



The **CULVER CITY ROCK & MINERAL CLUB**, located in Culver City, California, brings together persons interested in the earth sciences to engage in research and study, to assist members in the collection and preservation of rocks and minerals and in the study of lapidary and related arts.



Visitors Welcome!

## MONDAY, APRIL 9, 2018 @ 7:30 pm *Presented by Krista Sawchuk:* **A Geologic Journey to the Center of the Earth**



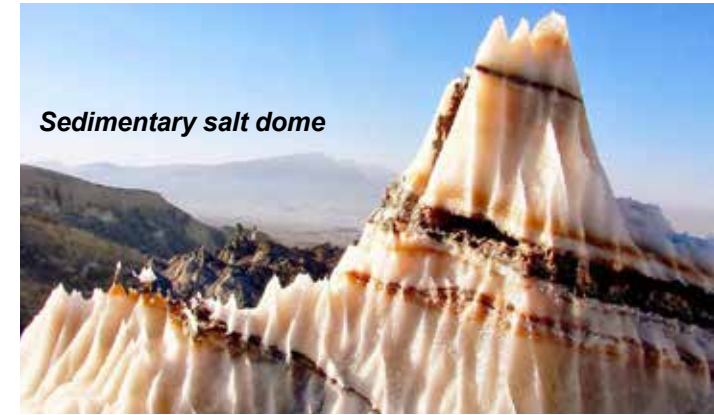
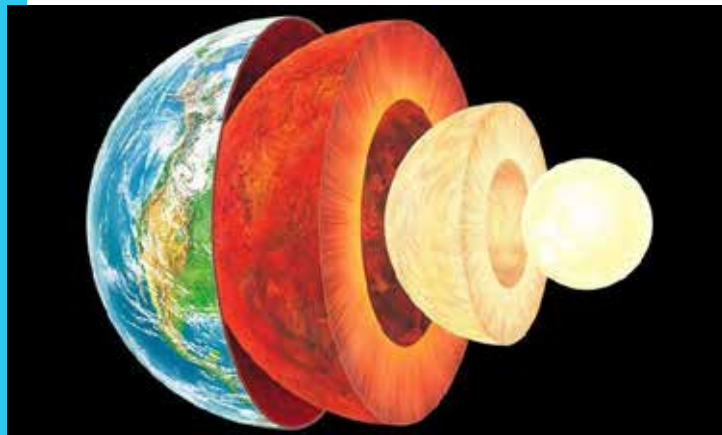
Join us as Krista leads us through the wondrous life cycle of Earth's rocks and minerals.

Beginning with the violent, fiery birth of igneous rocks and minerals in volcanoes, we'll explore the metamorphic forces of heat and pressure that transform specimens in many different ways. Finally, we'll examine how the forces of erosion and sedimentary deposition further change rocks and minerals.

Along the way, we will discover the minerals found in each geologic setting. We'll follow the fate of all rocks: subduction back into the deep Earth by plate tectonics. From there we will explore an unfamiliar part of the Earth: the deep Earth. Even though deep Earth makes up

99 percent of our planet, we know more about the surface of Mars than deep Earth. Krista will share what scientists currently know about the deep Earth, and the challenges of studying it.

Krista Sawchuk is a CCRMC member who has been collecting and studying rocks and minerals for the past 15 years.



*Sedimentary salt dome*

Her collection features over 150 different mineral species. Krista is a UCLA PhD student studying geochemistry and deep earth science.

**Ken Rogers**  
Program Chair

**Monday, April 9, 2018 @ 7:30 pm**

Culver City Veterans Memorial Multipurpose Room, 4117 Overland Ave.  
Culver City 90230

The Multipurpose Room is in the rear SW corner of the building, off the park.

