



# The Rockhounder

January 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 February issue of The Rockhounder to Editor Olivia Luzier at [editor@glmsmc.com](mailto:editor@glmsmc.com) by Saturday, January 28, 2017.

## Regular Meeting Announcements

Gary Leaman, Vice President

## January Speaker Information:

**January Speaker:** Jeri Jones

### Title of talk:

Did Geology Affect the Gettysburg Campaign and How Golden is Southeastern Pennsylvania?

The largest battle fought on United States soil occurred north of the Mason-Dixon Line in Gettysburg, Pennsylvania. Thousands of troops representing the Union and Confederate armies battled for three days in very hot and humid temperatures. From the Confederate movement through South Mountain to the west; the day 2 fighting around Devil's Den; Little Round Top; and finally, Pickett's Charge, geology played a huge role in deciding the victory for the Union. The higher ground and rocky surfaces on the battlefield are composed of a hard, very resistant rock known as diabase, which does not allow any trenching to be done for protection. The famous "fish hook" made by the Union outlined these higher elevations. The climax of the battle, Pickett's Charge, saw 15,000 Confederate troops walk off one diabase dike, through the valley of soft rocks, and back up onto another

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### Next Regular Meeting:

**Date:** Monday, January 9, 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, Jan. 16, 2017** 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.

### Inside this issue:

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**Speaker Information (Cont'd)**

diabase intrusion at the High Water Mark. Clearly, geology played a role in the decisive battle.

Another glimpse of history will also be covered in this program. The early 1800's discovery of gold in southeastern Pennsylvania created a mini gold rush, well before the North Carolina and California production. Gold has been collected in every county in southeastern Pennsylvania including the town of Philadelphia. Gold miners who were laid off of their jobs along the Great Falls on the Potomac migrated into York County in search of rich gold veins. Bethlehem Steel Company, while operating the famous Cornwall Mines in Lebanon County, discovered gold that they used to their economic benefit. Recreational panners still search the streams in these areas for the precious metal.

Jeri Jones, a native of York, attended Catawba College in North Carolina and earned his degree in Geoarchaeology. Jeri owns Jones Geological Services in Spring Grove, PA, where he studies the geology of southeastern Pennsylvania. With his 37 years of research, Jeri leads groups on field trips and acts as a consultant to several area quarries. He has traveled throughout the country, conducting field trips and programs for all ages. He conducts classes on a regular basis for the OLLI program at Penn State-York. He previously taught at HACC-Gettysburg, York College of Pennsylvania, and Messiah College. He received the Digman Award for Geologic Excellence from the Eastern Chapter of the National Association of Geoscience Teachers. His interests include mining history, geologic history, groundwater resources, and southeastern Pennsylvania earthquakes. He has authored four books, narrated a geologic education video series, and written numerous articles. He is currently an author for the "World Book of Slate" to be published by the London Geological Society in 2017 and a Pennsylvania Geology kids book.

Jeri will be bringing with him CDs for sale; one is his latest book, *TimeWalk*, the geologic history of Adams, Lancaster, and York Counties. The CD is only \$10.00.

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**President's Message**

Jonathan G. Harris

Rockhounters: Happy 2017. Our Show is now less than three months away. A hearty thank-you to those Rockhounters who have already signed up for time slots to work at the Show. We still need many more to sign up soon so that we can be confident that we have enough helpers to staff all of the activities, as well as set-up and take-down. Our Show stands out for being more than just a great chance to buy specimens from dealers; we engage our community with a range of activities—hands-on jewelry making with the cab machines, demonstrations, a large number of exhibits from members, and

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## President's Message (Cont'd)

Jonathan G. Harris

a spectacular fluorescent mineral tent. The dedication of our membership is what makes this possible.

More immediately, we need members to help cut cabochon pre-forms. Having a stock of pre-forms is essential to providing the cabochon classes at our Show and volunteers who make pre-forms get to borrow a piece of club equipment on which they can cut some of their own material. The club provides the raw materials. Please contact Andy (abcpec@comcast.net ) or me (jgharris7@gmail.com) if you are interested in this opportunity to help out.

