



## **February 2019 MONTHLY BULLETIN**

A non-profit group founded in March 1956, organized to educate the general public and members' knowledge of Mineralogy, Gems, Jewelry Making, Fossils and related earth sciences.

**MEETINGS:** The meetings are the first Tuesday of each month except June, July, August and December. The Clubs annual holiday party is in December and the annual picnic is in June which includes a silent auction. Visitors are always welcome.

The meetings are at the Indian Creek Community Church, 12480 Black Bob Road in Olathe, Kansas. We meet downstairs in room 018 which is located at the bottom of the staircase. 6:30 to 7 PM is not structured, as member's fellowship and have a raffle. At the end of the raffle anyone who purchased tickets - and did not win anything - can go take one item from the table. The meeting starts at 7 PM followed by the guest speaker. Information is available at our website: [olathegemclub.com](http://olathegemclub.com).

DUES: \$10.00 per year for individuals / \$5.00 per year for minors / children under the age of 12 are free.  
(Due by May meeting, and delinquent by September meeting)

### **OFFICERS and CHAIRPERSONS 2018 – 2019:**

President: Deborah Bryant (816)337-1527

Vice President: Tammy Shaw (816)674-1368

Secretary: Vikki Ritter (913)827-2724

Treasurer: Barbara Crompton (913)492-6783

Bulletin: M John Robinson (913)669-8284

Website and Editor: Dan McDaniel (913)963-5357

Membership Chairman: M John Robinson (913)669-8284

Field Trip Coordinator: Lesilee Hartman (785)380-6016;

Field Trip Assistant: Larry Wells (913)787-5138

Programs: Tammy Shaw, VP

Librarian and Historian: Norman Onnen (816)645-1333

Gem Show Chairman: Norman Onnen

Raffle: Lisa Hulbert

Association Delegates: Norman Onnen & Larry Wells

Alternate Assoc. Delegate: Chet McLaughlin and Deb Bryant

### **PRESIDENTS MESSAGE**

Members are encouraged to bring ideas to the table! If you have an idea for a meeting topic or field trip or presenter please share! We need everyone to participate if we are going to have a successful club!

Because the Club is growing in membership we will be having 3 people, instead of two, bringing snacks in the future to make it more affordable. There are just a couple spots left if you can help out

Please introduce yourself if you see a new face! Julie will be getting updates to the member directory soon!

Congrats to Norm Onnen! He has accepted the position of Vice President of the Association!

We have invited our RMFMS Kansas Representative to visit our club in April 2019!

March is our Clubs Gem show! We participate with other area clubs to put on the spring show at KCI. More info on this at the meeting! Be ready to volunteer with us to make it the best show yet!

If you were not able to get the size of shirt needed at the meeting please email Tammy or Deb and we will work on getting it done!

### **VICE PRESIDENTS MESSAGE /Programs**

Don't forget the Swap & Shop during our February 5 2019 meeting. Bring any gems, minerals, stones, jewelry, tools, or related items to sell or trade. Keep in mind space will be limited, and we want to make room for everyone. All transactions will be the responsibility of the participating parties. If the event goes well, we are considering a community wide event later in the spring, and will be inviting other clubs and the public.

An email will be going out to get an idea how many are going to be set up to sell so we can make sure everyone gets table space!

## **FIELD TRIPS**

As the weather is still unpredictable, we will still need to wait for a field trip. The Nebraska trip will need to wait until the snow and rain is done and the sun wants to stay.

I do have a closer location we can go to in Parkville, MO. This location has many fossils like nautiloids, worthenia, and others. This location is near Park University and would be great for a field trip on a Sunday. Send me a message if this area would be good for you and which Sunday is best 1st, 2nd, 3rd, or 4th and I will try to pick a Sunday that would be warm and dry. Also this would be after 12noon for all who go to church. hartman.12345@hotmail.com or 785-380-6016.

Anyone with suggestions please contact Lesilee Hartman to get it scheduled!

**CLUB LIBRARIAN, NORM'S MESSAGE:** Members are reminded that the club library is being maintained, and the holdings are listed on the club website. As requests for items are made they are brought to the next club event. Club members who have materials checked out are requested to return these items and/or re-new their interest in keeping them for an extended time. For more information call Norm at (816) 645-1333.

Please note that the listing of documents held in the club library has been updated and posted to our club website effective 11/12/18. It includes all items recently donated by several club members. That being said, there's still room in the library if others wish to provide and/or donate to the library. Also if there are documents you feel should be in the library for the benefit of our members, please let me know of them.

An audit of the club library holdings will be accomplished by the end of January. If you have borrowed documents from the library over the past year please reconfirm with me that you have those items, and either re-establish that you continue to need them and/or return them so that others may have access. Also, if you have documents that you wish to donate to the library, please let me know. Finally, if you are aware of items that should be obtained for our library, please make that request (including title, author, anticipated cost, etc.) for consideration.

### **Association Notes - Related to our March 8-10, 2019 KC show:**

OGMS is the second largest and active club (only IGAMS is larger) participating in the show. We need to volunteer and help commiserate with our size, activities and anticipated benefit. To that end a sign up sheet is to be sent around (email and at our next club meeting) for those able and intending to help, some on a hour-by-hour basis.

