

# Chemistry Safety Notes

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## Safety Star Awards

Gabby Nepocemuno, Shaw Lab, and Amelia Manlove, David Lab, were both recognized yesterday by EH&S as "Safety Stars!" Nominated by our colleague, Chris Jakober, Campus CHO, both Amelia and Gabby are incredibly pro-active laboratory safety officers for the David and Shaw research groups. They have established and maintain very strong safety programs for their laboratories. Both Amelia and Gabby were incredibly helpful during a visit by Cal/OSHA as part of the UC Regents Settlement Agreement. They continue to work to improve the safety culture for their respective research groups, and are excellent examples of those individuals deserving of a Safety Star Award.

***Congratulations, Amelia and Gabby!***



*It's good to seek shade in the heat!*



## Gas Cylinder Transport

Gas cylinders must not be transported without the protective cap installed on the valve.

Be sure to transport cylinders on a cart, with the protective cap in place.





## Bicycle Safety Video

A new bicycle safety video has been produced by TAPS, facilitated by David Takamoto-Weerts, Bicycle Program Coordinator. It's a great video and is very Davis-centric. You can view the video here: <https://vimeo.com/75059452>.

Check out David's [Bicycle Program](#) site on the TAPS webpage.

Remember to obey the traffic laws, including stopping at stop signs and signals, when riding your bike. Use lights and reflectors when riding at night or in inclement weather. Pedestrians and bikes already in the traffic circle have the right of way.

## Cryogenic Liquid Safety Training

If you use cryogenic liquids in your work, you need to have cryogenic safety training.

Cryogenic Liquid Safety training is now available on the [Learning Management System](#). Lawrence Berkeley National Laboratory (LBNL) has provided UC Davis permission to use their Cryogen Safety training while UC Davis develops their own campus specific training video. Although the video references LBNL, the basic safety elements are applicable to UC Davis.

UC Davis thanks LBNL for granting permission to use their training material and Northwestern University Office of Research Safety and Argonne Labs for their content contribution.



## Hazardous Materials Removal Project

*Oldest container discovered so far was dated March 14, 1954!*

**Remember – hazardous waste disposal is free until June 30, 2016.**



*Editor's note: I'm old enough to remember the space race and the Apollo program. How thrilling it was to watch the launches and how mind-boggling it was to hear and see the astronauts from space. Watching the commentators explain the science sparked an interest in science in me – a non-traditional path for a young girl.*

From [The Watchglass](#) July 20, 2015: Today's the 46th anniversary of the Apollo 11 Moon landing. Check out our 1969 special report on the mission - [Chemical & Engineering News, July 14, 1969](#):

HERE MEN FROM THE PLANET EARTH  
FIRST SET FOOT UPON THE MOON  
JULY 1969 A.D.  
WE CAME IN PEACE FOR ALL MANKIND

In the predawn hours of July 21, some 240,000 miles from home, an American—Neil Armstrong—is scheduled to crawl out of a small, spidery-looking vehicle, descend a ladder running down one of the vehicle's four spindly legs, and step gingerly onto a totally alien surface. A simple ceremony—the unveiling of a plaque attached to a leg of the craft and bearing the above inscription—will mark this, man's first visit to an extraterrestrial body.

The epic journey of the 38-year-old Armstrong and his fellow Apollo 11 astronauts, Michael Collins and Edwin “Buzz” Aldrin, Jr., will be the successful culmination of the most ambitious and challenging scientific and technological venture of all time. In the eight years since the late President John F. Kennedy first committed this nation to the goal of landing a man on the moon and returning him safely to earth “by the end of the decade,” a staggering \$24 billion has gone into the effort. The far greater taxation, however, has been on the hundreds of thousands of scientists and engineers whose genius and dedication have enabled man to stand on the threshold of this, perhaps his greatest adventure.

## Apollo 11

In this special report—going to press seven days before scheduled liftoff—C&EN sketches the key role chemistry plays in the Apollo 11 mission. For, from the life or death propulsion systems to the final analysis of the lunar samples, chemistry is a vital and integral part of the mission.

