

BioSc 1540 Final Project

(Friday, Dec 16th 9-11:50am in A224 Langley Hall)

Goals:

- Summarize what you've learned with your project in a 10min PowerPoint presentation & Final written report (*written report due before 9am Sat, Dec 17th*)

Assignment:

1. PowerPoint Presentation (approx 10 min):

Present a short PowerPoint slide-show explaining what you've learned about your family (basically a short oral version of your written report). Required elements:

1. Background info on your family (***remember that most of your audience has no idea what your family is or does – so expect this to be your longest section***)
 2. Illustration of specific residue/region from the *most current version* of your alignment
 3. Illustration of same residue/region on your PDB structure (if pdb covering this region exists)
 4. Phylogenetic Tree
- Basically what I'm looking for story-wise is: "This is what my protein does, this is why my region/residue is important to my protein, here's my region/residue in my alignment, & here's the same region/residue in my structure – then the phylogenetic tree"

2. Final written report:

Basically your project part 4 with any comments addressed – but do need to add phylogenetic Tree image/discussion.

Files to turn in (4) - due before 9am Sat, Dec 19th:

1. PowerPoint file (presentation)
2. Microsoft Word file (final report)
3. Microsoft Excel file (family members & database searches)
4. Final alignment (.msf)

Additional Info:

1. Presentations in our normal lecture room
2. I'll bring a Mac laptop for your presentations, but feel free to use your own.