

SAR Recreation Team



Mission Statement: Keeping happy people healthy and making healthy people happy.

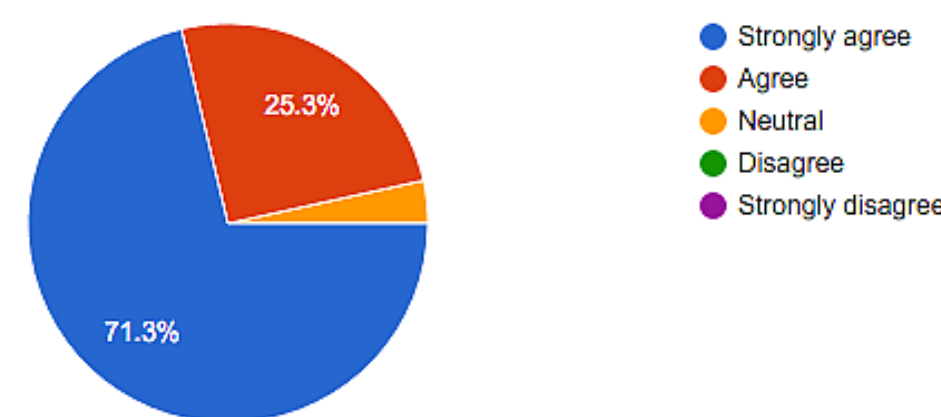
Methodology



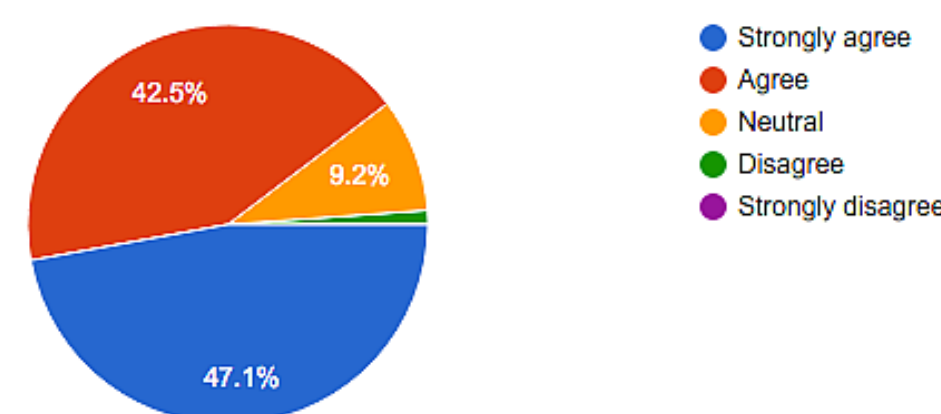
In order to measure air quality, we used two machines: a Q-trak machine, which tested carbon concentrated, air temperature, and air humidity and a Dust Trak machine, that has the ability to measure several different types of particulate matter depending on what filter extension is place on the machine. Both machines were set to take a measurement every minute for each 20 minute reading, a separate test in the morning, afternoon, and night. This meant that there were 20 measurements per room per test day. We completed our testing of each of the 6 spaces correlating to the six different air handlers and tested the cardio room as a seventh site. Upon realizing that we should have tested the weight room as well due to its high rates of particulate matter, we went back to take further measurements. This eighth site we tested three locations at three different times of day to test whether certain points in the room had better air quality than others.

Survey Results

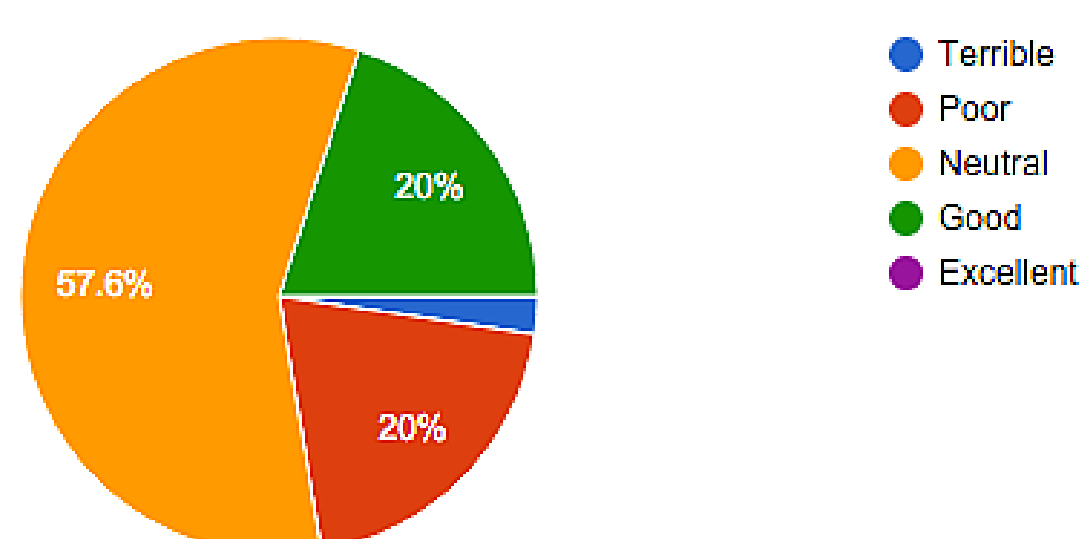
1. Air quality is important to me (87 responses)



