



# The Rockhounder

November 2018

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 December issue of The Rockhounder to Editor Olivia Luzier at [editor@glmsmc.com](mailto:editor@glmsmc.com) by Tuesday, November 27, 2018.

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## Regular Meeting Announcements

Steven Calamuci, Vice President

## November Speaker Information:

**Speaker:** Chris Luzier

### Title of Talk:

“Franklin and Sterling Hill Mine: A Primer on a World Famous Locality and the Fluorescent Mineral Hobby”

Our November speaker will be our Past President and Downstairs Showchair, Chris Luzier, whose talk is titled "Franklin and Sterling Hill Mine: A Primer on a World Famous Locality and the Fluorescent Mineral Hobby." The presentation will cover not only the Franklin/Sterling Hill District's famous fluorescent mineral species, but also its variety of unique mineral species, fine crystallized specimens, and extreme rarities. It will also cover the basics for beginner fluorescent mineral enthusiasts and information for the true Franklin fanatic. Chris will cover the ultraviolet lamps that are available to the collector community and their major differences, lamp suppliers, and the three waves of ultraviolet light that

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### Next Regular Meeting:

**Date:**  
Monday,  
Nov. 19, 2018

**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, Nov. 12, 2018** at the home of Holly McNeil. 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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**November Speaker Information (Cont'd)**

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have the most interest to fluorescent mineral collectors. Also discussed are the mineral clubs and organizations, such as the Franklin Ogdensburg Mineralogical Society (FOMS) and the Fluorescent Mineral Society (FMS) and their respective events through the year, along with night dig events and field trip opportunities as well.

The fluorescent mineral hobby is incredibly accessible to any curious observer, especially at this time more than ever. Technology for ultraviolet lamps is advancing incredibly quickly and lamp prices have become considerably lower with the lamps becoming more and more powerful with the advent of LED technology and other advances. This presentation is an updated version of Chris's original Franklin talk and is loaded with new pictures and information. If you are curious about what all the fluorescent mineral buzz is about, this is the presentation to see and it is the time to start collecting your own fluorescent specimens!!

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## **President's Message**

Ken Reynolds

Hello Rockhounds,

Since joining GLMSMC, I have been hooked on fluorescent minerals. I am a regular at Franklin and Ogdensburg, NJ, and a full fledged member in the Franklin Ogdensburg Mineral Society (FOMS), but had never been to "Ultraviolation," a fluorescent mineral show that is held annually in Fairless Hills, PA. All that changed this year when I attended my first show on October 27.

The drive there was about 3-3 1/2 hours for me. I arrived at the Methodist church where the show is held and was pleasantly surprised when I walked in and saw about 20 dealers, half of which I already knew. Among them were our club members, Chris Luzier and Mark Dahlman, who were selling fluorescent minerals. Several of my friends from Franklin were also selling so I felt right at home! :)

The show had something different than any other mineral show I had ever been to—they had alternating periods of "Lights on, lights off." Since it was a fluorescent mineral show, it made perfect sense and was a lot of fun! I was able to walk around and look at all the fluorescent minerals in the

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## President's Message

Ken Reynolds

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dark. Most dealers had their display lights and I had my portable light and convoy long wave light to view fluorescent minerals in the dark. Then the announcement was made for the lights to come back on and the lights came on for a period so you could look and see the minerals in daylight and make your deals.

There were a lot of dealers selling Franklin/Sterling Hill material and dealers selling fluorescent minerals from all over the world. There was one dealer who just had minerals from Greenland! I ended up buying 2 Tugtupite pieces, Terlingua Texas Calcite, and of course, a couple of Franklin pieces!! All in all, it was a fantastic time and I will definitely be returning next year. I highly recommend it to anyone who enjoys fluorescent minerals.

Rock on!!

Ken Reynolds, President



Photo courtesy of Ken Reynolds



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## GLMSMC Regular Meeting Minutes for October 8, 2018

Karen Lottes

Ken called meeting to order at 7:42 PM. There were 43 people in attendance.

**Announcements:** Tim Morgan from DCGLMS announced their annual show and auction is Sunday, October 28 from 21-4 at the Bethesda Women's Club. They have substantial material from two estates.

**Business:** No corrections to either the meeting or board minutes. Both passed unanimously. Holly announced that there has been an influx of membership fees and the Board will be working on the budget over the next two meetings.

