



# GEM SCOOPS



Vol. 54, No. 4

Pendleton District Gem and Mineral Society

April 2016

## The Geology of Dominica

### President's Message

Hi Folks:

The PDGMS presentation for April has Scott Brame lecturing on the Geology of Dominica. Dominica is an island in the Caribbean with some interesting volcanic features. In fact, nine of the Caribbean's sixteen active volcanoes are located on Dominica. There are hot springs, fumaroles (think Yellowstone National Park), and enough sulphur to foul the air to the point where maggot can gag. This explosive presentation takes place at 7:00 pm at our usual OLLI meeting location, Tuesday, April 19th, 2016.

A couple of reminders: The Graves Mountain Spring dig and rock swap is scheduled to take place on April 22-24 in Lincolnton, Georgia. Also, please keep the donations for our "Beneath Your Feet" display coming. They make great show-and-tell pieces at the meeting.

*Robert*

### MAY MEETING

The next meeting of the PDGMS will be on May 17, 2016. Put it on your calendar.

### APRIL MEETING

**WHEN:** April 19, 2016 at 7:00 pm

**WHERE:** The OLLI Classroom Building

**SPEAKER:** Scott Brame

**TOPIC:** The Geology of Dominica

The island of Dominica in the West Indies is part of the Lesser Antilles volcanic arc created by the subduction of the North Atlantic sea floor underneath the Caribbean plate. Dominica contain features unique to volcanically active zones such as fumaroles, hot springs, boiling lakes, volcanic domes (one over 4600 feet high), and deposits that record geologically recent lava flows and phreatic explosions (caused by the interaction of groundwater with magma). All rocks on the island have been dated at less than 6 million years old.

Ted Wallenius is bringing snacks this month. Visitors are always welcome.

### PDGMS MEETING MINUTES

**March 15, 2016**

The meeting was called to order by Carol Lund at 7:05 pm. There were 15 people present.

Carol introduced our speaker, Tim Barton, who gave a talk about Fluorescent minerals. He demonstrated how several specimens respond under both long and short wave Ultra Violet lights. UV light is also known as "black light."

Fred Sias gave a class description about the jewelry making class that is in the planning stage for both

the Club and OLLI. The estimated cost is \$60 for the tools and supplies for the club members interested in learning this craft.

Ted Wallenius gave a demonstration of the radioactivity of rare earth minerals he found on the shore of Lake Hartwell.

The meeting was adjourned at 8:40 pm.

#### Officers for 2016

**Robert Lund, President**.....864-888-8719  
**John Palmer, V. Pres**.....941-545-3713  
**Teresa Smith, Sec**.....864-888-8719  
**John Ishler, Treasurer**.....864-885-9126

#### 2016 Directors

**Carol Lund (Past Pres)**.....864-888-8719  
**Charlie Rowe**.....864-985-0446  
**Fred Sias**.....864-654-6833  
**Bob Whitmore**.....303-565-2727

## WORKSHOP INFORMATION

The William Holland School of Lapidary Arts is located in the mountains of north Georgia near the North Carolina border. Wildacres Retreat is a privately owned conference center nestled in the North Carolina mountains near Little Switzerland. Please visit their websites for additional information.

### Wildacres Tuition

Cost per person \$370, double occupancy. Single room with private bath \$530. Non members add \$50.00 to all Tuition fees.

### William Holland Tuition

Cost per person \$370, double occupancy. Single room with private bath \$530. For Day Students or campers the workshop tuition fee is \$200 per person. No meals are included for day students or campers. They are available from and payable directly to the facility.

Campsite fee (Wm Holland only) \$320 (1 student) or \$500 (2 students) per week.

### Application Form

The application form is on the Internet at:

[www.sfmsworkshops.com/info.html](http://www.sfmsworkshops.com/info.html)

### About Instructors

All instructors for our workshop program are volunteers and are not compensated for their time and effort. They may charge a materials fee for their classes.

### Check-In Day

Wildacres is **MONDAY** afternoon. William Holland is **SUNDAY** afternoon. Early check-in is NOT permitted at either location.

## 2016 SFMS WORKSHOPS

### WILLIAM HOLLAND SCHEDULE

#### June 5 - June 12

Beading -Becky Patellis  
 Cabochons - Dave Bergquist  
 Casting - Bill Harr  
 Chainmaille - Kathy Morris  
 Faceting - Tom Mitchell  
 Gem Trees - Jerri Heer  
 Mineral ID - Scott Forward  
 Opals - Carl Talbott  
 Polymer Clay - Sandra Davis  
 Silver II-SW Silver - Nancy English  
 Wire I - Sandy Bergquist  
 Wire II - Wire Weaving & Wire Wrap Filigree - Jan Stephens

### WILDACRES SCHEDULE

#### August 22 - August 28th

Fused Chain Maille - Roy Deere  
 Metalwork Special Projects - Jeff Sheer  
 Beading - Advanced  
 Mineral ID - Travis Paris  
 Chasing & Repousse - Tom and Kay Benham  
 Display Case - Danny Griffin  
 Deep Relief Wood Carving - Clancy Smith  
 Metal Clay 1 - Katie Baum  
 Gourds - Pat Davis  
 Beginning Wire - Rowan Rose

### WILDACRES SCHEDULE

#### September 19 - 25

Chain Maille 1-2 - Roy Deere  
 Gem Identification - Teresa Polly  
 Casting - Bill Harr  
 Flint Knapping - Michael Miller  
 Wire for Beaders - Leslie Wayment  
 Faceting - Tom Mitchell  
 Silversmithing - Pattie Appleby  
 Scrimshaw - Rich Williams  
 Cold Connections and Enameling - Debora Mauser  
 Chasing & Repousse 2 - Tom and Kay Benham  
 Metal Clay 2 - Katie Baum