



The Rockhounder

February 2017

The purpose of the Gem, Lapidary, and Mineral Society of Montgomery County MD, Inc. is "to increase knowledge and popular interest in earth sciences, geology, mineralogy, paleontology, lapidary arts, and related subjects."

NOTE: Please send any submissions for the March issue of The Rockhounder to Editor Olivia Luzier at editor@glmsmc.com By Sunday, February 26, 2017.

Regular Meeting Announcements

Gary Leaman, Vice President

February Speaker Information:

February Speaker: Chris Luzier

Title of talk:

The Fascination of Fluorescence

This month's speaker will be our own past President and Vice President, Chris Luzier. Chris will be sharing his presentation entitled, "The Fascination of Fluorescence." This will cover a wide range of topics dealing with the world famous Franklin, NJ, and its sister mine, Sterling Hill Mine in nearby Ogdensburg, NJ. The talk will start with the basics of finding your own fluorescent minerals in the area and what is available at the mine dump at the Sterling Hill Mining Museum and the Buckwheat Dump at the Franklin Mineral Museum. Specimens will be available for viewing in daylight and under all three waves of ultraviolet light. This is a fine way to familiarize yourself with the wide variety of minerals available and their respective fluorescent color responses. Chris will also cover mining history, the lore of the area, and the respective fluorescent mineral rarities that drive fluorescent collectors wild! Whether you are new or curious about the fluorescent mineral hobby or are a Franklin fanatic, this presentation will have something for everyone.

Next Regular Meeting:

Date: Monday, February 13, 2017

Time: 7:30 PM

Place:
Rockville Senior Center,
1150 Carnation Drive
Rockville, MD

Next Board of Directors Meeting:

The Board of Directors will meet **7:30 PM on Monday, Feb. 20, 2017** at the home of Jonathan Harris (note location change!). Board members are expected to be there. Any member is welcome to attend, but please let Jonathan know if you plan to attend.

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President's Message

Jonathan G. Harris

Regardless of what happens when groundhog Punxsutawney Phil is yanked out of his home to check for a shadow, the Rockhounds will be emerging from their dens to search for specimens. Some may be flying off to the famous Tuscon Show right now! Our show and other similar shows provide great chances to fill the gaps in your collection.

In the meantime, please see Holly's "Show Time" article on our March annual show. We will need your help in publicizing the show through Facebook accounts and community forums.

Many members have signed up for time slots to help run various functions at our show, but we still need more help to make it a success. Two of the areas we are still short of workers are the youth tables and the cabochon lessons. These programs make our show special, and without volunteers we won't be able to run them. Holly's article has the sign-up instructions.

We also need members to register their exhibits for the show. Sign-up sheets will be available at our February meeting and via email.

I should add that the show is more than just our primary revenue source. It is a great opportunity to serve the community by providing exciting hands-on education to the public and a chance for hobbyists to gather, learn, and fulfill their roles as artists and caretakers of chunks of nature's beauty. Last, but not least, this outreach helps us bring in new members and make new friends.

Thanks to our Program Vice President Gary, we have an great lineup of speakers. In February, our own Chris Luzier will share his expertise on the spectacular fluorescent minerals of the Franklin and Sterling Hill zinc mining district. March will feature a gold panning demonstration. Jeff Post, the curator of the Smithsonian's mineral collection, will dazzle us in April.

Smiles,
Jonathan

Follow us on Facebook at
[https://www.facebook.com/
groups/984241208329511/](https://www.facebook.com/groups/984241208329511/)



GLMSMC Regular Meeting Minutes for January 19, 2017

Chris Luzier

President Jonathan Harris called the meeting to order at 7:48 pm and the meeting was attended by 51 people, comprised of 42 adults and 9 juniors. The December regular meeting minutes were M/S/P and approved with no changes. There was no BOD meeting for December. Jonathan mentioned that Walter Goetz, who was a friend of our Society, passed away recently. Jeff Nagy then explained how Walter had been able to get into the Maryland Mine back in the 1980s when the National Park Service was looking to get some historical information about Maryland's richest gold mine.