**Reminder that in November, the regular meeting will be on November 19 and the Board will meet on November 12.**

Chris said that there was a lost and found item from the last meeting and that he will soon start asking for volunteers for the show. The Ultravioletation show is October 27th in PA.

Doug announced new members Aurora and Maya Sanchez, and Moia. Membership approved by the members. He has membership cards and discount coupons for the March show. Please see membership announcement on page \_\_\_ of this month's issue of The Rockhounder.

Joel shared information about the door and show table prizes.

Dave announced the micro conference is scheduled for October 19-21 in Baltimore. There is a tentative date of November 10 for a collecting trip to Vulcan Manassas Quarry.

**Speaker:**

**Jack Slagle on "Minerals of Pennsylvania: Selected Eye Candy & Rarities"**

Jake gave an overview of minerals of Pennsylvania. He showed some impressive examples of different types of minerals from around the state including corundum, wavelite, wulfenite, and others.

There was an auction following the break.

Adjourned at 10:00 PM.



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## GLMSMC BOD Meeting Minutes from October 15, 2018

Karen Lottes

Meeting called to order at 7:35 PM.

**Board members present:** Joel, Steve, Dave F, Gary, Chris, Dave T, Ken, Holly, Doug, Karen

**Non-Board members present:** Reed

Reed gave a presentation on how we can update the admission and door prize tables for the show to make it automated. Board especially interested in how to get emails submitted through door prizes to be entered automatically. Discussion included equipment and costs, advantages and disadvantages.

**Chris moved that we approve Reed's idea for computerizing the admissions table and provide up to \$400 for equipment. Joel seconded. Passed.**

**Poster Discussion:** Steve brought up that other shows have a (potentially) collectible poster. He has taken some high resolution images that would look beautiful on a poster. He will look into possible cost and design and get back to us.

**Budget:** Holly presented the proposed 2019 budget.

**Moved to accept the 2019 budget as proposed. Joel seconded. Passed unanimously.**

Discussion about where the group should make donations from the 2018 budget.

**Chris moved the group donate \$2,500 from the 2018 budget to the Smithsonian. Seconded. Passed.**

**Dave F moved to donate \$500 from the 2018 budget to the JMU Dept of Geology. Seconded. Passed.**

**Membership:** Doug says that membership is down. Not a lot, but something to watch. He also said he had a lot of club patches.

**Doug moved that we have a special on patches and take the price to \$1. Holly seconded. Passed. Joel moved we give every junior member a patch free. Seconded and passed.**

**Rockville Auction:** Dave T said we have 70-80 flats already separated out. He also pulled the special items that we'll photograph and promote as he was sorting. It should make things easier. He will make another date to sort soon.

**Need to reserve the Senior Center for January 12, 2019 for the auction. [Follow-up: We could not get the Senior Center for the auction on 1/12. Had to do it for the following week, the 19th.]**

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## GLMSMC BOD Meeting Minutes from September 17, 2018

Karen Lottes

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**Other Auctions:** Gary, Jonathan, and Chris all have donated material for the club to auction. They will each put together some flats to have at the next meeting to auction.

**Email Issues:** Karen isn't getting all the club emails. Could be a problem with Yahoo.

**Speakers:** Steve is working on a speaker for next month.

**Field Trips:** Dave F said there will be a change in the date for the Manassas field trip. He was just told that Allegheny Aggregate will no longer allow collection.

Meeting adjourned at 9:34 PM.

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

Mark Dahlman

**Next Meeting Date:** November 12th      **Meeting Time:** 7:45-9:00pm

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

**October 6th Field Trip:**

Some of the World in Miniature activities involve fossils and sand so we had a field trip to Brownies Beach in October. It was a great day to be out between the bay and the Calvert Cliffs. We found a lot of shark teeth, ray plates, and of course, seed beads. Thanks to Mr. Luzier, who was there to help us find and identify the fossils at this world-renowned location.

**October 8th Meeting:**

We continued the World In Miniature badge in October. Mr. Dahlman presented slides about selecting, cleaning, and mounting small specimens, and we mounted some of the wulfenite Mr. Haynes sent us.

**November 12th Meeting:**

We have a special guest speaker in November. Mr. Michael Colella will show us the surprising variety of sand and tell us about sand collecting. We'll do some sand mounting too which is one of the badge activities. FRA members: please bring your loupes. We'll also have our door prize drawings as usual. It should be a good meeting—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.



