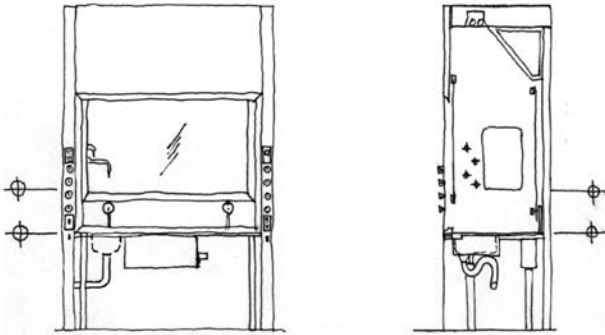


# Accessible Laboratory

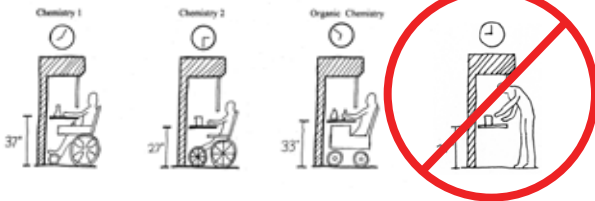
Beyond ADA - Guidelines for Universal Access

## Fume Hoods

- Adjustable worktop
- Cup-sink with chemical resistant hose
- Spill tray
- Color coordinated knobs and nozzles, brail
- Visual and auditory warnings
- Adaptable Fume Hood



USE OF THE FUME HOOD ON ANY GIVEN DAY MIGHT BE AS FOLLOWS.



Chemistry is the basis for a career in science. Because fume hoods are such an integral element in the science environment, they need to be accessible to all. We have designed a universal fume hood with a mechanized adjustable non-corrosive surface worktop that can move from 27" to 37" in 15 seconds. A connected cup sink, air baffle and spill tray adjust accordingly. The adjustability allows for any user, tall or short, able bodied or otherwise, to have access to this equipment.

Fume hood knobs should be both visually and tactically differentiated. Danger is seen with red paint, and felt with a rough finish. Spill and low air flow alarms, likewise, are both visual and auditory to ensure notice for those occupants with sensory complications.

An adaptable fume hood we have created is plumbed and vented as if it was sitting on a 30" work surface, with a 7" pipe extension in storage, and an extension on the exhaust vent.. When the worksurface is located at a standard work height of 37" the 7" pipe extension pipe is attached, and the 7" of venting duct is removed.