**FREE admission**  
**FREE parking**



*Metamorphic rock*

## MINERAL REPORT

### Big Sur Jade

Jade can be found in multiple locations in California, but one of the more well known places is along the coastline of Big Sur. Near Plaskett, California the locals and visitors collect wave polished stones found in the surf. Along Highway 1, Plaskett Creek flows into the ocean at Sand Dollar Beach adjacent to Jade Cove. For years this has been an abundant source for jade collectors. The stone can be found along this entire stretch of coast. The town of Gorda started a jade festival to celebrate the stone with music and art. Amateur collectors search along the shoreline, as addicted rock hounds dive with scuba gear for more satisfying finds. Over the years some large boulders have been discovered in this area.

The jade nephrite varies greatly in color and purity from greens to blues and blacks. Jade is often mistaken for the serpentine that is found in abundance shearing from the cliffs in this area of the coast. If one is lucky they might find orange-red vulcan mixed with the nephrite, a rare and colorful jade that is more valuable. The nephrite is composed of fine interlocking fibers. By appearance the stone is waxy and varies from solid to semi-transparent, laden with swirls like cumulonimbus clouds. The subduction zone along the coast is where the jade formed. Under immense pressure and high temperatures, the nephrite is metamorphosed between layers of serpentine. Over time the crust is uplifted to make contact with the ocean where the jade is broken down and polished by the boulders and sand along the coast.

**Eyra Allen-Lucas**  
Mineral Chair

*The Nugget, a publication of Culver City Rock & Mineral Club*

## PRESIDENT'S MESSAGE

Several members have mentioned their interest in going on field trips. Field trips were one of the main reasons I joined the Club. I love getting out to new locations in the desert or along the shore, exploring for rocks, breathing the fresh air, and bringing home a couple pieces to remember the trip.

After a little arm twisting, I'm happy to announce that Eyra Allen-Lucas has offered to help arrange some trips for the Club. I've appointed him as Field Trip Chair for this year and have given him some files of information on likely locations for day trips around Los Angeles. If you'd like to get in touch with him, his email is [EyraLucas@gmail.com](mailto:EyraLucas@gmail.com).

**Brad Smith**  
President



*Several examples of jade nephrite from Plaskett, CA. Clockwise: blue and black pebble; small semi-transparent pebble; cloudy semi-transparent cobble; black cobble with coral and serpentine flecks. Photo: Eyra Allen-Lucas*

## MARCH PROGRAM: Mexico's Precious Amber



*Linda Queally's presentation was entertaining and informative. She brought many amazing specimens to share.*



*A great turnout of CCRMC members for March's Mexican Amber program.*

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

## FIESTA OF GEMS SHOW UPDATE

Greetings Club Members!

Our show is just around the corner. This year's **Annual Fiesta of Gems Show** will take place June 23-24, 2018. This Show is the pride of the Club and this year will be no different. Our theme this year is Jade. We'll have over 30 vendors bringing us rough slabs, cabochons, beads, finished jewelry, findings, wire, tools and much more. We'll also have workshops, demonstrators, hourly raffles, and a grand prize raffle on Sunday. Entrance and parking are free. More information about our vendors, workshops and demonstrators will be uploaded to our website under **Fiesta of Gems**.

### Next Show Meeting:

**Saturday, April 14, 2018 at 1 pm at the Boy Scout House**

Please contact me at the email address below (type "Show Volunteer" on Subject line) and let me know where you can help. Let's make this another great Fiesta of Gems Show for 2018!

**Hellena Jones Elbling**

2018 Fiesta of Gems Show Chair  
hellena@creationsbyhellena.com

## What You Can Do Now:

- Donate books and magazines related to jewelry for the Show. All can be left at the Shop.
- Donate a piece of finished jewelry or specimen for the hourly door prize.
- Showcase your designs or beautiful specimens in the display case at the Show. Please contact Steve Dover [skdover@yahoo.com](mailto:skdover@yahoo.com) to sign up!
- Members will soon receive \$10 in raffle tickets to sell on behalf of the Club. You can purchase them yourself or sell to family and friends. Money and stubs will be collected at the Club. The proceeds from sale of raffle tickets are donated to a worthy cause. In the past, Culver City Schools and the Boy Scouts were recipients.

