
From: CSUS Chem Club [sacstatechemclub@yahoo.com]
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Attachments: metcalf2.JPG; metcalf1.JPG

Hey Chem Club!

Hope your week is going well! Here are a couple of upcoming events to keep in mind:

- **Bob Metcalf:** This past meeting we were thrilled to welcome Professor Metcalf to speak for us about his work with water pasteurization in Africa! He has been working to help prevent water-borne illnesses by educating villages in Ethiopia and Kenya since the 1980s, teaching them how to test to see if their water is safe to drink or not. Through his work he and his team have developed a method of water pasteurization through solar cooking. He has helped to develop the WAPI (water pasteurization indicator), which essentially indicates when the water has reached a sufficient temperature, and is therefore pasteurized. **On a Saturday, he would love if some volunteers would be interested in helping to make WAPIs!** If you are interested, please contact me, and we can coordinate a date which will work best. Attached are several pictures from his presentation. Or for more information on Mr. Metcalf's work, feel free to visit his site:
www.imageevent.com/bobmetcalf

- **Mole Day:** Mole Day is **October 23rd**, right in the middle of National Chemistry week! Previous years we have brought chemistry to the mall, but this year we plan to **hold an event on campus!** If you have any ideas for relatively safe **experiment ideas**, we would love to hear them. In past years we have done
 - o Marker Tie Dye <http://tinyurl.com/cmn7fk2>
 - o Polyeurethane Rootbeer Floats <http://tinyurl.com/c429yppg>
 - o Diaper Waterlock <http://tinyurl.com/cmquimx>
 - o Dry Ice Bubbles <http://tinyurl.com/blemhhv>
 - o Mentos and Coke <http://tinyurl.com/c2xozrz>
 - o Milk and Food coloring <http://tinyurl.com/cverdzz>
 - o Ferrofluid <http://tinyurl.com/br4eq2h>
 - o Dry Ice Soap Bubbles <http://tinyurl.com/bwhctkc>
 - o Slime <http://tinyurl.com/bpeyabt>
 - o Nitrogen Cloud <http://tinyurl.com/br7enro>

- **Homecoming**: Homecoming is on **October 13th** this year! We hope to also **set up a chemistry booth at homecoming** to attract the kids and the alumni alike. A list of our potential experiments so far are some from the list above, but please feel free to send us any of your ideas! Experiments must be relatively safe...

Have a great weekend everyone, and amidst your hectic schedules, please be sure to keep these events in mind!

PS. Please be sure to check out our Chem Club Website at <http://www.csus.edu/org/chemclub/>

Or check us out on facebook: <http://www.facebook.com/mobileprotection#!/groups/8546618014/>