2. Indoor air quality affects my exercise performance. (87 responses)



5. How would you rate the indoor air quality in the John Wooden Center? (85 responses)



Leaders: Danna Creager and Max Barnes

Members: Elizabeth Brickley, Alyssa Worsham, Eric Witiv
Stakeholder: Katie Zeller



Air handler tour



Team meeting!



Our research location in the weight room

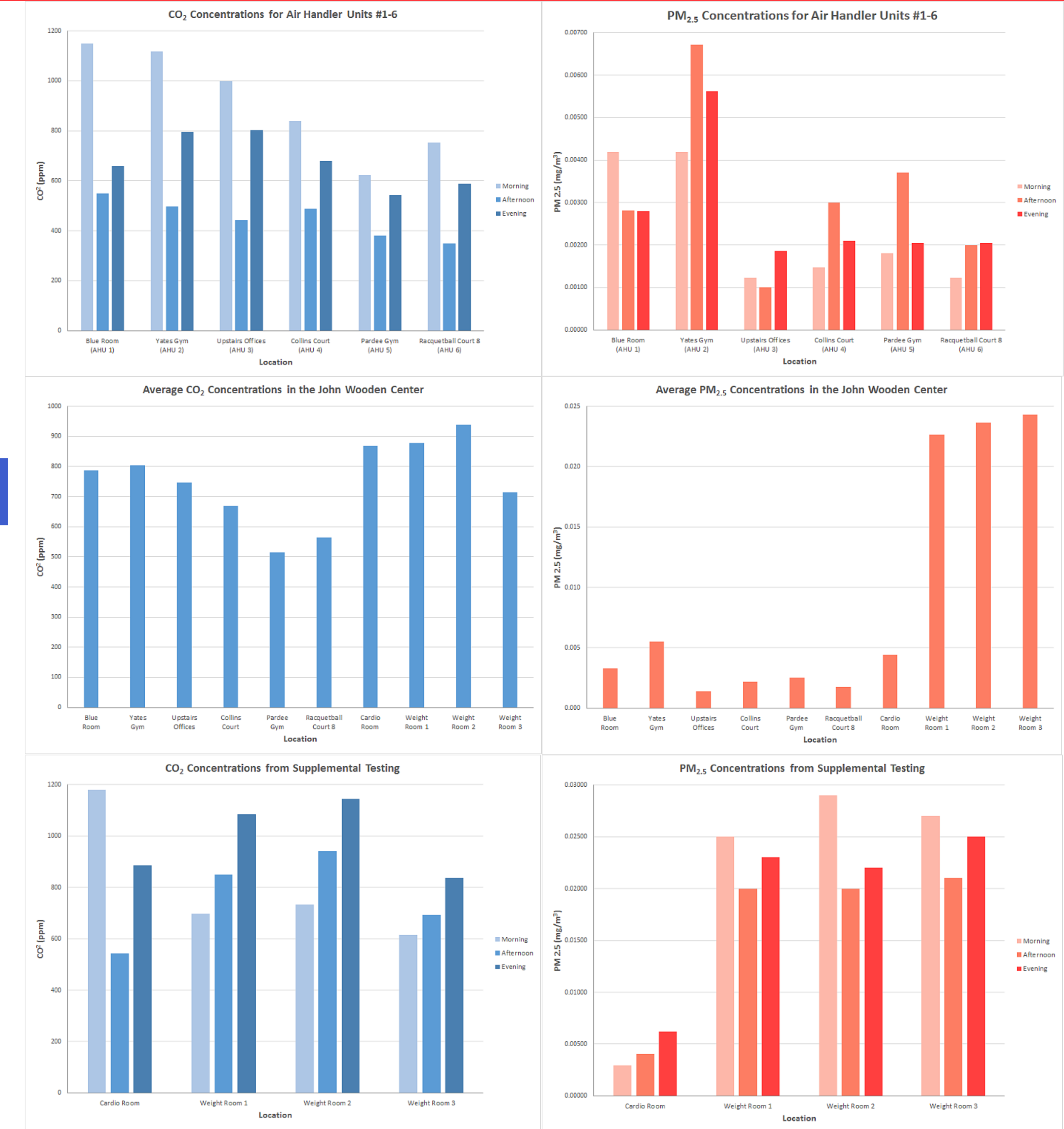


Earth Day Fair!