### NEW!! Give FOUR Get FOUR!

Our Show is a favorite among vendors and attendees because of YOU! To THANK YOU for your four hours of volunteer service at the Fiesta of Gems Show, the Club will give **FOUR FREE HOURS of Shop time** to members. Here's how it will work:

1. Sign up at our monthly meeting or email Hellena Jones Elbling the day, times and area where you want to volunteer.
2. A volunteer list will be created for the Show weekend where you can check in.
3. After the show, a list of Show Volunteers will be given to the Shop. When at the Shop, check in with the Shop instructor on duty and let them know you want to redeem your FOUR HOURS.

Here are the areas where you can help:

**Friday Set Up** – Starts at 9:30 am

**Club Desk** – Share info about our Club and collect membership forms

**Security** – Walk the floor and report odd behavior

**Plants** – Assist with selling of plants

**Books/Magazines** – Set up books, organize and price books and magazines

**Photography** – Take interesting, creative pics of the Show

**Floater** – Assist on the floor where needed

**Registration** – Welcome people, collect registration forms

**Raffle Tickets** – Sell tickets near the front desk

**Games** – Staff the desk and handle children's games. Give Geodes to kids

**Grab Bags** - Sell grab bags to patrons

**Food** – Set up food during the weekend

**Social Media** – FB Live and post using Club hashtags

**SUNDAY Breakdown** – Starts at 5:30 pm

### Volunteer Time Slots

**Saturday, June 23, 2018**

9:45 am - Noon | Noon - 2 pm | 2 - 4 pm | 4 - 6 pm

**Sunday, June 24, 2018**

9:45 am - 11:30 am | 11:30 - 1:30 pm | 1:30 - 3:30 pm  
3:30 - 5:30 pm | 5:30 - Done

## SHOP NEWS

Our three lap saws are now up and running, thanks to Robert (Bob) Brownlee. Bob also cleared the “muck” out from the three trim saws.

We have a welcome addition to the trim saws, a 4” / 5” trim saw that uses water instead of oil. This is great for members who work with materials that do not fare well with oil such as porous stones or to save expensive material by using a very thin blade, especially materials such as opal, turquoise tourmaline and “low Mohs hardness” materials.

To use the saw, fill the reservoir under the saw table with water so the diamond blade is covered by 1/8” water. If there is too much water in the reservoir, it will splatter all over the place (as I found out the hard way.) Replace the saw table and make sure the tapered pins in each corner are secure. Put on safety glasses. Before turning the trim saw on, manually spin the saw blade towards yourself to make sure the blade is not in contact with the saw table. If it is, have the instructor fix it. Turn the motor on. The variable motor delivers from about 800 rpm to 3200 rpm. Select a speed less than what you think is needed and never run it too fast. There should be a fine mist coming from the spinning blade, if not so, add more water. Never run the saw without or with too little water. Before you make your first cut, lightly slide your material into the blade to avoid causing the thin blade from waving. Do not attempt to cut any curves, the saw is designed for straight lines only, the same as our other three trim saws. To avoid the saw from overheating and damaging the polyethylene housing, do not run the saw more than 30 minutes at a time, then allow a 30 minutes cool down time before starting up again. When you are finished, empty the water reservoir, but NOT INTO THE SINK. Empty it into the grill under the large flat lap. If emptied into the sink, the slurry in the water will

turn into cement and clog/close the drain (same as when you polish stones in a tumbler.) Dry the blade with either a paper towel, cloth or spin it dry. When all done, unplug the saw and place it back up on the shelf.

We also have a (very) small new shop vac. If you need to run it wet, please remove the bag before using it.