## A Message from Your Downstairs Showchair

Chris Luzier

We are rapidly approaching a very busy time of year with all of the holidays and I wanted to put what we have coming up on your radar. First up, this is the time where we start all the preparations for our upcoming March 2019 Show. Soon the Board will begin to ask for our volunteers to start signing up for their show slots and the Exhibitors and Demonstrators to take up their respective showcases and tables. The Lapidary shop will, as always, need plenty of volunteers. The new computer system that our member Reed Owens developed last year will be back in service and we thank him for its added value to the shop and its efficiency.

Also, we have set the date for our next major auction, which will be more of the material from our very popular spring auction that we had this year. There was excellent material to be had, competitive bidding, and some real bargains as well! This auction is scheduled for Saturday, January 19th at the Rockville Senior Center, where we had the auction this spring. The viewing will start at 9:00 AM, with the live auction starting promptly at 10:00 AM. We are looking to have the auction completed by 2:00 PM and have a wonderful crowd of bidders. We could also use help with the Friday afternoon/evening set-up as well. Please notify any Board member if you can be of help.

Speaking of auctions, we will also be having a small auction that will be happening at the November Regular meeting on Monday the 19th (please note the date change as well for the Regular meeting). The Board meeting will switch this month with the Regular meeting on Monday, as the Senior Center is closed on November 12th for Veterans Day.

This small auction will have some excellent material available (see pictures below), as we have three



Photos courtesy of Chris Luzier

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**A Message from Your Downstairs Showchair (Cont'd)**

Chris Luzier

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separate lots of individual jars of Australian Fire Opal, three large specimens of Tiger Eye (including a blue Tiger Eye specimen), and half a dozen lots of very fine Franklin and Sterling Hill fluorescent minerals including Hardystonites, Clinohedrites, some fluorescent Bustamites, and many other species as well. This is a great time to get a starter collection of fluorescent minerals going with many fine examples in each lot.

Special thanks go to Mimi Doane for the Fire Opal donations and to Sue Marcus from the Northern Virginia Mineral group for the fluorescent mineral donations. The proceeds of both of these donations will benefit the FRA. On a side note, all of the fluorescent mineral material is from Tom Warren, who was the inventor of the first UV lamp all the way back before World War II. He was a prolific dealer who was based on the West Coast and provided many tons of minerals to generations of collectors.

See you on the 19th for the Regular Meeting!

Follow us on Facebook at

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





Pictures from the October 8th Regular Meeting



Photos courtesy of Steve Calamuci

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Pictures from the October 8th Regular Meeting (Cont'd)



Photos courtesy of Steve Calamuci



Show Table for October 8th Regular Meeting

\*\* denotes self-collected

NAME	SPECIMEN	LOCALITY
Jeff Cessna	Meta-rhyolite Breccia	Buchanan Valley, Franklin Township, Adams County, PA
	Margarosanite, Willemite, Clinohedrite	Parker Shaft, Franklin, NJ
Ken Reynolds	Opal	Dyer Quarry, Berks County, PA
	Celestite	Meckley's Quarry, PA
Gary Leaman	Macedonian Ruby	Macedonia
Diane Leaman	Kyanite	Doce Valley, Minas Gerais, Brazil
Frances Becker	Macedonian Marble	Macedonia
Doug Baum	Tourmaline Crystals	Minas Gerais, Brazil
Joel Rosen	Calcite	Cavic, Romania
Nancy Shinowara	Fossil Whale Inner Ear	South Carolina
Katie Seitz	Flint slab from Poland	Poland
George Durland	Calcite	Fairfield Middle Creek Quarry, Winfield, PA
	Brucite	Lancaster County, PA
King Stablein	Quartz (?) Balls	Virginia
Steven Calamuci	Malachite	Mexico
	Beryl	Namibia
Dave Fryauff	Actinolite, Norbergite	Sterling Hill, NJ
	Fluoborite	Sterling Hill, NJ
Don Greaves	Hardystonite, Willemite, & Franklinite**	Franklin, NJ
Chuck Mason	Calcite, Willemite, Franklinite	Road side, Franklin, NJ

**Door Prizes:**

**General Door Prize:** *Amethyst (vug) from Brazil*

Won by Jeff Cessna

**Show Table Door Prize:** *Azurite from Chen Zhou, Hunan, China*

Won by Frances Becker



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## 2018-2019 Membership Payments

Doug Baum

Most have already sent on their 2018-2019 membership payment. Feel free to mail me \$20 for family and \$15 for Individuals made out to GLMSMC before our November meeting.