Holly McNeil gave a report on the upcoming March Show and had Exhibitor sheets and the volunteer sign-up sheets available. Dave Fryauff talked about the JMU trip with Lance Kearns and also mentioned that he had talked to the Quarry Manager at the Teeter Quarry in Pennsylvania. He mentioned to Dave Fryauff that our group would be the first one in for digging season once the weather breaks. We also welcomed new member, Herbert Close Jr. of Manchester, MD, after it was M/S/P to accept his membership.

The speaker for the evening was professional geologist Jeri Jones from York, Pennsylvania. Jeri did a "hybrid" talk entitled "Did geology play a role in the Gettysburg campaign and how golden is Southeastern Pennsylvania?" Jeri explained how the geology had a simple, yet drastic affect on the outcome of three major Gettysburg battles, including Big Roundtop, Little Roundtop, and Devil's Den. All of these areas were used as vantage points for attack or cover, as they are all diabase, which is considerably harder and less prone to being eroded as the surrounding sedimentary rock. South Mountain is also made of ultra hard, meta-basalt, and meta-rhyolite and the Confederates used these minerals as shields.

The second part of his talk discussed York County gold areas and the fact that every county in Southeast Pennsylvania, including the major metropolis of Philadelphia, have gold. There was gold as well in many of the world famous Pennsylvania mining localities such as French Creek, Cornwall, and Dillsburg. The distribution of gold follows the Peters Creek Formation which goes through York, and the SE counties of Pennsylvania, and terminates in Montgomery County. Jeri's father, Karl Jones and his friend Don Schmerling, were instrumental in the early years of prospecting for gold in Pennsylvania. Panning is the same as at other gold localities, with the gold holding areas associated with magnetite (black sand), settled in the creeks of the Southeast region.

The general door prize and show table prize were administered and awarded by Joel Rosen. Mark Dahlman won the door prize and Nancy Shinowara won the show table prize. The meeting was adjourned at 9:49 pm.

Respectfully submitted by Chris Luzier



GLMSMC Board Meeting Minutes for January 16, 2017

Jeff Cessna

Board Members present: Doug Baum, Jeff Cessna, Tom Dushel, Jonathan Harris, Gary Leaman, Chris Luzier, Holly McNeil, Wendell Mohr, Joel Rosen, and Dave Tiktinsky. Board Members not present: Joel Rosen and Dave Fryauff. President Jonathan Harris called the January 16, 2017 meeting to order at approximately 7:32 pm.

President: A request was submitted to spend Lillian Turner Fund money on items for the Juniors portion of the show, including door prizes. After discussion, it was M/S/P to approve \$325 for the purchases. Unwanted advertising on the Facebook pages was discussed. Doug Baum will remove non-members. Items on the club website were discussed. A group will meet with the new webmaster during next general meeting to offer information, photos, and guidance.

Show: Holly McNeil requested 3 judges for junior cases. Jonathan Harris, Dave Tiktinsky, and Chris Luzier will serve. Jonathan will assist Chris with outdoor signs on Sunday morning. Food service will remain open until 5:00 PM each day. Dealers and members will be encouraged to partake. It was M/S/P to repeat the membership deal for those new members signing up at the show. Status of pre-forms was discussed. Member Steve Heidelberg offered to assist. Gary Leaman has cut additional starting material. Jonathan can assist, but needs machine. Chris Luzier will set up fluorescent tent. Dave Titinsky reported the mailing list updates are complete and discussed mailing schedule. Dealer list and placement were reported. Doug Baum reported on publicity. Holly reported on pending contacts for Libraries and Nature centers.

Treasurer: Tom Dushel reported income from show dealers. All payments are up to date. It was M/S/P to approve the 2017 budget. An auditor will be needed for the 2016 finances.

