are now being included monthly
 6. Executive Board members are elected at the end of the calendar year, as was explained to the club.
 7. New constitution and bylaws up for vote. Family Memberships to include college students that are dependents - three Nays to the bylaw. It was approved.
 8. Treasurer report from Clara \$4740 in our account.
 9. Membership #'s were presented from Theresa.
 10. Lapidary lab report. New oil recycler will conserve 90% of the oil used from the mud. Lost world books for sale
 11. Rocket City Jewelers – Discussed upcoming classes and the importance of reserving a spot so kits can be made in advance.
 12. Metalsmithing – Gave a sneak peak at the April class. There will be no March class to give ample time to set up for the auction.
 13. Geo Science – out of business until we have programs lined up.
 14. Future Rockhounds New co-chair DeeDee Morton is joining Karen Allen and Mike Harrison.
- Continuing Rock & Mineral Identification
15. March Auction/Rock sale Sat March 19th, Set up Friday night. ATM is reserved. Wi-Fi has been reserved for the bid tracking. We need to use the Club's Square CC machine prior to the auction because it did not work at the yard sale. We are still needing a food vendor. Anne Diekmann will manage paddles, Sheila Tesh is taking money. Chris Kalange is running sold table. June Kalange is doing advertisements on social media, Mike Harrison is doing the Buy it now table. We need runners and banners to move merchandise throughout the day. More volunteers are still needed.
 16. Picnic will be June 25th, Monte Sano State Park Trailhead Pavilion. We will not have a March General Membership Meeting
 17. Annual HGMS Show at the Jaycee's building is October 14-16,
 18. Dixie Mineral Council Field trip by the Mobile Rock and Gem Society will be Sunday March 20th to the Patty Construction mine in Summerville, GA 9am-2pm
 19. April 26th is the next HGMS membership meeting. There will be no March membership meeting.
 20. Club presentation was on the Orgueil Meteorite with Professor Richard B. Hoover.
 21. Wrap up with a free rock for new club members.
 22. Meeting adjourned 8:45.

Wayne Taylor conducted our Annual Auctions for several years, tremendously improving the success of these critical fundraisers. Sadly Wayne died about the same time we would have had the Auction last year, and we had the Yard Sale instead. He had given us the name of a fellow Auctioneer who would have been his assistant, and that fellow **Ricky Underwood** will be our Auctioneer this year.

Welcome Ricky. It will be a long and exciting day.



Rock, Mineral, and Machine AUCTION, SATURDAY MARCH 19th

7901 Bailey Cove Rd, Hsv AL 9:00 open for inspection, 10:00 bidding starts

Our annual fundraising auction is coming up fast. The auction has grown to become a good source of funding for the club. Proceeds from the auction support HGMS programs and activities including but not limited to junior rockhounds, geosciences, lapidary and much more.

We auction and outright sell all sorts of things, from rough and slabs to specimens and finished pieces. There's books and magazines. We have jewelry making materials and finished jewelry. There's lapidary equipment and tumblers, grits and other things too numerous to mention.

We need volunteers for all sorts of jobs to make all this happen.

For example: * Set up 5:00pm Friday Mar 18th and tear down after the auction

- * Sign in, get contact info and give out numbered paddles. Have membership info on hand too.
- * Keeping the items moving in order to the auctioneer, show the material to the crowd.
- * Bid tracker and computer program. Very fast pace.
- * Backup bid tracker and computer, to figure checkout totals without the interruption of the primary bid tracker.
- * Cashiers, two. Be ok with making change and taking credit cards. Fast moving near the end of the day.
- * Runners
- * Sold table holding area, two people.
- * Someone to run the buy it now area. Organize items and tables. Outright sales, must be comfortable dealing and dickering, no cash involved.
- * Someone in the equipment area to provide info to patrons.

Pick a job that interests you. Some are somewhat physical and others are sit down jobs. We'll need backup for most jobs as not everyone can stay all day.