Send a self-addresses stamped envelope and I will mail back your membership cards. Send to:

Douglas Baum  
11205 Golden Meadow Court  
Germantown Maryland 20876

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## Field Trip News

Dave Fryauff

I would like to announce that **the last GLMSMC field trip of the year** will be held on Saturday, Dec. 1st at the Vulcan Manassas quarry from 8 am until 12 noon. Be there at 7:30 for safety brief and sign-in with our host, KT. Standard safety gear required: shatter-proof eye protection, helmets, steel-toed shoes/boots. Children over 10 years old are permitted with the same safety gear and with a parent/guardian present.

All those attending must bring the signed and dated assumption of risks waiver. These forms will be collected from each person present.

Please RSVP to me by email <fryauffdj@gmail.com> by Wed., Nov. 28th.

Thanks!

Field Trip Pictures

Sam Linton



This is onyx (chert) surrounded by calcite from Mt. Pleasant Mills Quarry, Sept. 2018.

Fluorite exposed using muriatic acid from Mt. Pleasant Mills Quarry.



Calcite plate 20" long from Mt Pleasant Mills Quarry, Sept. 2018



## Upcoming Shows



### FLUORESCENT MINERAL SOCIETY MEETING

*Saturday, December 1, 2018*

**9 AM to 4 PM at the GeoTech Center of the  
Sterling Hill Mining Museum, Ogdensburg, NJ**

#### *A PARTIAL LIST OF FEATURES:*

**Mark Weller, Ph.D.**, one of the world's leading materials chemists, will teach us that *Studying Fluorescent Minerals Leads to the Design and Application of New Useful Materials*. A display of tenebrescent minerals will accompany Mark's talk.

**Harold "Fritz" Moritz** has been studying the geology and mineralogy of Connecticut his entire life, and will take us on a tour of *The Extraordinary Old Mine Park Area of Trumbull, CT*. A display of scheelite from Trumbull and around the world will be on display.

**Glenn Waychunas, Ph. D.**, will introduce us to the physical chemistry and physics of fluorescent minerals in his talk *Luminescence Mechanisms and Timeframes, or What the Heck is Afterglow?* One feature of Glenn's discussion will be sphalerite luminescence, so bring your best examples.

An illustrious and distinguished panel of well-known experts including **Dr. Steve Kuitems**, **NERF President Lee McIlvaine**, and **Dr. Bob Fendrich** will lead us in a serious exploration of *What Am I Going to Do with All These Rocks*.

**Ken St John** will bring us up to date on the development of our field collecting branch, *UVNomads*.

#### *ALL DAY MINERAL TRADE-A-THON EXTRAVAGANZA!*

The NE FMS Lunch Players will perform their usual culinary magic- \$10  
*B.Y.O.Beer*

***RSVP REQUIRED*** FOR ATTENDANCE

E-mail Howie Green at [howie@uvminerals.org](mailto:howie@uvminerals.org)



## Upcoming Shows



Presented by The Northern Virginia Club, Inc.

[www.novamineralclub.org](http://www.novamineralclub.org)

Sponsored by the Dept. of Atmospheric, Oceanic and Earth Sciences at GMU

Date: November 17 & 18, 2018

Place: The Hub Ballroom  
George Mason University Campus  
Braddock Rd. & Route 123, Fairfax, VA

Hours: Saturday 10am-6pm, Sunday 10am-4pm

Admission: Adults: \$6, Seniors: \$4, Teens (13-17): \$3  
Children 12 & under, Scouts in uniform,  
and GMU Students w/valid ID are FREE.

**\$1 OFF**  
Adult admission  
with this card  
(applies to all adults  
+ seniors in your  
group)

Demonstrations, Exhibits, and Door Prizes. Mini-mines for children to dig in and get free fossils and minerals.  
Over 20 Dealers with Fossils, Minerals, Crystals and Gems for sale.

*Use Parking lot A, enter Lot A from Nottaway River Lane.  
Look for our Courtesy Shuttle to Mineral Show*

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  
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