Membership: Doug Baum reported as of January 9th that the club had 121 adult and 21 youth paid members. This is one member more than last year.

EFMLS Liaison: Wendell Mohr noted there is an upcoming Rockville Science Day, where the club is usually represented. Jonathan will look for members willing to go.

Programs: Upcoming programs, including our very own Chris Luzier, were discussed. A secretary will be needed for the February General and BOD meetings. Chris Luzier was thanked for recording the January 2017 general meeting.

The meeting was adjourned at 8:45 PM, possibly establishing a new record.
Jeff Cessna, Secretary.



Future Rockhounds of America (The MOCKS) Ages 10-15

Mark Dahlman

Next Meeting Date: February 13

Meeting Time: 7:45-9:00 pm

Meeting Location: Sunroom Cafeteria at the Rockville Senior Center

January 9th Meeting:

At our January meeting, we started on the Earth in Space badge. We talked about meteors, meteorites, asteroids, and tektites, as well as how to collect space dust from our roofs. FRA members in attendance started their own meteorite collection with a piece of NWA 869. We discussed the group exhibit for the club show and each member chose a part of the exhibit to work on. Thanks to Jennifer for leading the exhibit activities!

February 13th Meeting:

We'll be continuing the Earth in Space badge activities, as well as working on the group exhibit for our club show. By working on the group exhibit FRA members, can earn their Showmanship badge too. See you at the meeting!

For more information on the Future Rockhounds of America program, please contact Mark Dahlman at <fra_advisor@glmsmc.com> or 301-428-0455.

Show Table for January 19, 2017

NAME	SPECIMEN	LOCATION	SELF-COLLECTED
Diane Leaman	Blue Apatite	Madagascar	From mine
Gary Leaman	Kambaba Jasper	Madagascar	From mine
David Tiktinsky	Cinnabar/Chlorite/ Qtz.	Mariposa, AZ	Self-collected
Barb Burr	Amethyst	Uruguay	Gift shop
Jonathan Harris	Amethyst	Scufflin Acres, Farmville, VA	———

Continued on page 6



Future Rockhounds of America (The MOCKS) Ages 10-15

Continued from page 5

NAME	SPECIMEN	LOCATION	SELF-COLLECTED
King Stablein	Calcite XLS	Joplin, MO	Rock Shop
Steven Calamuci	Rutile & Clinozoiste	Churchville, MD	Self-collected
	Inesite	California	-----
	Blue Coreen	Willis Mt.,VA	Self-collected
Ken Reynolds	Corundum/Ruby	Franklin	Purchase
	Hemimorphite	Sterling Hill	Self-collected
Wendell Mohr	US 2016 100th Anniv. of NPS Coin (Old Faithful)	US Mint	Purchase
Dave Fryauff	Hydromagnesite, Pokrovskite	Hunting Mine Quarry, Trade Rockville, MD	
Nancy Shinowara	Star Sapphire Crystal	?	Won
Joel Rosen	Malachite	Luisha Mine, Katanga Province, D.R. Congo	-----
	Norbergite/Chondrodrite w/ Diopside	Ogdensburg, NJ	-----
George Durland	Chondrodite/Norbergite	Sterling Hill, Ogdensburg,NJ	

General Door Prize:

Azurite w/ Malachite
Liufengshen Mine
Anhui Province, China
Mark Dahlman

Show Door Prize:

Fern Fossil—Abandoned Coal Mine
St. Claire, PA
Donation from Tom Cummins & Mobile Mining Experience
Nancy Shinowara



Show Time

March 18th & 19th are coming soon, here is where we are and what we still need to succeed:

EXHIBITS

We have: 15 spots reserved so far **We need:** another 25 +/- more exhibits from members



If you want to reserve one of the new cases - we have 16 remaining (they are allocated on a first come first served basis).