Last Notice! Dues are Now Due—with an Increase for 2022

New Members and current Members - Now \$20 single/\$25 Family

Those who had already paid by Dec 31 will not be charged the extra amount.

What do your dues give back to you? Dues cover about half of the HGMS Annual Budget, along with the Auction, which we will have this year - Rock Sale last year. The income is used to help provide support for our many activities - access to our new Education Center, lapidary, jewelry, metals, Pebble Pups, GeoSciences, Field Trips (DMC will be back next year), AFMS/SFMS/DMC Federation membership & *insurance*, newsletter, monthly programs, Web Page, Fall Gem, Jewelry, & Mineral Show, Picnic, Christmas Dinner and Outreach. Still quite a bargain, don't you think?!!!



Metal Smithing - Shelley Curran & Kathy Bowman

April Class: Wire Frame Pendant

Class 1: Thursday, April 7

Class 2: Monday, April 11

Good news! The heat in the Lapidary and Metalsmithing rooms has finally been fixed! It will be much more comfortable to work now. We hope that we will see all our students that did not come because of the cold back with us. We missed you!

The April project will be a wire frame pendant with prongs for a square or rectangular cab. This is not a difficult class since it involves sweat soldering – the same skill we used in the certification class project - but will require some patience and is a bit “fiddly” because it requires precise placement of the wires at right angles. This works project works best with a square or rectangular stone shape, but a cabochon with straight bottom and top edges and slightly curved sides can be used. It is a simple design that showcases the stone so look for a one with lots of visual interest. If you do not have a suitable cab we will have them available for sale (some patterned and some solid). The cabs are not included in the kit cost which will be \$5 for copper or brass. Square brass wire is getting very difficult to find in 14 gauge so I will attempt to roll down some larger brass wire to the right size. If you want to use silver, you must bring your own or purchase it from our “store”. You will need 14 gauge square and half round wire. We do suggest you make your first piece in base metal.



The sign up sheet for this class will be available at the November HGMS meeting and during the Monday and Thursday classes. You also may sign up by sending email to HGMS@wildivystudio.com.

Certification Classes: Our apologies to all who were waiting through the month of February for Certification. Preparations for the Auction took up too much time to work in a date for the class. The Certification class is scheduled for Monday, March 28th with a possible 2nd class on Thursday night March 31st, depending on the number of people who request the class. Please send your name and contact information (name, email address, and phone number) to HGMS@wildivystudio.com to get on the list for the March Safety Certification Class. We will contact those who sign up by email with more detailed information about the class(s) soon.

Facebook Users: The Metalsmithing class has our own page in Facebook groups. You can see info on classes, examples of project classes and other general information. Members of the group can post their finished class projects. Out class page is HGMS Metalsmithing Group. The link: <https://www.facebook.com/groups/438777169648170>

Volunteer Positions *

Class Instructors:

Kathy Bowman

Shelley Curran

Tools/Equipment Inventory

Annie Diekmann

Store Manager

Opening

Kit Manager

Shelley Curran

Webpage & Social Media Management

Kathy Bowman

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



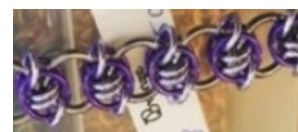
Rocket City Jewelers (RCJ) News *By Leslie Malakowsky*

We made earrings using the Double Cloud Cover chainmaille weave. This was a new weave for us, and everyone enjoyed this class once we learned the “trick” to making this weave. New chainmaille students are encouraged to start a collection of samples. Classes focusing on samples instead of finished jewelry are being considered. The Copper Triangle Pendant was another opportunity to get more experience shaping, hammering, and wrapping wire.

Signing up for 6 classes at a time makes it easier for teachers to plan ahead for kit materials and for students to know well in advance what classes are coming up. Every quarter, you’ll have the opportunity to decide what classes you want to take. Non RCJ members wishing to take classes (and RCJ members who miss voting) must contact Theresa **two weeks before class** to reserve their kit.

