

Mulford Hall



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Building Information

Mulford Hall is named for Walter Mulford, first dean of the School of Forestry, 1914-47. Much of the interior of the building is wood-paneled or covered by planks from native California trees (most donated by lumber companies) or foreign species (most obtained from the 1915 Panama Pacific Exposition). Mulford is notable known for housing the Environmental Science, Policy, and Management (ESPM) Department. The ESPM Department has around 70 faculty and 200 graduate students. Staff have been enthusiastic and active in energy conserving practices.

Observations

Lighting

The rooms mostly use natural light during the day from the available large windows. As evening approaches occupants use lights when the rooms become too dim. The only two rooms with little natural light are the copy room for faculty and mail room for students. Even with dim lighting during the day users of these rooms rarely turn the lights on. In rooms

where lights are used, occupants turn off the lights of the rooms before leaving.

Room lighting was adequate; there was no problem with over-lighting. In rooms with utilized light, many light switches had 'turn off the light' stickers, with a few more placed where there were none. At night, building management turns off all of the lights.

Recommendations

- Consider purchasing task lamps as a substitute for overhead lighting; ensure that task lamps are equipped with LED or compact fluorescent bulbs.

Thermal Comfort

Room temperatures were generally comfortable for the staff. One room had a space heater utilized for colder days. During the warmer months occupants would open windows or, in the rare case, use fans. The staff have said that central heating isn't used because there has been a problem with it. myPower recommends wearing the appropriate attire for every season before depending on fans or space heaters.

Recommendations

- Dress for appropriate temperature.
- Reduce use of space heaters.

Computers/Printers

Mulford has a copy room for faculty use with a copy machine, shredder, and microwave. The copier machine is certified energy-efficient and goes on stand-by mode when not in use. There is another room called the mail room that is specifically for students. It contains one energy-efficient copy machine. Copy machines are used every day.

One of the conference rooms is used daily and has a TV that is used rarely. However, when the TV is used, users forget to turn off the TV screen after they have detached their laptops. We placed an energy conservation sticker on the laptop wire connection to the projector to remind users to turn off the screen after use.

The main lobby has a TV display that is always on for delivering departmental updates or other notices. The TV stays on because restart will reconfigure the TV settings.

Power strips in break rooms are turned off by the last person in the room.

Some rooms have computers that remain running even after the occupants have left for the day. For some, the screens are still on even after hours of idleness. The monitors didn't have energy conservation stickers, and we placed some on monitors with permission. One computer goes on stand-by after one hour.

Recommendations

- Avoid screensavers.
- Clean computer and printer vents and fans regularly.
- TV screen shut-off should be made more apparent, either with stickers or banners placed in an open area where people will notice.
- Display on the lobby TV the real-time energy consumption of Mulford based on the Pulse Dashboard.
- Have computer users turn off their computers before leaving for the day, or at least put them on stand-by.

Kitchenette

Two small refrigerators are constantly in use in two offices. One had items on top that we recommended to remove.

The only microwave located on the first floor is in the mailing room. The microwave experiences little usage.

Recommendations

- Clean coils and fans regularly.
- Continue defrosting freezer regularly.
- Place reminder stickers conspicuously to remind occupants to unplug appliances when not in use.
- Remove items from the top of the refrigerator to allow it to push heat out more effectively and overall operate more effectively.

Other

Water conservation posters were posted near water fountains. Mulford has a lot of colored paper that is no longer needed and they are encouraging staff to use for their printed materials so that the paper is not wasted. Mulford has a storage room with old items, such as inkjet cartridges, chairs, and other supplies. The staff wants to clean up the room without throwing out the items by offering them for

reuse. myPower suggests that they place items in the ReUse shelf in the CNR advising office (260 Mulford).

Recommendations

- Deposit unused/unwanted items in the ReUse space in 260 Mulford.

Further Resources

- Keep stocked with stickers to prompt energy conservation. Visit the myPower Resource Center in 192 Barrows.
- Become a Power Agent: bit.ly/PowerAgents
- Physical Plant Campus Services (PPCS) (510) 642-1032
- myPower office tips available at: mypower.berkeley.edu/takeaction/office.html
- Get rid of old or underutilized electronics at Berkeley Overstock and Surplus: businessservices.berkeley.edu/overstock