

Mariana A. Bonilla

Secretary of Chem Club Note

Chem. Club

February 13, 2023

Chemistry Club: Note 1 of 2/13/2023

Welcome back everyone from the nice weekend, hope the Super Bowl was fun to watch. Today the Discord QR code was projected on the screen and the first social event will be on Friday the 17th at Folsom, 7pm. It is about an hour long, the Axe Throwing Event. At the address in the link of the discord (726 Sutter St, Folsom, CA 95630 - The Smart Axe Folsom). Street parking and carpooling is recommended, as well as lab appropriate wardrobe.

Elementary school said the event would be at 5pm to 8pm for the Spring Chem Event. 4:30pm is the estimated time of start for set up. Earlier the better and need enough people to stay. Monday March 27th, setting up tables and such, still not known what will be done at Elementary. One or two tables will be used, if asked please say one or two tables. Address is linked down below. Possibility not staying late on Monday to the elementary event due to school night. Remember to take care of yourselves first and not to burn out, rest is just as important.

ACS membership information, do not pay yet if can be held a bit more back to redeem a reimbursement. Info and link should be posted on Chem website, will payback, or ask Jake for more information on the membership. Also looking into crime labs and wine events.

Faculty presentation:

Doctor Gherman:

Bs, Bs in Chem and Math. Talk to research advisors about heading to the right grad school. Carnegie Mellon for the BS and Columbia University for the PhD. Got postdoc experience at University of Minnesota and got into working in Sacramento State right after that; hard work, yeepee! Great help for general chem advising/learning. Basics and help mostly with messy structures or systems. For example with Peptide Deformylase: Biomimetic Models or simply how reactions go. Pretty good with structural work and review sessions.

Spence and Miranda groups are part of the research. Not really interested with working in labs, more physical chemistry, but does encourage undergrads to participate with research. Feel free to email and reach out for more information or guidance.

Doctor Kellen-Yuen:

Went to 4 year college and originally Dr.K is from Minnesota. "Sacramento State knows you as people" she happily claimed. Earned a Ph.D in Chemistry and headed to Stanford from Minnesota because she was told to spread her wings. Dr.K received a Nursing aid license because she believed she wanted to be a doctor but "no thanks!" Engineering, "nope!" Not her thing but during one summer, she was going to work for Exxon Mobil oil. But the industry was not right and Dr.K kept exploring which blossomed into the art of teaching. Later on Art restoration rooted into Dr.K's mind. Still ambitious about the future, she ponders about it.

"Wet chemistry" Doctor K describes her research. Reactions in high end microwaves, something called Green Chemistry. A thoughtful science, there are 12 principles of reducing; waste, material, hazard, risk, energy, cost. Microwaves are better at heating because waves bypasses solutions and glass. Almost direct heating, less wasted time, and increases reaction

yield. Benzo-Fused Ring systems are the fundamental focus of work into getting bigger rings. If you would like more information please contact Dr.K!

Links:

Chem Club Site:

<https://www.csus.edu/indiv/g/ghermanb/chemclub/>

Axe Throwing:

726 Sutter St, Folsom, CA 95630

[https://www.google.com/maps/dir//726+Sutter+St,+Folsom,+CA+95630/@38.6773314,-121.1776361,17z/data=!4m18!1m8!3m7!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2s726+Sutter+St,+Folsom,+CA+95630!3b1!8m2!3d38.6773314!4d-](https://www.google.com/maps/dir//726+Sutter+St,+Folsom,+CA+95630/@38.6773314,-121.1776361,17z/data=!4m18!1m8!3m7!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2s726+Sutter+St,+Folsom,+CA+95630!3b1!8m2!3d38.6773314!4d-121.1776361!16s%2Fg%2F11bw3xphy0!4m8!1m0!1m5!1m1!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2m2!1d-121.1776361!2d38.6773314!3e0)

[121.1776361,17z/data=!4m18!1m8!3m7!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2s726+Sutter+St,+Folsom,+CA+95630!3b1!8m2!3d38.6773314!4d-](https://www.google.com/maps/dir//726+Sutter+St,+Folsom,+CA+95630/@38.6773314,-121.1776361,17z/data=!4m18!1m8!3m7!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2s726+Sutter+St,+Folsom,+CA+95630!3b1!8m2!3d38.6773314!4d-121.1776361!16s%2Fg%2F11bw3xphy0!4m8!1m0!1m5!1m1!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2m2!1d-121.1776361!2d38.6773314!3e0)

[121.1776361!16s%2Fg%2F11bw3xphy0!4m8!1m0!1m5!1m1!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2m2!1d-121.1776361!2d38.6773314!3e0](https://www.google.com/maps/dir//726+Sutter+St,+Folsom,+CA+95630/@38.6773314,-121.1776361,17z/data=!4m18!1m8!3m7!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2s726+Sutter+St,+Folsom,+CA+95630!3b1!8m2!3d38.6773314!4d-121.1776361!16s%2Fg%2F11bw3xphy0!4m8!1m0!1m5!1m1!1s0x809ae6ac96d0b39b:0xfad0194cc72df13e!2m2!1d-121.1776361!2d38.6773314!3e0)

Elementary School Edna Batey Address:

<https://www.google.com/maps/dir//38.5553338,-121.4341894/edna+batey/@38.4900622,-121.474616,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x809ac0b0c9fb534f:0xd911c4e66e4888bf!2m2!1d-121.3436031!2d38.4155205>

[121.474616,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x809ac0b0c9fb534f:0xd911c4e66e4888bf!2m2!1d-121.3436031!2d38.4155205](https://www.google.com/maps/dir//38.5553338,-121.4341894/edna+batey/@38.4900622,-121.474616,12z/data=!3m1!4b1!4m9!4m8!1m1!4e1!1m5!1m1!1s0x809ac0b0c9fb534f:0xd911c4e66e4888bf!2m2!1d-121.3436031!2d38.4155205)

Contact:

Doctor K: [ckyuen@csus.edu](mailto:ckyuen@csus.edu)

Doctor G: [ghermanb@csus.edu](mailto:ghermanb@csus.edu)

Jake: [jjohnsen@csus.edu](mailto:jjohnsen@csus.edu)

Mariana: [marianabonilla@csus.edu](mailto:marianabonilla@csus.edu)

Discord: <https://discord.gg/RhFRF3z6>