Project: Automatic Hallway Lights
Description: This is in the spirit of think globally, act locally. The hallway of basement of building 20 (animal facility), the building where my lab is, has 2 sets of ceiling fluorescent lights. I haven't counted but I'm guessing lighting consumes >3000 W. Half the lights have no switch and are on 24/7. The other half can be turned on and off with two regular manual switch - needless to say, no one turns them off in the evening. I propose to install a motion sensor controlling the full set of lights at each end of the corridor. At night and w/e when there is little traffic in facility, half or, better, 3/4 of the lights would automatically turn off. Similarly, the lighting in the 2 stairways of the building could be controlled with push button, one each on the first floor and one each on the second floor. The push buttons would activate a timer such that the light go off, say, 1 or 2 min after they were activated.
Budget: electrical contractor
Timeline:
People Involved:
Benefit to Tufts Community: It would save a lot of juice and reduce our C footprint.