I hope to receive quite a few exhibit forms at the February meeting – if you can't make the meeting, please either email or snail mail your exhibit form to me. (Form included with this Rockhounder)

VOLUNTEERS

Thank you to everyone who signed up so far, many of you for multiple time slots. We still need quite a bit more help though — areas that are most in need of support are:

The Shop—both days (otherwise it might just look like this):

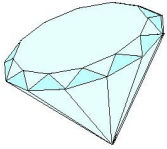


The Kids section on Saturday (Sunday is okay)

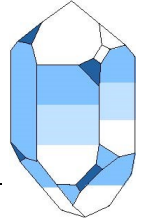


Please consider volunteering — no experience needed—no knowledge needed—every task at the show can be taught to anyone in minutes and there are always many club members around to help with questions. Please either sign up at the Feb. meeting, or email or call me to volunteer or with any questions. ***Thank you, Holly McNeil***

EXHIBIT APPLICATION – DUE 3/1/17



The Gem, Lapidary and Mineral Society of Montgomery County, MD
53rd Annual Gem and Mineral Show
The Montgomery County Fairgrounds, 16 Chestnut St, Gaithersburg MD



Saturday, March 18, 2017 10:00 AM to 6:00 PM *Set up of cases is FRIDAY March 17th 3:00PM – 9:00PM*****

Sunday, March 19, 2017 11:00 AM to 5:00 PM Cases may be taken down no sooner than 5PM Sunday

Name: _____ (Please Print or Type)

Phone: _____ E-Mail: _____

Exhibit Title: _____

TYPE OF DISPLAY (Please Circle) Fluorescent Minerals Indicate: SW / MW / LW or SW /LW

Non –Fluorescent Minerals / Jewelry / Fossils / Other

CASE SELECTION

() I will furnish my own case or free-standing exhibit. Type/size:

() I would like a case furnished. I prefer (check one): () older 'Classic' case and lock () 'New' case with built-in lock. ['New' cases will be locked/unlocked only by designated GLMSMC staff. The 25 'New' cases will be allocated on a 1st come/1st serve basis, one per exhibitor upon request]. Note: Fluorescent exhibits will be in older 'Classic' cases only.

CASE DIMENSIONS

'Classic' cases are 24" deep X 24" high X 48" wide, exterior dimensions; bottom liners should be no more than 23" X 47" and allowance should also be made for reduced side liners.

'New' cases are a bit smaller: 22 5/16" deep X 22 7/8" high X 46 3/8" wide (inner dimensions)

WAIVER

In consideration of the opportunity to exhibit afforded me by the Gem, Lapidary and Mineral Society of Montgomery County, MD, Inc., ("Society") I agree that the Society is neither responsible nor liable for any loss or damage sustained by me or by anyone else as a result of my exhibit. I further agree to hold said Society harmless from any claims arising from my participation in the show to be held March 18- 19, 2017. I understand that all risks are my own and that the Society has no insurance that applies to my exhibit or to me. The Gem, Lapidary and Mineral Society of Montgomery County, MD will provide security during the show.

(Signature of Exhibitor)

(Date)

FORM RETURN

Please return this form ASAP, but no later than March 1, 2017 to: Holly McNeil 22 South Duke St, Rockville 20850
Email:hollybethmcneil@gmail.com (Feel free to return to back of clipboard during meetings)

Note: If you are Demonstrating, you must fill out a separate DEMONSTRATION APPLICATION FORM



Articles of Interest

Dave Fryauff

This website includes information about mineral fluorescence under blue light, along with with access to an important issue of the 2014 Picking Table, which highlights investigations done on blue light fluorescence of Franklin minerals.

<http://www.nightsea.com/does-it-fluoresce/mineral-fluorescence-under-blue-light-hedyphane/>

Upcoming Events

Jonathan Harris

SuperDig 2017: Saturday, April 29, 2017

This is the annual collecting extravaganza in the Franklin-Ogdensburg, NJ Area. This trip is in conjunction with the Franklin Show in the spring.

