



# The Rockhounder

January 2019

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 February issue of The Rockhounder to Editor Olivia Luzier at [editor@glmsmc.com](mailto:editor@glmsmc.com) by Friday, January 25, 2019.

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## Regular Meeting Announcements

Steven Calamuci, Vice President

## January Speaker Information:

**Speaker:** Dave Fryauff

**Title of Talk:**

“Serpentine Rocks and Chromite Deposits of Maryland and Pennsylvania”

Our January speaker is our member Dave Fryauff, who is our current Field Trip Chairman and a past Secretary.

**Speaker Bio: Dave Fryauff**

I was born in St. Paul MN on March 15, 1952. My father was a mine engineer who worked for 3M company's industrial minerals division. This branch of 3M had quarries in a bunch of far-flung places like Corona California, Ontario, Canada, Little Rock Arkansas, Belle Meade NJ, and Wausau, Wisconsin. I got to visit a few of these places as a child and it was in Wausau, Wisconsin that I started collecting rocks, minerals, and fossils. I was kind of crazy about fossils, but unhappy because there were no fossils to be had

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**Next Regular Meeting:**

**Date:** Monday,  
Jan. 14, 2019

**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, Jan. 21, 2019** at the home of Holly (McNeil) Heighes. Board members are expected to be there. Any member is welcome to attend, but please let Holly know if you plan to attend.

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## Speaker Bio: Dave Fryauff

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in Wausau or its vicinity. Just the boring old Wausau Pluton pegmatite We had some nice moonstone, smoky quartz, and feldspar....I also found some good zircons. We moved to New Jersey where I started high school and started taking real science classes. Although I was trending more toward biology, my dad took me up to Franklin and I started to become a rockhound. I spent time working 3M quarry in Belle Meade there through high school and college and managed to find some interesting specimens. I went off to college and pursued a pre-med curriculum, hoping to get into medical school. I spent a year as a foreign student in Bregenz, Austria, and when I came back to the US I enrolled in Rutgers Univ. as a masters degree candidate in entomology (the study of insects). I did pesticide residue analyses and focused on insects that transmitted human diseases. The week I graduated from Rutgers with an MSc, I joined the Peace Corps and spent the next 3 years in Polynesia--The Tonga Islands and Western Samoa where I worked in their Ministries of Health & Agriculture. I also travelled to Fiji and New Zealand and married a Tongan-Samoan girl. Based on the epidemiology I did in Tonga, I was awarded a Public Health Service scholarship and enrolled as a PhD student at the Johns Hopkins Univ. in Baltimore. I continued to study and do research on tropical diseases transmitted by insects and spent 2 years in Liberia, West Africa doing a dissertation on river blindness. I recall being bitten by mosquitoes, tsetse flies, and black flies all in a days work. Mineral collecting was a thing of the past. I received a PhD from Hopkins and soon after was commissioned a LT in the USN. The Navy sent me to its premier overseas research lab, NAMRU-3, based in Cairo Egypt where the desert was littered with fossils and remnants of stone age villages, but most of my time was spent diving in the coral reefs of the Red Sea. The Navy assigned me to its medical lab in Jakarta, Indonesia where I focused on malaria drug and vaccine studies. The Navy pulled me back to the US in 2000 where I continued to do malaria lab and field studies. I was fortunate to spend extended periods of time working in Ghana (West Africa), and Peru (South America). Peru opened my eyes to the amazing beauty of minerals, and I started to bring specimens home that I bought from miners. I visited the Montgomery County mineral show back in 2011 and met Fred Parker who started to get me excited about mineral collecting in MD, PA, & VA. I think I joined the GLMSMC in 2012. I was already a microbiologist and soon realized that the majority of the earth's 6-7000 mineral species can be visualized by a microscope. As a result I joined the Micromineralogists of the National Capital Area (MNCA) in 2013. I retired from the USN in 2014 and worked for a short time as a consultant. I love field collecting minerals and fossils and I love travelling. My favorite minerals are the zeolites, many of which I personally collected during my time working in the 3M quarry in Belle Meade, NJ. My database lists 3350 mineral specimens, the majority of which are micromounts or thumbnail-size. I think I have over 1000 different mineral species, most of which are in their naturally occurring crystal forms.



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**President's Message**

**Ken Reynolds**

Hello Rockhounds,

Happy New Year and welcome to January 2019!

