GEM Rewrite Schedule:

Weekof: tasks

Sept 24: Finish inventory of code + begin design document

* Clean room design document makes coding trivial esp. in a partner project
* Also, makes it obvious how to maintain/ continue to develop moving forward to analysis

Oct 1: Design document for the rewrite

* Having a design document makes it clear how the code will be used
* Knowing how the code will be used makes unit testing obvious

Oct 8: Coding

* Probably redoing most of the I/O and Process loop
* Cleaning up histos/ ensuring that new Process loop runs quick
* Currently analysis script runs through the same data doing the same thing over and over -> Big places for cleanup/ speedup of the codebase

Oct 15: Midterms this week

* Probably still working on the process loop

Oct 22: GONE in Hawaii for APS DNP-JNP conference all week

* Taking a sick break

Oct 29: Coding

* Hopefully well onto the tracker at this point and getting clustering/tracking to talk to eachother
* Probably also still cleaning up the old clusterfinder/ tracker to work with new, cleanroom design

Nov 5: Coding (AT PSI 8-16)

* More cleaning and unit testing, at this point we should be using real run data

Nov 12: Coding (AT PSI 8-16)

* More cleaning and unit testing at this point the real run data can be compared to the old code for speed/accuracy/ tracking down old memory bugs

Nov 19: Gearing up for finals

GEM CODE DONE