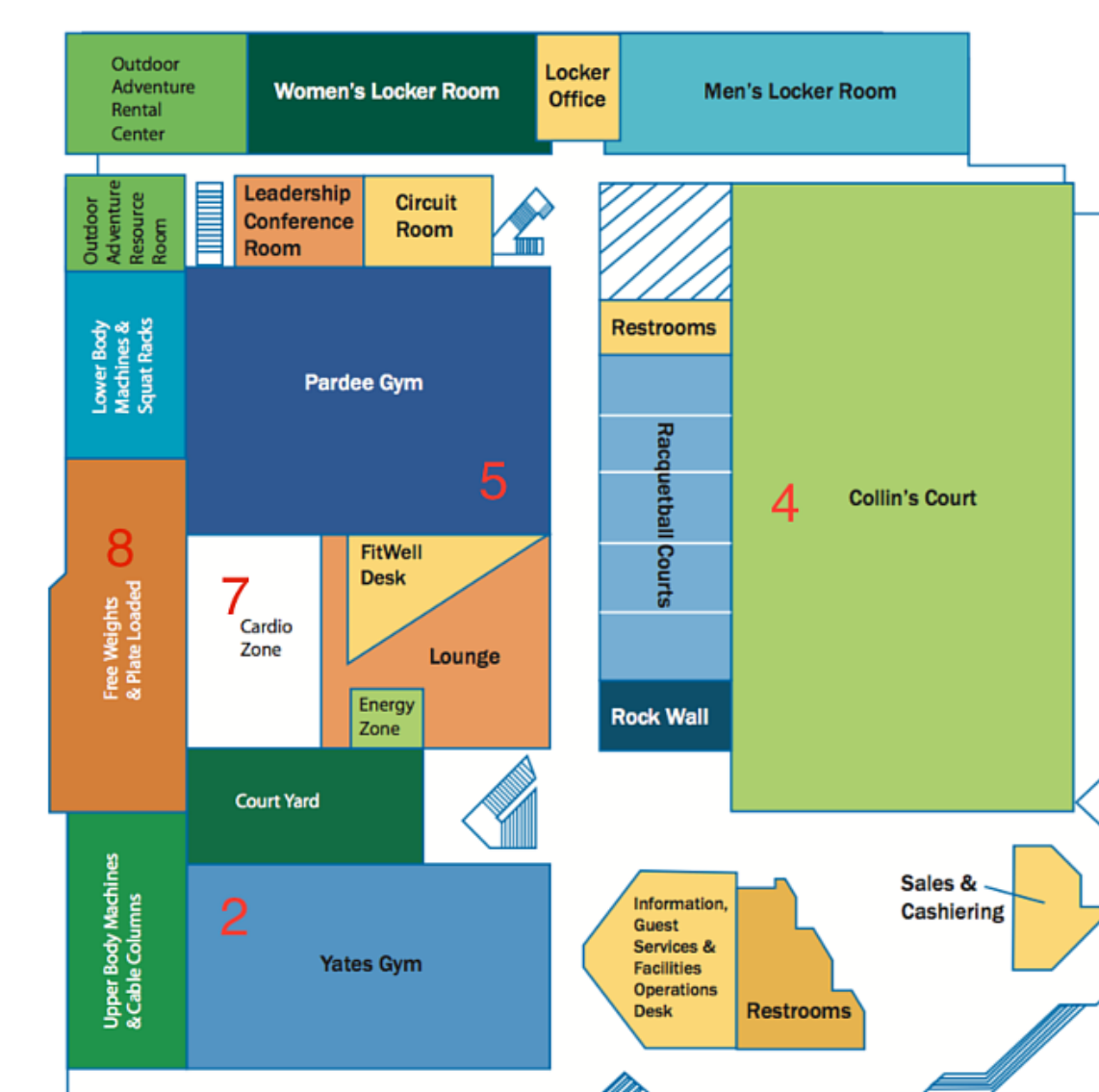


Testing the blue room upstairs in Wooden

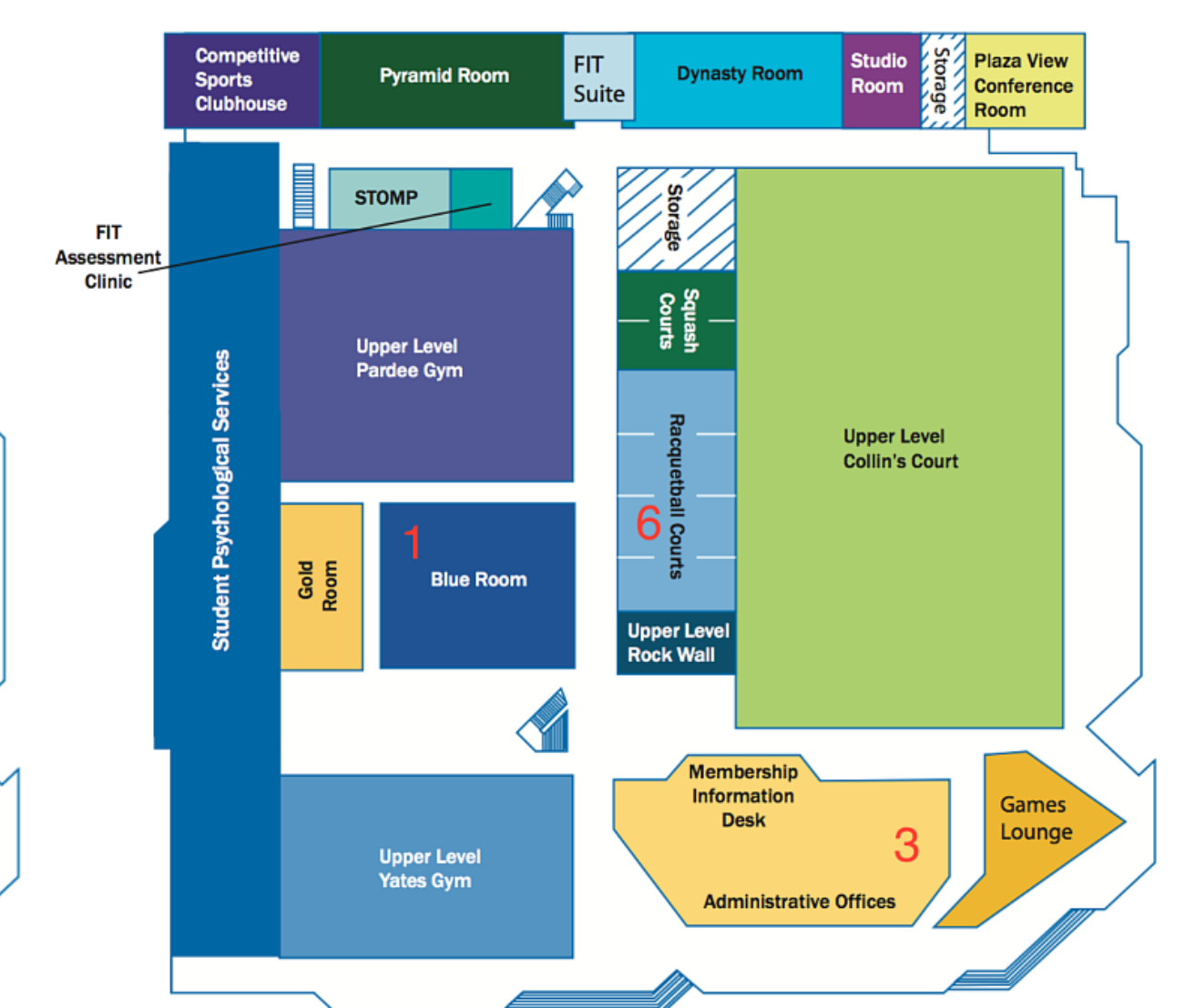
Air Quality Results



John Wooden Center - First Floor



John Wooden Center - Second Floor



Locations of the Air Handlers in Wooden Center

Lighting Protocol

- Enforcing the existing lighting protocol and making sure all new employees know it
- Coordinating with UCLA facilities management about communicating protocol and making sure lights get turned off late at night
- Look into rewiring stair and blue room lights
- Recommend investing in timers for racquetball courts (on outside of courts)