Also, take advantage of our Show as an opportunity to display your passion by signing up to present an exhibit. The exhibits are a great way to show friends and community members the interesting and unique collections that you have built. Now is the time to start organizing your exhibit and submitting your requests to Holly.

The Eastern Federation provides a great opportunity to learn how to make some of the gems you see in the exhibits and demonstrations—the Wildacres Workshop. This spring, it is May 22-28 and information including registration is available at <http://efmls-wildacres.org/>. Classes include beading, gemology, mineral identification, silver-smithing, and several other jewelry-making skills. We have a budget that the Board can use for partial scholarships for members who agree to write or present to the club on their Wildacres experience. Please let me know if you are interested for consideration.

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## GLMSMC Regular Meeting Minutes for December 12, 2016

Jeff Cessna

The December 12, 2016 meeting was called to order by President Jonathan Harris at 7:44 pm. There were approximately 45 people in attendance. It was M/S/P to approve the minutes of the November 14, 2016 regular meeting. It was M/S/P to approve the minutes of the November 21, 2016 Board meeting minutes.

**President:** Jonathan Harris announced a silent auction for the evening and noted that he had brought some minerals to give away.

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**GLMSMC Regular Meeting Minutes for December 12, 2016**

**(Cont'd)**

**Show:** Holly McNeil requested members sign up to volunteer at the Show and to exhibit.

**FRA:** Mark Dahlman announced several badges earned by the MOCKS in the areas of Rocks and Minerals and Fluorescent Minerals.

**Field Trips:** An upcoming field trip to JMU was announced.

Mary Brill, paleontologist from Mobile Mining Experience, discussed an upcoming open house to see their educational materials and tour the warehouse.

**EFMLS Liaison:** Wendell Mohr introduced son and visitor Brad Mohr.

Joel Rosen administered the door prizes.

**Adjournment:** It was M/S/P to adjourn the meeting at 7:57 PM and proceed with the holiday party.

The meeting was briefly reconvened for the following business. It was M/S/P to accept the membership of Dana Carpenter from Adamstown, MD.

Jeff Cessna, Secretary.

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**GLMSMC Regular Meeting Minutes for December 19, 2016**

There was no Board meeting for the month of December.



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

Mark Dahlman

**Next Meeting Date:** January 9

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

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

### December 12th Meeting:

At the club's holiday party, the FRA members present received the badges they earned this fall. We had a short "Yankee Swap" and then we joined the holiday party in the main meeting room.

### January 9th Meeting:

We'll be starting the Earth in Space badge, learning about meteorites and meteorite collecting (one of Mr. Dahlman's favorite topics). FRA members should decide on the exhibit they want to put in to our club's Show in March (there are significant cash prizes for junior exhibits) and submit their exhibit form during our January meeting. We'll also be starting our group exhibit for the Show so everyone can earn their Showmanship badge too. 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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## Wildacres Information

Chris Luzier

I wanted to pass on the information from the EFMLS's Carolyn Weinberger that the class schedule for Wildacres has been released and registration is now open as well with the beginning of the new year. Registration for the sessions opened January 1st and space in classes is limited, so it behooves you to register early. Cost for this year is now \$410 (Wildacres has raised their fee), but considering that this includes your room and board, access to our classes, and gratuity for the retreat staff, it's still a bargain.

The spring speaker will be none other than Bob Jones. Now 90 years of age, Bob hasn't slowed down much and remains a fabulous speaker. If you've never attended a session with Bob, we encourage you to do so. You'll be delighted with his talks, and with getting to know him during the week. In the fall, we'll have Tim Morgan as our speaker. You can read about Tim on the EFMLS Wildacres website ([efmls.wildacres.org](http://efmls.wildacres.org)) and for all of the needed information about the classes and registration. I will have the same information available at the upcoming meeting as well for your perusal.

See you at the meeting!

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



Pictures from the December 12, 2016 Christmas Party



*Continued on page 8*

Pictures courtesy of Holly McNeil



Pictures from the December 12, 2016 Christmas Party (Cont'd)



Pictures courtesy of Jonathan Harris





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## Field Trip News

Dave Fryauff

Dear All:

Please mark your calendars for this event!