This month should be a busy one for our club. First, we have our regular meeting on January 14th, which seems to come late in the month, followed up by our Mineral Auction January 19th. The material for the auction comes from the estate of a long time collector with many large and small cabinet-size specimens from all over the world, including some old closed locations; hopefully everyone saved some money, because I'm sure there will be some great buys!! Be sure to get there early, with the viewing starts at 9 AM to give everyone a chance to look over the items to bid on. Most of the material will be auctioned off in flats while some of the better choice specimens will be auctioned off as single items. The live auction will start at 10 AM and should wrap up by 4 PM. I'm very excited and I'm sure it will be a great time for all attending, so please join us!!

Our club show in March gets closer and closer and March will be upon us soon!

Ken Reynolds, President

Follow us on Facebook at

[https://www.facebook.com/  
groups/984241208329511/](https://www.facebook.com/groups/984241208329511/)



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## GLMSMC Board Meeting Minutes

There was no Board meeting for the month of December.

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### GLMSMC Regular Meeting Minutes from December 10, 2018

Holly (McNeil) Heighes

The December 10, 2018 meeting was called to order by President Ken Reynolds at 7:42 PM with approximately 32 adults and 5 junior members attending.

**Minutes:**

*Motion to accept the minutes of the November 19, 2018 regular meeting, seconded and passed.*

*Motion to accept the minutes from the November 12th Board meeting, seconded and passed.*

**Officer Election:** The slate of candidates were read as follows:

President: Ken Reynolds

Vice President: Steven Calamuci

Treasurer: Holly (McNeil) Heighes

Secretary: Karen Lottes

*As no other candidates came forward or were nominated from the floor, Joel made a motion to accept the slate of officers by acclamation; the motion was seconded and passed.*

**Downstairs Show Chairman:** Chris Luzier announced that the forms were available for those who wished to exhibit or demonstrate at our annual show on March 16th and 17th. Chris further announced that the sheets for volunteers to sign up were also available; he mentioned we had a good start of sign ups at the November meeting!

**Auction:** Chris reminded the group of the auction, scheduled for January 19th at the Senior Center. As of now, it looks like there will be over 100 lots of high quality specimens.

**Upstairs Show Chairman:** Dave Tiktinsky announced that, with one exception, all the dealers from our 2018 show have expressed a wish to return for 2019 and that he has sent out the appropriate contracts.

**Treasurer:** Holly Heighes announced that the auction held during our November meeting earned \$448 dollars for the Future Rockhounds of America program and that we have given our usual year-end thank-you gift to the staff at the Senior Center that helps with our meeting room set up.

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## GLMSMC Regular Meeting Minutes from December 10, 2018

Holly (McNeil) Heighes

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**Field Trip Chairman:** Dave Fryauff provided an update on the recent trip to the Vulcan Manassas Quarry.

**Property Manager:** Joel Rosen announced that he would conduct the gift exchange and door prize at approximately 8:30 PM.

The business meeting concluded at 7:47 PM and it was M/S/P to adjourn to start the Holiday Party.

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## Pictures from the December 10, 2018 Regular Meeting/Holiday Party

Holly Heighes

*Photos courtesy of Bart Teems*



Another successful pot luck party with plenty of food.

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Pictures from the December Holiday Party (Cont'd)

Holly Heighes

Photos courtesy of Bart Teems

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Some festive holiday attire...



The Future Rockhounds had a brief meeting of their own and then joined the rest of the group.



An enjoyable gift exchange (with perhaps one or two surprises), presided over by Joel Rosen.



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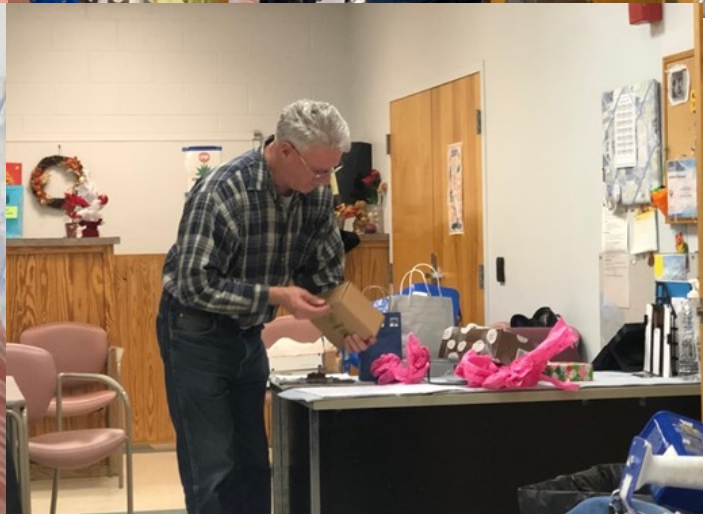


Pictures from the December Holiday Party (Cont'd)

Holly Heighes

Photos courtesy of Bart Teems

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Continued on page 8



Pictures from the December Holiday Party (Cont'd)

Holly Heighes

*Photos courtesy of Bart Teems*

*Continued from page 7*



Chuck Mason won the lapidary door prize.