There are only a few days left to donate to the **Annual Fundraising Auction on Saturday, March 19th**. Proceeds from the auction help support HGMS activities such as RCJ! Please contact Shelley Curran to make last-minute donations.

All RCJ members are invited to participate in our 1st ever **Swap Meet coming up on March 30th**! Please bring your jewelry creations (and any jewelry making supplies that need a new home) to this bonus Wednesday activity! Please don’t confuse the Swap Meet with the **ongoing “sale” of donated items that we can’t use!** Proceeds from that sale go directly to RCJ. (Any items that don’t sell by the end of class this Wednesday will be donated to Future Rockhounds of America or to the March 19th auction!)



Upcoming Schedule:

Mar 16: 6p – 9p, **Kinetics Chainmaille Bracelet.** Kit cost \$6. This is a variation of the Helm’s weave chainmaille pattern. **You need to bring 2 pairs of the flat nose pliers.**

Mar 30: 6p – 9p, **Bonus Wednesday Activity: Members-Only Swap Meet.** You can still bring unfinished projects to work on if you like, but there won’t be a formal class.

Apr 6: 6p – 9p, **Wire Wrap Pendant.** We’ll make this basic wire wrap using square and half-round copper wire (not silver as pictured). You need to bring an oval cabochon no longer than 30mm. Judy has cabs, too, if you need one. Wire cost depends on the size of your cab.



Meeting Times: Classes are from **6p – 9p** on **1st and 3rd Wednesdays**. Make up and “Finish It” sessions are from **2p – 5p** on **2nd and 4th Wednesdays**. (Meeting times and activities on 5th Wednesdays are TBD.)

Class Reservations: Vote for your favorite classes when Judy circulates ideas via email. RCJ members and visitors can also reserve kits in person at RCJ meetings up to two weeks before class. You can also Call, Text or Email Theresa Chivers at 256-509-0406 (wolfsong929@gmail.com).

Meeting Location: The **HGMS Education Center, 7901 Bailey Cove Road SE, Huntsville**. Enter the South parking lot off Bailey Cove Road SE, drive through the lot to the Education Center (long narrow building at the back), turn left, park directly opposite the building, and enter the double glass doors on the West side of the building. **Note:** The doors will be unlocked for the first hour. After that, the doors will be locked, and you will need to call **Judy (205-541-7207)** or **Theresa (256-509-0406)** to let you in.

Volunteers:

Instructors	Judy Osmundson, Theresa Chivers, Leslie Malakowsky
Point of Contact/Kit Reservations/Security	Theresa Chivers
Kit Manager/Treasurer/Security	Judy Osmundson
Membership/Publicity/Inventory	Leslie Malakowsky

RCJ is open to **every member** of the HGMS. (Gentlemen, too!) If you love making jewelry (especially with gemstones), please join us! All skill levels are welcome! Please contact Judy with your class ideas or “pin” your ideas on our Pinterest page. We’d also like to know what you’re able to teach.



Future Rockhounds of America Thursday March 24th, 6:00pm

Hello Future Rockhounds!

The Future Rockhounds (previously Pebble Pups) began in January learning techniques to identify minerals - color, hardness, luster, and streak, smell and even taste and specific gravity - and will finish this month with cleavage, fracture, effervescence, and more. In February we also explored the official mineral, rock and gem of Alabama which are hematite, marble and the ever elusive blue star quartz.

Recently, we made our first meet-up at Cook Natural History Museum in Decatur to see Marvelous Magnets and explore the museum. More field trips are in the works. Interested Future Rockhounds (children and grands of members, ages 8 to 18 years old) are welcome to come join us to investigate and discover rocks, minerals, gems and fossils. More information about the Future Rockhounds of America program can be found at:
<https://www.juniors.amfed.org/fra-badge-program>.

We can't wait to see you there! Bring your Friends.