Dr. Lance Kearns has invited the GLMSMC and Southern MD clubs down to the James Madison University (JMU) Geology Dept on Saturday, Jan. 7th, 2017 from 9am until noon. The address is Memorial Hall, 395 S. High Street, Harrisonburg, VA, and the entrance to the Geology Department is on Grace Street. There is ample parking along Grace Street and in the Memorial Hall parking lots.

Each year during January and February, Dr. Kearns has invited local MD/DC/VA rock and mineral clubs to the JMU geology labs. A highlight of this visit is a tour of the mineral museum, which showcases some of the most beautiful minerals found in the region, and an outstanding collection of fluorescent minerals from the Franklin and Sterling Hill NJ zinc mines.

Dr. Kearns has an encyclopedic knowledge of minerals and can sight-identify many different mineral species, given accurate information as to where the specimen was found. His laboratories are equipped with instruments for the qualitative and quantitative analysis of pure mineral specimens and he may be able to perform analyses on some of the specimens we bring him.

Cheers,

Dave Fryauff

GLMSMC Field Trip Chairman

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## The Ig Nobel Prize

Andy B. Celmer

The Ig Nobel Prizes honor achievements that make people LAUGH, and then THINK. The prizes are intended to celebrate the unusual, honor the imaginative—and spur people's interest in science, medicine, and technology. This information may be found at: <http://www.improbable.com/ig/>

### The 2016 Ig Nobel Prize in Economics is awarded to:

Mark Avis, Sarah Forbes, and Shelagh Ferguson, of NEW ZEALAND and UK for assessing “The Brand Personality of Rocks” from a sales and marketing perspective.

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**The Ig Nobel Prize (Cont'd)**

**Who Attended the Ceremony:** Mark Avis and Sarah Forbes

**“The Brand Personality of Rocks:  
A Critical Evaluation of a Brand Personality Scale”**

**Mark Avis**

Massey University, New Zealand

**Sarah Forbes**

University of Birmingham, UK

**Shelagh Ferguson**

University of Otago, New Zealand

Mark Avis, Department of Marketing, Massey University, Private Bag 11222, Palmerston North, New Zealand.

**Email:** mark.avis@otago.ac.nz

**Abstract**

Aaker's (1997) brand personality (BP) scale is widely used in research and is an important foundation for the theory of BP. Building on extant critiques of the scale, this article considers the possibility that Aaker's (1997) scale methodology 'creates' the BP that it measures. Using pictures of rocks as stimuli, this article applies the principles of Aaker's methodology to examine the BP of rocks. Rocks are the chosen stimuli as they do not have any obvious commonalities with brands, or have antecedents to BP formation. Findings revealed that each of the rock stimuli has a distinct BP and that the personality is developed from sometimes surprisingly detailed personifications. In consideration of the importance of Aaker's scale in the development of the BP concept, the findings raise questions about its conceptualization and emphasizes the importance of critical examination of the methods used to measure marketing concepts.

**Taken from:**

<http://mtq.sagepub.com/content/14/4/451>



## Upcoming Classes

### Gemology I Introductory

Ages 18 & Up: Want to know about those gems you are wearing on your rings, necklaces, bracelets, brooches? Curious about how gemstones came to be? Beginning Gemology, organized around the Mohs' scale of hardness, is an introduction to gemstone study. There will be hands-on specimens and examples to examine during each class.

12 Sessions \$108

Instructor: Timothy Morgan  
25094 Potomac cac

### Gemology II Advanced

Ages 18 & Up: Prerequisite - Beginner or Intro class. Interested in gemstones, but already know a little something about them? Want to learn more? This class examines gemstones and gemstone groups with examples and hands-on specimens. Guest speaker and field trip possible.

13 Sessions \$117

Instructor: Timothy Morgan  
25095 Potomac cac

### ONLINE REGISTRATION FOR ADULT AUDUBON NATURALIST SOCIETY PROGRAMS

Visit [www.ANShome.org/adultnatureprograms](http://www.ANShome.org/adultnatureprograms) and click on "Register Online."  
All adult program participants will be "New-Users" the first time they register.

All changes/cancellations/transfers must be handled through the EE office.

If a class is full, you may waitlist for it for free online.