Some other scenes from the party. See you in January!



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Pictures from the December Holiday Party (Cont'd)

Holly Heighes

*Photos courtesy of Bart Teems*

*Continued from page 8*



**Sunshine Note**

Holly Heighes

Our best wishes for the further recovery of Susan Harris!



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

Mark Dahlman

**Next Meeting Date:** January 14th

**Meeting Time:** 7:45-9:00 PM

**Meeting Location:** Sunroom Cafeteria at the Rockville Senior Center

### December 10th Meeting:

We held our annual Yankee Swap at the December meeting with all the twists and turns that come with it. FRA members also did some sand mounting for the World In Miniature badge and, of course, we also enjoyed the holiday party food.

### January 14th Meeting:

FRA members, please bring your loupes and a count of how many micros (< 1" boxes), how many thumbnails (1" – 1.5" boxes), and how many perkies (2" boxes) you already have so we know what you need to complete the World in Miniature badge. We will be finishing our work on the badge this month by doing more micromounting to fill out FRA members' collections. We will also be discussing the group exhibit for the upcoming club show. See you there!

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

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## Pictures from the Vulcan Manassas Quarry Field Trip



*Photos courtesy of Sam Linton*

Galena cube...width of pencil lead  
(pun intended).

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Pictures from the Vulcan Manassas Quarry Field Trip (Cont'd)

Photos courtesy of Sam Linton

*Continued from page 10*



Calcite spheres

Second calcite crystal piece... Teeny spheres and one big cube.



Stilbite on prehnite

The Gem Lapidary and Mineral Society of Montgomery County



## We're having an **AUCTION!**

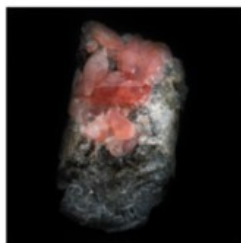
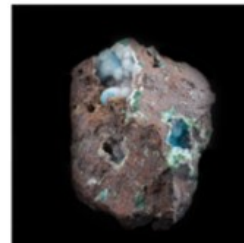
Vast quantity of specimens from the estate of a longtime collection -- **many museum quality minerals**, large and small cabinet sized from all over the world, including some closed locations. Some specimens are in their original wrapping. *Open to all – Please join us.*



**Saturday January 19, 2019. 9:00am auction preview 10:00am live auction starts**  
*note: payment to be made in cash or credit card*

**Rockville Senior Center, 1150 Carnation Dr., Rockville MD 20850**

*\*This is more material from the collection seen at our April 2018 Auction that was so popular\*.*



*Additional information and pictures will be posted on [GLMSMC.com](http://GLMSMC.com) and on our FaceBook page as we get closer to the auction date. We expect to auction hundreds of specimens, many in bulk lots.*



Upcoming Shows

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

**March 16-17, 2019**  
**Sat. 10 am-6 pm**  
**Sun. 11 am-5 pm**

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

Featuring:  
Door prizes  
Demonstrations  
Fluorescent minerals

More than 20 dealers from around the country featuring:  
Fossils  
Minerals  
New age items

www.glmsmc.com

**53rd Annual Gem-Mineral-Fossil Show**

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

Over 40 exhibits  
Raffle  
**GPAA Gold Panning**

Beads  
Meteorites  
And more

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FROM DC, VA NOT TO SCALE

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** – Ken Reynolds

**Vice President** – Steven Calamuci

**Secretary** – Karen Lottes

**Treasurer** – Holly McNeil

**Field Trip Chairman** – Dave Fryauff

**Membership Chairman** – Doug Baum

**Downstairs Showchair** – Chris Luzier

**Upstairs Showchair** – Dave Tiktinsky

**Property Manager** – Joel Rosen

**Immediate Past President** – Jonathan Harris

**EFMLS Liaison** – Wendell Mohr

**Bulletin Editor**– Olivia Luzier

**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](mailto:editor@glmsmc.com).

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Award Winning Bulletin  
EFMLS, AFMS



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