

Tues+Wed, July 2-3 AL

We haven't dirtied our hands in a while...

Contacted Andy for guidance. He gave us a good pep talk and some advice.

Professor Jane Wang gave us a tour of the **Vicon motion tracking** system on the 2nd floor of Kimball. If we intended to use it, we would have to:

- go through an initial training period
- calibrate the video system for each run
- find a way to transport a stationary erg, erg on slides, and dynamic erg from Teagle to Kimball, if we want to compare the acceleration graphs among the different ergs.

I'm not sure that using this system is worth our time, but I've emailed Gregg, one of Andy's students who has used Vicon, asking for his advice. Andy's suggestions to reduce slippage of handle chain on sprocket:

- increase number of teeth the chain engages - currently we can't find a way to implement this
- increase back tension on the chain - this can be solved by increasing pre-stretch in the handle bungee system in the erg's bar.

Happy Fourth!