Your Rock Hound Leadership Team

Karen Allen— karenhsv@gmail.com

Mike Harrison - campcraft.mike@gmail.com

Dee Morton - deemorton@hotmail.com



Rocks & Minerals



Field Trips



Report on Challenger School STEM Event - March 8, 2022

Michelle Salehi invited the HGMS to set up a booth at their Spring **Science, Technology, Engineering & Math** Evening at **Challenger School** in southeast Huntsville. Bill Friday took a table full of rocks, minerals, and fossils. There were 26 booths, hosted by area Aerospace companies, Girl Scouts, UAH, North Alabama Zoological Society, Von Braun Astronomical Society, plus a pen full of rabbits for cuddling and petting, and many more. Very many kids of all ages, and parents, stopped to marvel at the shapes, sizes, and colors arrayed on the table. The fossils were very popular as well. Each kid got a small emerald. The pizza was delicious.



On April 5th, **Mountain Gap Elementary & Middle School** will host their STEM Event, overseen by Ms. Salehi's twin sister and member of HGMS Amber Heimbeck. We will be there.

Then on April 22, Brian Burgess and Bill Friday will be in **Gadsden at the Eura Brown Elementary School**, for our fourth year. We have had an outdoor booth for each of Brian's minerals and Bill's fossils. Kids came by in classes from 3rd - 5th, and stayed for fifteen minutes, so we didn't get to see everyone, but the time spent was adequate for us to explain what we had and why it was special.

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 additional 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.



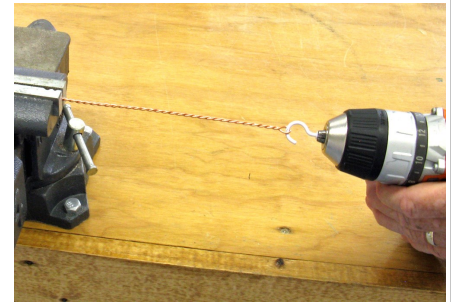
TWISTING WIRE

Twisting wire can be done with an old hand drill but goes much faster with a power tool. My preference is to use a screw gun, although a Foredom should do well.

Just make a little hook out of coat hanger wire (or use a screw-in cup hook) and chuck it up in your screw gun. Grip the free ends of the wire in a vice and slip the looped end onto your hook.

Keep a little tension on the wires as you twist.

Note that a power drill is too fast a tool for this unless you have one with variable speed.



SOLDERING PRONGS

I often use prongs to hold an irregular cab or other object on rings and pendants. But prongs can be a little tricky to solder. You have to find some way to hold them all upright while soldering, and the simple butt joint that looks strong sometimes breaks when you start to bend the prong over the stone. There's nothing worse than having a prong break off when you're setting the stone *#~*!

I solved both problems with one little trick. It keeps the prongs in position for soldering, and it gives you a stronger joint at the same time.

Southeastern Federation Wildacres and William Holland 2022 Classes.

You may apply for Wildacres or WH classes at any times, but there are reduced rates for the SFMS weeks. We hope you join us as we welcome back the In-Person classes.

Please go to <https://www.sfmsworkshops.org/> for class descriptions, prices, and instructor bios.

William Holland June 5-10, 2022

Metal Mania - Cindy Moore
Chasing & Repousse - Morning Sherrod
Wire Wrap II - Gene Sheridan
Low Tech Casting - Debora Mauser
Silver II - Loop n' Loop Chain - Chuck Bruce
Seed Beaded Cabs - Jerri Heer
Leather - Tom Slavicek
Silver I - Valerie LaMotte
Cabs II - Paul Roberts
Intarsia II - Bill Boggs
Flint Knapping - Guy Meador -
Enameling I - Samantha Lazzaro
Soft Solder - Becky Patellis
Flame Painting - Bob Hohn

Wildacres Week 1 - Aug.22-28

Casting - BILL HARR
Metal Mania - CINDY MOORE
Chainmaille - JIM HIRD
Special Projects - Your choice JEFF SHEER
Wire 1 & Beyond - RONDA STEVENS
Cabbing - BUDDY SHOTTS
Silver 1+ - JASON HAMILTON