Wanted for Our Show

Olivia Luzier

Would anyone be able to volunteer to loan us barstools/high back chairs for the instructors to sit on while working at the Shop during our show? If anyone would be willing to donate or loan us some barstools, please contact Andy B. Celmer at abcpec@comcast.net.



Websites of Interest

Wendell C. Mohr

Beginning Guide to Mineral Collecting

By Michael Adamowicz

<<http://www.mindat.org/article.php/509/Beginning+Guide+to+Mineral+Collecting>>

This is an excellent step-by-step approach for beginners as well as the more experienced. Check your knowledge versus the topics he presents.

Terrifying Animals

Nineteen terrifying animals you're glad are extinct. Scope it out!

<[youtube.com/watch?v=J5FrAnWU33s8List=pl1fqWCuxzNyog6nMVpZSqv_-rgfu5oLq](https://www.youtube.com/watch?v=J5FrAnWU33s8List=pl1fqWCuxzNyog6nMVpZSqv_-rgfu5oLq)>

New August Birthstone

<<http://www.jewelers.org/ja/events-news/press-room/616-jewelers-of-america-debuts-spinel-as-an-official-birthstone-for-august>>

Spinel was added as a birthstone for August by the Jewelers of America and the American Gem Trade Association. God does not ordain birthstones, the commercial interests do! The stone joined peridot for the month of August, news that people at National Jeweler happily welcomed. It has been quite some time since a stone has been added to the list (tanzanite was the last in 2002.) While the gemstone may have long been a trade or connoisseur favorite, spinel seems to be a very under-represented and underappreciated stone among consumers. Its status as a birthstone may invigorate both the stone and consumer excitement as they're introduced to something new. Many people can't wait to see how it helps spinel.



A spinel from Omi Gems

Also see <<https://www.americangemsociety.org/en/spinel-overview>>



Upcoming Shows

**SOUTH PENN
ROCK SWAP & SALE
SPRING SWAP**

MAY 6, 2017

SOUTH MT FAIRGROUNDS
WEST OF ARENDSVILLE,
PA

ON ROUTE 234

FOR GPS USE, ADDRESS
615 NARROWS ROAD,
BIGLERVILLE, PA 17307

ADMISSION \$1

STUDENTS FREE

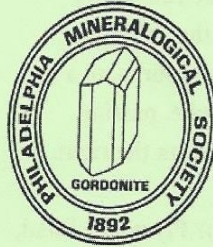
SPONSORED BY CEN PENN &
FRANKLIN CTY

R & M CLUBS

CONTACT:

tsmith1012@comcast.net

MINERAL TREASURES + FOSSIL FAIR



2017 ANNUAL SHOW



The Philadelphia Mineralogical Society and the
Delaware Valley Paleontological Society
present a joint show and sale at the LuLu Temple,
5140 Butler Pike, in Plymouth Meeting, PA.
Just 2 miles from the Norristown exit of the PA Turnpike!

**Saturday, March 25, 10 am to 5 pm
and
Sunday, March 26, 10 am to 4 pm**

Special exhibit by the Academy of Natural Sciences

Fossils, Minerals, Gems, Speakers, and Exhibits!
Learning activities include a Fossil Dig and a Kids' Mineral Corner.
Also – Scouting Merit Badge Information available.
Food and Door Prizes throughout both days.

\$5.00 admission; \$1.00 kids under 12. All uniformed Scouts are free.

Information: www.philamineralsociety.org



Upcoming Shows



Rocks4Kids Jr Education Day

Saturday March 11, 2017

From 10 AM to 3PM

Linglestown Life United Methodist Church

1430 North Mountain Road, Linglestown, PA

Sponsored by the Central Pennsylvania Rock and Mineral Club

www.rockandmineral.org

Experiment, play games, learn interesting facts about rocks, gems and minerals, purchase samples, observe demonstrations, and learn about the mineral rich world we live in!

