**Computational Biology and Bioinformatics Summer Assignment**

*Complete and submit the assignment by the start of RVGS classes*

The summer assignment for our class will consist primarily of watching and taking notes on a series of videos that are posted to our Canvas page. Because several students in the class have not completed biology yet, several of the videos will focus on the main bio content that you need to get started in the class. I will also provide some short overviews of some of the databases and websites that we’ll use a lot. We will return to the databases and tools later with lessons and activities in the fall, and I don’t expect you to be become an expert from just these videos. Think of them as a trailer for a movie – it gives you a sense of what’s going to happen in the movie, but the movie doesn’t assume you already know the plot because you saw the trailer.

Coupled to each video will be a dropbox. Please take some light notes while watching the video and submit those to the dropbox. They don’t need to be full scale “study for a test” type notes – just write down info that you didn’t know before watching the video to help it stick. Just so you know, Canvas tracks your progress watching a video, so I can see if you click around the video and don’t watch the whole thing.

All videos are currently posted, but I would advise you wait until later in the summer instead of watching them right away or you’ll forget the information. I suggest setting calendar reminders in July and early August.

**Directed Study students**:

Skip the assignment above and instead of watching the videos, your assignment is to do research, planning, and/or actively work on your project at least five times over the summer for at least 30 min at a time. In the dropbox under each video, upload a short summary of what you were reading, searching for, or working on. I won’t be reading those in real time, so if you have questions while doing that work, I would suggest you send me an email instead of including it in your dropbox submission.

If you have any problems or questions during the summer, email me!