Week 2 - Sep 12-18

Casting - BILL HARR
Metal Mania - CINDY MOORE
Flint Knapping - Guy MEADOR
Silver II Filigree - JASON HAMILTON
SILVER III INLAY - CHUCK BRUCE -
BEGINNING & INTERMEDIATE CHAIN MAILLE
MARILOU HILLENBRAND
Acid Etching & Enameling 101
KRISTI ROSS & STEPHANIE SAVIC POLK

Mineral of the Month – Malachite

By Leslie A. Malakowsky



Botryoidal malachite with druse crust

This month features a green mineral to commemorate St. Patrick's Day! Malachite is a secondary copper mineral with the formula $\text{Cu}_2\text{CO}_3(\text{OH})_2$. (*Secondary* minerals form when primary minerals weather and oxidize. *Primary* minerals form when igneous rocks originally crystallize.) Malachite is one of two, relatively common, copper minerals; the other is a blue mineral called azurite ($\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$).

Malachite is a member of the Rosasite group of metal carbonate hydroxide minerals in which varying amounts of copper, iron, magnesium, nickel, and/or zinc are present. Malachite is green because the metal element is copper, and the green can range from bright, medium, and dark green to nearly black.



Botryoidal malachite

You don't need the "luck of the Irish" to recognize this mineral. In addition to color, another distinguishing characteristic is crystal form or *habit*. Malachite occurs in a wide variety of forms, mainly *massive* (no distinct shape), *botryoidal* (grape-like, hemispherical masses), *fibrous* (extremely slender prisms), and *stalactitic* (stalactites: forms that *hang* from the ceiling of caves or hot springs, and stalagmites: cylindrical or cone-shape *deposits* from ceiling drippings). When slabbed, botryoidal and stalactitic malachite display the characteristic opaque-green bands for which malachite is known. Individual crystals of malachite are rare, but they do occur in *acicular* (slender, needle-like) prisms. Malachite also has a unique light green streak and a Mohs hardness of 3.5 (a little harder than calcite) to 4.0 (as hard as fluorite).



Malachite and azurite rough

Malachite forms when copper minerals containing sulfide, such as pyrite ("fool's gold"), breakdown from weathering and oxidation. Malachite can also form in deep, underground spaces below the water table where chemicals in hydrothermal fluids (naturally occurring subsurface reservoirs of hot water) precipitate. Malachite often occurs with azurite, goethite (an iron oxide), and calcite (calcium carbonate). Malachite is associated with copper deposits around limestone, the source of the carbonate.

The name "malachite" was derived from the Greek words Μολοχίτης λίθος (molochites lithos), meaning *mallow-green stone* due to its resemblance to the leaves of the mallow plant. (The term "mallow" is the common English name for Malvacea, a family of flowering plants.)



Malachite pendants displaying characteristic banding

Malachite has been mined since the Neolithic Period. It's been used as a copper ore, a pigment in green paint (until c. 1800 when it was replaced by a synthetic version), a gemstone for jewelry making, and an ornamental stone for decorative objects, architectural elements, and even furniture. (Simulated malachite is prevalent in the jewelry trade. Harsh lines, straight bands, and odd colors are signs that the stone may be simulated.)

Malachite is found all over the world. The best material comes from Australia, Austria, Democratic Republic of the Congo, Russia, and the United States (especially Arizona). Don't forget to "wear your green" malachite on March 17th!

References: wikipedia.org, mindat.org



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
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Vulcan Rock Quarry, Saturday, April 30, 2022, Bartow County, GA

Meet no later than 8:30 AM EST. Caravan into Quarry at 9:00 AM EST

Registration Required REGISTRATION: Participants must register with the online form

https://docs.google.com/forms/d/e/1FAIpQLSfhLQ33K9_9rnHQ-xg876DaZwUeFK_Ffy9dGBT_TTc4eYdgNQ/viewform

TRIP: This location is part of the Corbin Gneiss Complex. The quarry is mining porphyroblastic granite gneiss, so the rock there has large crystals, e.g., quartz and feldspar. The rocks here are some of the oldest in Georgia - approximately 1.2 billion years.