Participation is limited and therefore on a first come first serve basis. Please sign up early!

Advanced payment of \$5 per participating child will reserve their spot for this special event.

To register:

Go to the website: www.rockandmineral.org

or

Send name(s) and remittance (check or money order) to:

Central PA Rock and Mineral Club

Jr. Education Day Event

PO Box 6271

Harrisburg, PA 17112-0271



Upcoming Shows

Adult Admission \$6 each
 Group with this Ad. All \$5 each
 11 and under Free!



Montgomery County
 Fairgrounds
 GPS: 39°8'44"N
 77°12'22"W
 Building 6
 16 Chestnut Street
 Gaithersburg
 Maryland

March 18-19, 2017
 Sat. 10 am-6 pm
 Sun. 11 am-5 pm

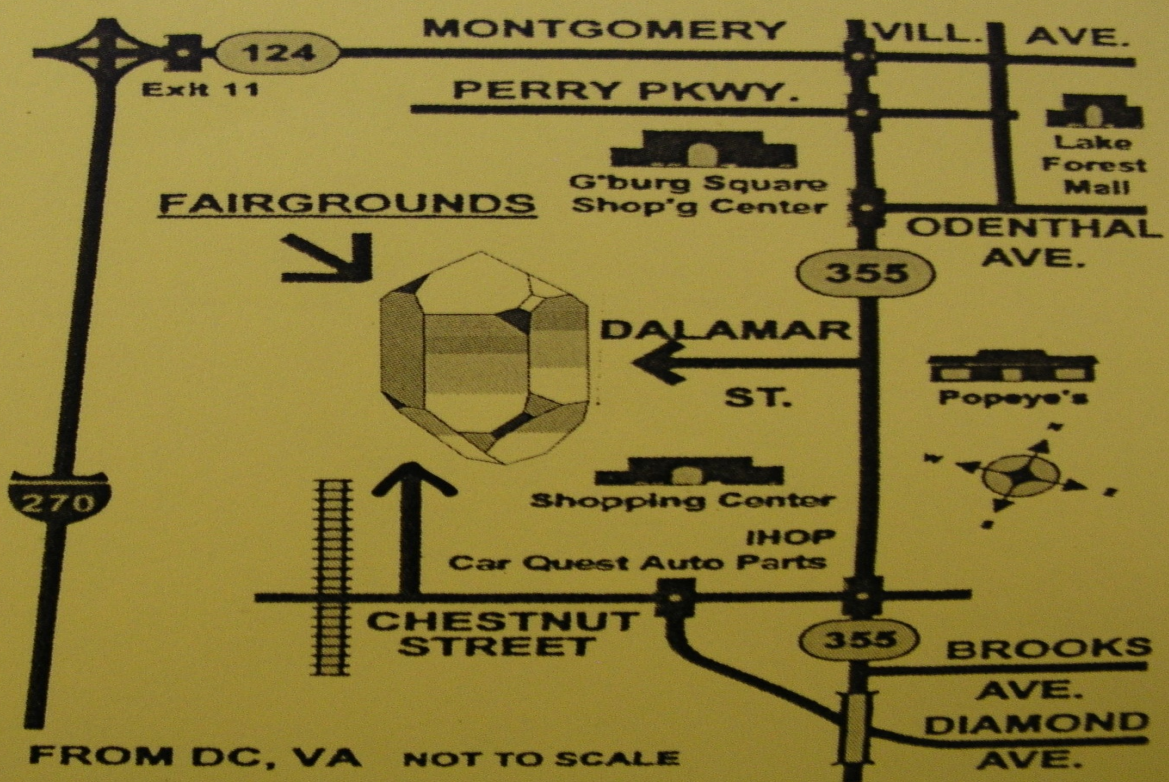
The Gem, Lapidary, and Mineral Society of Montgomery County, MD.