Questions? Call Pam at 301-652-9188 x16 or email [pam.oves@anshome.org](mailto:pam.oves@anshome.org).



Upcoming Shows

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

MAY 6, 2017

SOUTH MT FAIRGROUNDS  
WEST OF ARENDTSVILLE, PA  
ON ROUTE 234

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

ADMISSION \$1

STUDENTS FREE

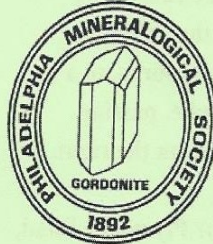
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CONTACT:

[tsmith1012@comcast.net](mailto: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](http://www.philamineralsociety.org)



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

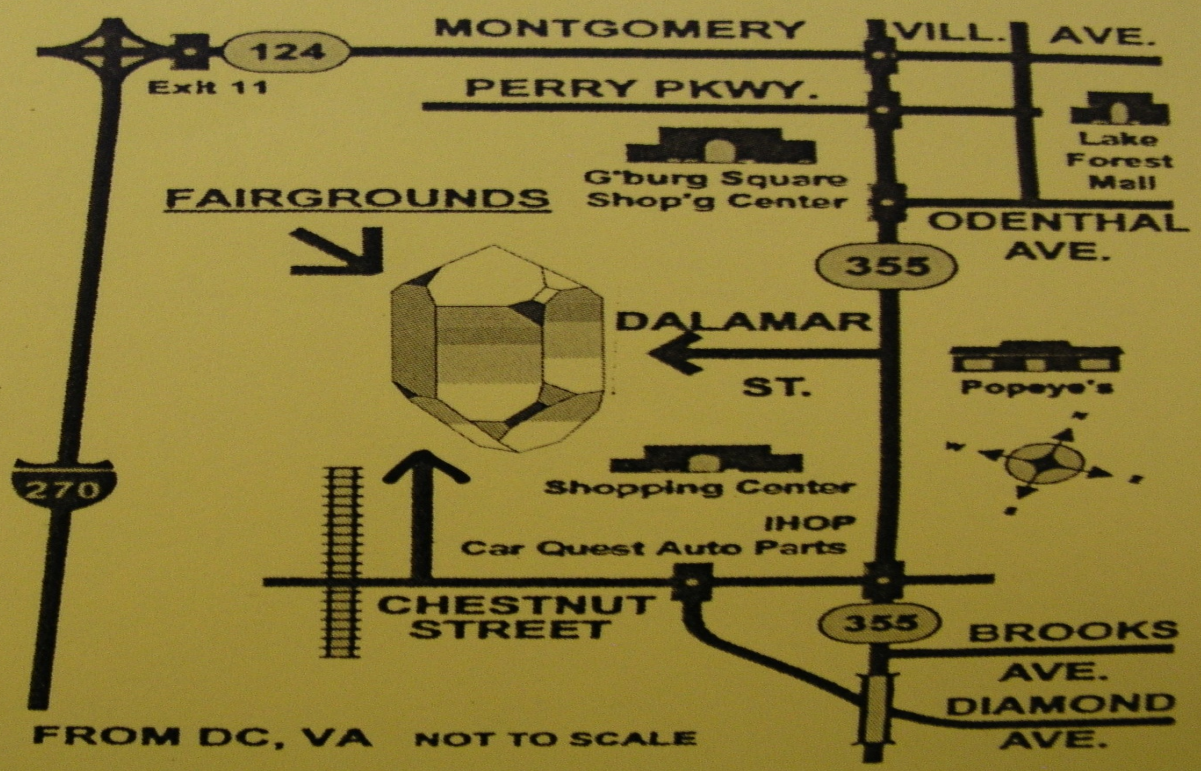
The Gem, Lapidary, and Mineral Society of Montgomery County, MD.

- 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   |

www.glmsmc.com

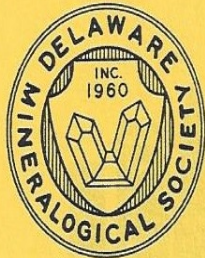
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Upcoming Shows



# 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](http://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](mailto: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](mailto:editor@glmsmc.com).

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Award Winning Bulletin  
EFMLS, AFMS



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FIRST CLASS MAIL**

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