COLLECTING: We will be collecting granitic gneiss with blue quartz. Small pieces can be collected by hand and larger pieces can be collected with hammer and chisel. This material can be cut and polished and it also makes nice specimens.



BRING: Tools needed include scratching tools, buckets, optional for larger rocks, chisels, rock hammer, small sledge, and a spray bottle with water to wet the rocks so you can see the color better. You will also need sunscreen.

REQUIREMENTS: Gloves, safety glasses, hard hat, and steel toed or sturdy boots with ankle support (e.g., hiking boots). No tennis shoes or open toed shoes allowed.

SPECIAL CONDITIONS: This is an active quarry. STAY AWAY from all heavy equipment, high walls, ponds, and quarry machinery.

TERRAIN AND ACCESSIBILITY: There are flat areas and areas with loose rock. People with mobility issues may have some difficulty navigating over and around boulders. There may also be soft, muddy areas if it rains before or during these trips. Collecting areas are within 100 yards from where we park

CHILDREN (Yes): The quarry allows children, but they must have adult supervision at all times. And, they must have all of the required safety equipment. **PETS** No pets allowed

FACILITIES: There are NO facilities at this location. Food and restrooms are several miles away.

ACCOMMODATIONS: There are many hotels in Cartersville, GA, which is less than half an hour away from this location.

ADDITIONAL INFORMATION: Georgia Mineral Society members will be available to answer questions. There will also be a sign-in table with examples of collecting material.

DIRECTIONS AND WHERE TO MEET: **Registered attendees will receive directions via email** Quarry employees will escort a caravan into the quarry. You are not allowed to drive around the quarry un-escorted. Everyone must enter and leave the quarry together.

If you arrive late you will not be able to enter the quarry!

CONTACT: Charles Carter, 770-998-1127, fieldtrips@southeastfed.org

March Birthdays

1 Richard Hoover	15 Kay Jones
1 Hilde Williams	18 Ola Ann Lee
5 Allison Kowalczyk	18 Michael O'Dell
6 Jacob Wydner	19 Ben Carroll
7 Jason Edgeworth	20 Kaven Howard
9 Julie McCullough	22 Susan Hessler
12 Ray Ferguson	22 Gene Powers
13 Joanna Morrow	25 Milly Peebles
13 Karen van Bebber	30 Tommy Trainer

Anniversaries

4 Jason & Nina Edgeworth
14 Ben & Monika Carroll



March
Aquamarine

April Birthdays

4 Anne Deikman	19 Thelia DeMoor
4 I Shine McFarland	19 Bill Lokken
4 Ryan McNeal	20 Jan Edmunds
11 Leslie Malakowsky	22 Phil Cauthen
11 Anita Owen	23 Bill Friday
15 Carolyn Johnson	27 Don Aldridge
	30 Shirley Bruce

Anniversaries

6 Joe & Sherrie Bonin
7 Myra Soroczak
8 Phil Cauthen



April
Diamond

The Huntsville Gem & Mineral Education , 7901 Bailey Cove Rd. is is now open on a regular schedule

Metal Smithing Instructors: Shelley Curran, Kathy Bowman, Jan Edmunds

Lapidary: Bill Friday, Michael Cape, James Yack, Bruce Kowalczyk, Anthony Zwilling