On behalf of the Shop Committee  
**Jette Sorensen**



*Diana St. John cuts agate hearts using dop sticks to hold the stones.*



*Finished hearts, set in bezels.*



*Alexa Hunter using the new water trim saw.*



## NEW MEMBERS

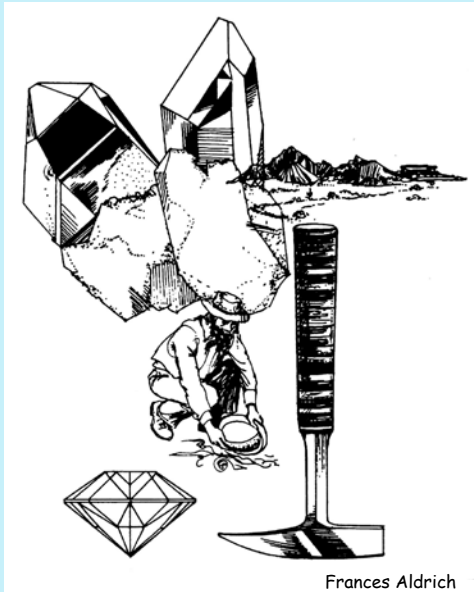
Chris Avanzato  
Andrea Beane  
Dan Halperin  
John Heenan  
Jordan Robinson  
Tamara Sekoff

## MEETING SCHEDULE

General Meetings are held the second Monday of every month\* at 7:30 pm, usually in the Multipurpose Room\*\* in Veterans Memorial Bldg., 4117 Overland Ave. Enter through the rear door. Guests are welcome. Executive Committee Meetings are held the second Monday of every month at 6:30 pm in the Multipurpose Room\*\* in the Veterans Memorial Bldg. Club members are welcome.

\*Meeting days occasionally change due to federal holidays or to accommodate the Fiesta of Gems Show.

\*\*Consult the Nugget or the website for occasional location changes



Frances Aldrich

### Contact Us:

Culver City Rock & Mineral Club

(310) 836-4611

P.O. Box 3324, Culver City, CA 90231

[culvercityrocks.org](http://culvercityrocks.org)

[facebook.com/CCRMCL](https://www.facebook.com/CCRMCL)

[instagram.com/culvercityrocks/](https://www.instagram.com/culvercityrocks/)

[twitter.com/culvercityrocks](https://twitter.com/culvercityrocks)

<https://groups.yahoo.com/neo/groups/CCRMCL/info>

## THE NUGGET

Deadline for submissions is the 15th of every month. Articles or notes without a byline are written by the Editor. Permission to copy is freely given as long as proper credit is noted.

The Nugget accepts paid advertisements. The cost for an eighth of a page (approx. 2" high x 3.5" wide) is \$7 per insertion, payable in advance. Ad location is at the discretion of the Editor. Ads, copy, or business cards must be received by the 10th of the month.

Send materials to:

Culver City Rock and Mineral Club

Attention: Editor

P.O. Box 3324

Culver City, CA 90231

## SHOP INFORMATION

The shop is open to members in good standing over the age of 18 who sign an indemnification form. Junior members (13 - 18) must be accompanied by an adult. Instruction is available at all sessions. Practice slabs are available.

Location: 10866 Culver Blvd., Culver City (Behind the Boy Scout clubhouse, next to the paddle tennis courts.)

**Shop Phone: (310) 836-4611**

**Hours:**

**Tuesday** 7 pm – 9:30 pm - Rick Shaffer

**Wednesday** 10 am – 2 pm - By appointment,  
email: [shop-avail-appoint@culvercityrocks.org](mailto:shop-avail-appoint@culvercityrocks.org)

**Thursday** 10 am – 2 pm - Brad Smith

**Saturday** Noon – 4 pm - Lynne Lukert

**Sunday** Noon – 4 pm - Jette Sorensen

If no one shows, the shop may close early. If you plan to arrive more than a half hour after the opening time, phone the instructor at (310) 836-4611.



**HAPPY**

*Birthday*

Janice Metz	April 4
Eric Frasco	April 8
Rick Shaffer	April 8
Janet Gampe	April 10
Delia Lozano	April 10
Darren Cokin	April 12
James Powers	April 14

## Mining Supplies & Rock Shop

[miningsuppliesandrockshop.com](http://miningsuppliesandrockshop.com)

9565 "C" Ave. Ste. K, Hesperia, CA 92345

760-244-9642



**Wed – Sat 10 am - 4 pm**

Mining Equipment

Lapidary Equipment

Rough Rock & Slabs

Fossils

Jewelry Making Supplies

Classes & Field Trips

Metal Detectors

Beading Supplies

Hand-Made Jewelry

Gifts, Books & Magazines

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

## MARCH EXECUTIVE MEETING

All committee chairs are asked to prepare a budget for their activities in 2018 and submit it to Darrell Robb, treasurer, before the end of March.