- Featuring:
- | | | |
|----------------------|------------------------------|------------------|
| Door prizes | Free specimens for the kids! | Over 40 exhibits |
| Demonstrations | DIY cabachon making | Raffle |
| Fluorescent minerals | Free kid's mini mine | |

- More than 20 dealers from around the country featuring:
- | | | |
|---------------|------------------|------------|
| Fossils | Jewelry | Beads |
| Minerals | Fluorescents | Meteorites |
| New age items | Gems & gem rough | And more |

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www.glmismc.com





Upcoming Shows



Gem, Mineral & Fossil Show

***** At New Location *****

March 4-5, 2017

Saturday 10:00 am - 5:00 pm

Sunday 11:00 am - 5:00 pm

† TAX FREE SHOPPING †

**** NEW SHOW LOCATION ****

U of Delaware - Wilmington Campus

Arsht Hall

2800 Pennsylvania Ave. (Rt-52)

Wilmington, DE 19806

Show Theme: *Quartz of course*

An Educational Experience for All

Outstanding Minerals & Fossil Dealers

Gem, Jewelry & Lapidary Supplies

Demonstrations, Exhibits & Door Prizes

Jr. Booth for Kids

Adults: \$6.00 (\$1.00 off with this coupon)

Seniors: \$5.00

Juniors (age 12-16): \$4.00

FREE to Children and all Scouts in Uniform

Additional Information @ www.delminsociety.net

Coupon can be Duplicated

If you are planning a trip and want to know what clubs you might be able to visit, it would be worthwhile to visit the American Federation of Mineralogical Societies website. Check out their newsletter archives at <http://www.amfed.org/news/default.htm>.





BOARD OF DIRECTORS

President – Jonathan Harris, 11932 Goya Drive, Potomac, MD 20854-3313, (301-545- 0808)

Vice President – Gary Leaman, 7524 Cinnabar Terrace, Gaithersburg, MD 20879-4577,
(301-963-3702)

Secretary – Jeff Cessna, 12116 Cliftdale Drive, Silver Spring, MD 20904-1941, (301-680-7963)

Treasurer – Tom Dushel, 108 Berrywood Drive, Severna Park MD 21146-2004, (443-514-6734)

Field Trip Chairman – Dave Fryauff, 24109 Sugar Cane Lane, Laytonsville MD 20882-4031,
(301-253-1687)

Membership Chairman – Doug Baum, 11205 Golden Meadow Ct., Germantown, MD 20876-1740,
(301-515-4641)

Downstairs Showchair – Holly McNeil, 22 South Duke Street, Rockville, MD, 20850-1014,
(301-605-7179)

Upstairs Showchair – Dave Tiktinsky, 9209 Laurel Oak Drive, Bethesda, MD 20817-1937,
(301-365-2812)

Property Manager – Joel Rosen, 833 Rampart Way, Union Bridge, MD 21791-9325, (410-775-7937)

Immediate Past President – Chris Luzier, 847 Springdale Drive, Millersville, MD, 21108-1436,
(443-995-5363)

EFMLS Liaison – Wendell Mohr, 9509 Emory Grove Road, Gaithersburg, MD 20877-3501,
(301-926-7190)

Bulletin Editor– Olivia Luzier, 847 Springdale Drive, Millersville, MD 21108-1436
(editor@glmsmc.com)

Life Members: Larry Harrison, Wendell Mohr, Juan Proaño, and George Durland

Society Address: Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc.
P. O. Box 444, Gaithersburg MD 20884-0444

Website: <http://www.glmsmc.com/>

All Society correspondence is to be sent to this address except that which is intended for The Rockhounder and its editor. Such items are to be sent to the editor's email address at editor@glmsmc.com.

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Award Winning Bulletin
EFMLS, AFMS



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**The Rockhounder
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P. O. Box 444, Gaithersburg MD
20884-0444**