Rocket City Jewelers: Judy Osmundson, Theresa Chivers, Leslie Malakowsky

Future Rockhounds: Karen Allen, Mike Harrison, Dee Morton

Monday	Metal Smithing	5:30pm - 9:00pm
	Lapidary	1st Monday each month 9:45am-2:00pm
	Lapidary	5:30pm - 9:00pm
Tuesday	Lapidary	9:00am - 2:00pm, 6:00pm - 9:00pm
	HGMS Meetings	6:00pm - 9:00 4th Tuesdays
Wednesday	Lapidary	6:00pm - 9:00pm
	Rocket City Jewelers 1st & 3rd Weeks	- 6:00pm - 9:00pm
	Rocket City Jewelers 2nd & 4th Weeks	- 2:00pm - 5:00pm
Thursday	Lapidary	6:00pm - 9:00pm
	Metal Smithing	5:30pm - 9:00pm
	GeoSciences	6:30pm 2nd Thursdays
	Future Rockhounds	6:00 4th Thursdays
Friday	Lapidary	6:00pm - 9:00pm
Saturday	Metal Smithing	9:00am - 3:00pm irregular 1st Saturday of the Month

2022 HUNTSVILLE GEM & MINERAL SOCIETY EXECUTIVE BOARDPresident— Anthony Zwilling - afzwillling@gmail.comVice President - Bill Friday - bill.Friday@earthlink.netRecording Secretary: James Yack - jamesgyack@gmail.comTreasurer: Clara Goode, 256-883-9194 - claragoode1@comcast.netNewsletter Editor: Bill Friday - 256-527-8227 - bill.friday@earthlink.net**Past President: Mike Harrison** - campcraft.mike@gmail.com

Directors at Large:

Gene Powers - genepowersgddm@gmail.comLes Bartel - lester.bartel@gmail.comShelley Curran - curranshelley1@gmail.comIsabel Leon y Leon- isabel.leonyleon@gmail.com**2022 COMMITTEE CHAIRS****Property: Michael Cape**macape@knology.net**Program Chair—Bill Friday**bill.friday@earthlink.net**Webpage: Leslie Malakowsky,**lmalakowsky@gmail.com**Auction Chair: Shelley Curran**curranshelley1@gmail.com**Membership: Theresa Chivers**wolfson929@gmail.com |**Field Trips: Bill Friday**bill.friday@earthlink.net**Hospitality: Open****Publicity: Open****Show Chair: Tony Smith, 256-603-3095.**tsmith@erc-incorporated.com**Show Vendor Chair: Lowell Zoller, 256-534-8803**Lzol@comcast.net**Show Publicity Chair - Tony Smith**tsmith@erc-incorporated.com**Show Treasurer: Clara Goode, 256-883-9194**claragoode1@comcast.net**Mineral ID: Lowell Zoller**Lzol@comcast.net**Facility Chair: Bill Friday**bill.friday@earthlink.net

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 and enjoyment of the members and the general public in these areas. This purpose is accomplished through programs and activities, shows, lectures to school children and organizations, and exchange of rocks, minerals, artifacts, and newsletters.

DUES: Annual dues are \$20.00 per person, \$25.00 per family, and are due on January 1st of each year

Membership Applications may be found at our webpage www.Huntsvillegms.org or at the HGMS Education Center during a meeting or at one of our activity periods: 7901 Bailey Cove Rd SE, Huntsville, AL 35802

Meetings: 4th Tuesday of the month except for March Auction, June picnic, Christmas Dinner and major holidays.

The Society is affiliated with the American Federation of Mineralogical Societies ,

the Southeast Federation of Mineralogical Societies, and the Dixie Mineral Council

Federation Newsletters: DMC: <http://www.amfed.org/sfms/dmc/dmc.htm>

SFMS: <https://www.southeastfed.org/newsletter> - new, under construction

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



2022 CALENDAR

- 19 Mar '22 - Spring Rock Auction Fundraiser, HGMS Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 9:00am
- 26 Apr '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 24 May '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 25 Jun '22 (Saturday) Annual Picnic and Rock Swap 8:00am to 4:30pm
Huntsville Monte Sano State Park, Trailhead Pavilion
- 26 Jul '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 23 Aug '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 22 Sep '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 14-16 Oct '22 Fall Gem Jewelry & Mineral Show
Jaycee Building, 2180 Airport Rd, Huntsville AL
- 25 Oct '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm



Deadline for Next Newsletter
April 17, 2022

**Dated material
Do not delay**

March 2022

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