



AMES LABORATORY

Creating Materials & Energy Solutions

U.S. DEPARTMENT OF ENERGY



august

ESH&A Newsletter - August 2017



TOTAL
SOLAR
ECLIPSE

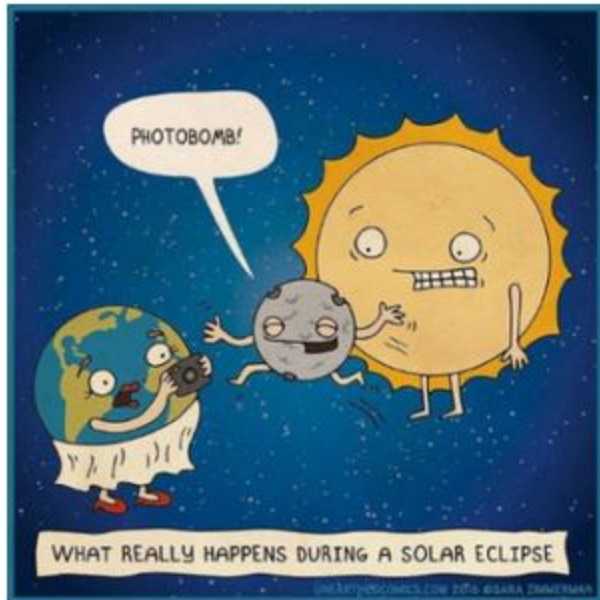
Don't eclipse your vision!

Physics, astronomy, math, weather - a total solar eclipse has it all for science fans! On Monday, August 21, 2017, at approximately 1:00, you will be able to experience a partial (or total, if you travel to Kansas City) eclipse of the sun. But, in addition to eclipse science, you also need to keep in mind eclipse safety.

Severe eye damage can occur by looking directly at an eclipse, and only special eyewear offers protection. Glasses for viewing will be provided on a first-come, first-served basis. More information on where and when to pick up these glasses will be forthcoming. If you would like to purchase your own, they are available at Lowe's for \$2.00.



Regular sunglasses, welding goggles, or laser eye wear ARE NOT ENOUGH. So be prudent and watch it on T.V., or follow the safe viewing guidelines at [National Weather Service 2017 Total Solar Eclipse.](#)



2 SHOCKS IN 7 DAYS

Leads to a Pause in All Electrical Work



Argonne National Laboratory - Two injuries within a week of each other has led to a facility-wide pause in all electrical work. On July 18th, an employee suffered 2nd degree burns to his fingers when an arc flash occurred while working with an improperly discharged capacitor. On July 25th, an undergraduate student suffered a shock to both arms while testing a 300-volt battery. Fortunately, both incidents did not lead to more serious injuries.

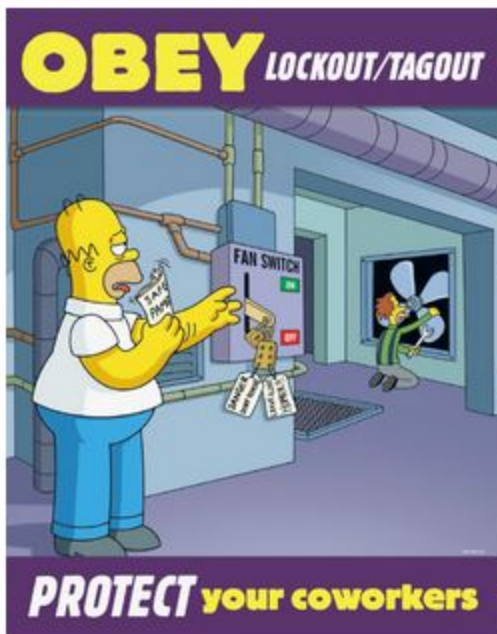
Electrical accidents are one of the most frequently reported events in the DOE Occurrence Reporting and Processing System (ORPS). Even shocks from “normal” current can cause severe injuries or cardiac arrest, and high-voltage equipment can create catastrophic damage. **Please remember these steps when working on or around electrified equipment:**

STOP - Are you trained and qualified to work with electricity?

THINK - Is the work area safe? Do I have the proper tools and PPE? Do other people in the area know what I'm doing?

CHECK - Is the equipment completely de-energized? Is it locked/tagged out?

DO WORK SAFELY - Be aware of electrical travel paths at all times. If you do receive a shock, even a minor one, report it immediately to your supervisor or group leader



August Safety Heroes

ALYSHA HAUPERT HENRIETTA ELLIOTT

This month's Safety Heroes are Alysha Haupert (right) and Henrietta Elliott (left). While performing their duties, Alysha and Henrietta found liquid on the floor of a laboratory near an acid cabinet. They immediately reached out to ESH&A for help identifying the liquid and its potential hazards and guidance for cleaning up. The liquid proved to be water from a roof leak near the fume hood and they were quick to get it cleaned up to prevent any potential for slips. Their attention to detail, questioning attitude, and quick thinking ensured everyone working in that space stayed safe.



*Thank you Alysha and Henrietta
for ensuring safety is a top priority!*



OH BOY! SUMMER IS HERE AT LAST!



AAAAAAND NOW IT'S AUGUST

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STAY COOL



MY FRIENDS

memegenerator.net

SAFETY CAT SAYS



**ONLY CLIMB UP TREES
YOU CAN CLIMB DOWN**



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