Show hours will be Friday 10-8, Sat. 10-7 (with the live auction following), and Sunday 10-5.

Much help is needed on Wed. March 6 from 10am until mid-afternoon setting up and preparing tables. Also on Thur. morning to finish setting up, placing signs, putting skirts on tables, etc.

Additionally the sign up sheet is asking for volunteers for -

**Admissions** (Fri., Sat., Sun.)

**Demonstrations table** (will need to identify what you will demonstrate, and it will be scheduled per you time/availability)

**Fluorescent display** (a limited number of hours will be identified, and 1-2 people are needed to assist).

**Silent Auction**

**Live Auction** (Collect items from vendors, and the auction will occur Sat. Night)

**Info Booth** (PA announcements, directions, questions and answers on a hour-by hour basis Fri., Sat., and Sunday)

**Association Booth** (all three days on a hour-by-hour basis, plus Thur. afternoon set up)(Our club member Chet McLaughlin will run this this year, but needs help as he cannot be there all the time).

**Story Book Room** (all three days on a hour-by-hour basis)

**Swap Area.** (Will be run by Don Smith and a couple of volunteers. OGMS club members participating in the SWAP will need to set up their own items, man their table space, and coordinate with Don).

**Set Up** (see above for Wed. and Thur. times)

**Food** (Volunteers are welcome to participate in a Thursday evening meal. Meat and drink items by the Association. Requesting side dishes, etc. Time to be determined.)

Finally, need a couple of strong backs to help load a display Sunday evening at show closure for return to Washburn University

**Club display cases** are to be set up after 1pm on Thursday. The Association is stressing each case needs to include the club identification, the name of the participant, accurate labels and any support information/educational data on items displayed.

**Badges.** All club volunteers (and those assisting in any manner) will need to wear badges starting Thursday throughout the show. (No badges for Wed. set up). I will need a list of all such volunteers (so badges can be made in time) by NLT Monday evening, March 4. Note that club membership cards will also gain admission to the show, but the badges also need to be worn by the volunteers, etc. a

Looking forward to another great show.

Norm Onnen

**SKILLS & INTEREST DIRECTORY:** To keep your directories current you can plan on receiving future updates via email. For changes, and directory updates contact Julie Robinson at (816) 797-4602, or [jukay11@gmail.com](mailto:jukay11@gmail.com). New members will receive a directory as they join.

**SHOW & TELL:** Members interested in doing a Show & Tell should contact Deborah Bryant, President, to get scheduled. Deborah's contact info is [MotoChef1@outlook.com](mailto:MotoChef1@outlook.com)

## **UPCOMING EVENTS**

**February is our club swap and shop. See VP message for details**

**March 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup>! Gem Show at KCI Expo Center!**

In addition to our March 8-10, 2019 KC gem and mineral show, please be aware of the large upcoming March 23-24, 2019 Cedar Rapids, Iowa annual show. This event, considered to be one of the best in the region, will have a theme this year entitled "Celebrating Geodes - Iowa's Mysterious State Rock". Additionally, this will serve as the site for the Rocky Mountain Federation and the American Federation Conventions. (Our club, by membership/association with the Rocky Mountain Federation is also a member of the parent American Federation of Mineralogical Societies, who rotates their participation annually - this year landing in Cedar Rapids). Site of the show is 1830 30th Street Drive, Cedar Rapids, IA 52403. Website is [Cedarvalleyrockclub.org](http://Cedarvalleyrockclub.org).

## **THAT WAS CLOSE KANSAS CITY!!!!**

Were you aware that Kansas City came close to being struck by a meteorite? How close? The north and west edge of probable impact evidence is just 3 miles south of the Jackson County line, and 1 mile east of the KS/MO state line, in the very NW corner of Cass County, MO.

Known as the Belton Structure, and considered by many to be "a possible impact crater in Cass County, MO", this has been studied (at the 45th Lunar and Planetary Science Conference in 2014), and consensus, pending further study and investigation, is that it represents impact by a small to medium sized meteorite in about the late Pennsylvanian time (286 mya). The configuration consists of an elevated rim measuring about 5.5 km in diameter, and contains high angle normal faults encircling an inner area of 3.5 to 4 km in diameter. It also has a distinct annular basin surrounding the elevated center. New digital elevation modeling and studies of intense mechanical twinning in calcite along with recognition of signature faulting and folding help confirm the impact theory.

That being said, there remains (diminishing) consideration that the structure could be a collapsed karst (originally surmised by Kansas City's Dr. R. J. Gentile (author of "Rocks and Fossils of the Central United States, with Special Emphasis on the Kansas City Area) following earlier investigations of oil and gas in the region).

A meteorite strike of this size could have had significant impact/affect on urban KC and the region in today's time. As it turns out, it does affect present populations in that a new complex of schools and residences are currently being completed over and around this feature. And, our home sits on the very NE rim of the structure — necessitating 13 stabilizing piers being driven to firmament.

Additionally there is consideration (but as yet not as well understood or accepted) that there might have been another meteorite instance nearby - currently being labeled the "Edgerton (KS) Structure). This possible structure was recognized from hillshade maps and is thought to be Precambrian, if confirmed. (International Journal of Geophysics reference).

Norm Onnen