We need to reserve park space for the Annual Picnic typically held in August. The dates of August 11 or 18 are preferred.

Ken Rogers asked about having a shop yard sale in the next few months. April seemed to be a good time for it, but we should coordinate with the Boy Scouts so as not to interfere with one of their planned activities.

Eyra Lucas has been appointed as Field Trip Chair for the Club. The Social Chair position is still vacant.

Our Recording Secretary has failed to show up at three consecutive meetings and has not returned phone calls. Brad Smith will look for a replacement to be voted on by the Club.

### Committee Reports -

Rick Shaffer reported on Federation news and activities. He described the Camp Paradise workshops coming up in Northern California and asked about Club interest for including the CFMS in our annual donations. He outlined two or three possibilities where a small donation could have some impact.

Hellena Jones Elbling described plans for Fiesta of Gems this year and relayed results from the recent Show meeting. She will make a report to the general session and will include it in next month's bulletin.

Ken Rogers announced the speaker for the April meeting and said the May meeting would be devoted to filling grab bags for the Show.

Alexa Hunter could not attend, but notes that she had a very successful education session at Rincon Elementary this month.

## UPCOMING: MAY 14 PROGRAM

Please join us for our May Fiesta of Gems work meeting! Come together with your fellow Club members and guests, for a fun and lively evening of conversation, as we prepare the Fiesta of Gems postcards for mailing and fill grab bags for the Show.

Our Fiesta of Gems work party is always a lot of fun, and it gives our members a great opportunity to reconnect with fellow Club members, as well as meet new Club members.

Looking forward to seeing you there!

## California Federation of Mineralogical Societies (CFMS) Opens Registration for Camp Paradise

Camp Paradise is open for registration! The week-long creative camp offers beginning classes in: Faceting, Ming Trees, Lapidary, Soft Stone Carving, Silversmithing, Lost Wax Casting and beginning through advanced classes in Wire Art, Lampwork Bead Making, Bead Weaving, PMC3 Clay and Dichroic Glass are also offered.

The first session is August 26 – September 1, 2018 and the second session runs September 2 – 8, 2018.

To register, go to: <http://www.cfmsinc.org/ES-Studies/ESSoverview.htm>, download the form and mail with your check per the instructions provided.

The Camp is located north of Sacramento. For more information go to: <http://www.cfmsinc.org/>.

## Elected Officers for 2018

President - Brad Smith  
Vice President - Steve Dover  
Treasurer - Darrell Robb (temporary)  
Recording Secretary - Vacant  
Corresponding Secretary - Mia Quiles  
Historian - Robert Brownlee  
Parliamentarian - Johnny Hjorth

## Committee Chairs

Education - Alexa Hunter  
Federation Director - Rick Shaffer  
Field Trips - Eyra Allen-Lucas  
Librarian - Andrea Fabian  
Membership - Stephanie Dangott  
Co-Chair - Jan Ferguson  
Minerals Co-Chairs - Eyra Allen-Lucas,  
Krista Sawchuck  
Photography - Pam Leitner  
Programs - Ken Rogers  
Publications Co-Chairs - Barbara Fier,  
Jan Ferguson  
Publicity - Janice Metz  
Show - Hellena Jones-Elbling  
Shop Committee - President,  
Vice President, Shop Instructors  
Social - Vacant  
Co-Chair - Joyce Watanabe  
Sunshine - Felice Ganz  
Trading Post - Gary Mitchell  
Web Master - Jette Sorensen  
Workshops - Brad Smith

## Board of Directors:

2018  
Rick Shaffer - Jette Sorensen

2019  
Brad Smith - Grace Sato

2020  
Ana Maria S Guimaraes - Bruce Mensinger