



Did you know laboratories consume more energy and water per square foot than any other type of office space on a university campus? Take advantage of these friendly tips and free campus resources to help reduce CSUDH's environmental impact when operating in the lab.

## ENERGY



• **Lower or close fume hood sashes when not in use to save energy.** The fume hoods in the science building actually have alarms that will activate if hoods are left open for too long, so don't forget to shut the sash!



• **Plug loads can be responsible for up to 60% of building energy consumption in more energy efficient buildings like this one:**

- When possible, unplug unused devices to save energy.
- For additional energy savings, you can plug all devices into a power strip that can more quickly and easily be shut off when your lab is closed such as in the evenings, before weekends, or during holiday breaks.
- Turn off computer monitors when they are not in use.



• **Set equipment to the correct temperature ranges.** Check manufacturer guidelines to make sure your equipment is set within the proper range as this will also help your equipment last longer.



• **Keep energy efficiency in mind when purchasing new pieces of equipment.** Look for more efficient alternatives with ACT or EnergyStar labels when replacing broken or outdated equipment.

## WATER



The science building is built to LEED Platinum standards and contains both low flush toilets and low flow water faucets, but it is still important to be mindful of water use and turn off the tap whenever possible.

• **Establish efficient labware washing practices.** Run dishwashers, autoclaves, and cage washers only when they are full, and turn off these pieces of equipment or put them into standby mode when you are done using them.



• **Be conservative with reverse osmosis (RO) and deionized (DI) water.** Both types require extra processing to create, and it can take three gallons of regular water to produce a single gallon of DI water. Try to use regular water in campus labs when possible.

## WASTE



• **Properly dispose of broken or old lab equipment.** If lab equipment needs to be disposed of, please contact Angel Garcia for free e-waste recycling of the item:

**Property Clerk II, Logistics Services**  
**Angel Garcia**  
Email: [argarcia@csudh.edu](mailto:argarcia@csudh.edu)  
(310) 243-2376



• **Recycle nitrile gloves and plastic pipettes for free!** Collection bins and pick-up are provided upon request to Facilities Work Control. Please make sure to get these materials into the bins provided in the lab.

**Facilities Work Control**  
Email: [workcontrol@csudh.edu](mailto:workcontrol@csudh.edu)  
(310) 243-3587

• **Remember to regularly contact EHS to pick up hazardous waste left in fume hoods after experiments are concluded so it can be dealt with promptly.**



• **RSS chemicals are available for all labs and can be used as a tool to collaborate with other labs to see if excess non-controlled chemicals are available prior to purchasing additional supplies.** This can help avoid unnecessary disposal of chemicals and avoid increases in both RCRA and non-hazardous waste streams.