Protein I

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| Gene-up-to |
| Need to re-read |
| Finished |
| I've completed everything up to part 2B. |
| I am on the last worksheet |
| III.2 |
| finished III |
| Skimmed through and will be finishing this weekend. |
| (III) 22 |
| finished through page 5 |
| I.5 |
| I.B |
| I'm going through part 3. |
| II.19 |
| II.11 |
|  |
| finnished |

I am still playing catch up right now. Didn’t know how overwhelming this semester was going to be. I thought I could catch up during the week but I am going to need this weekend to do so.

I.6

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| Gene-comment |
| None |
| No |
| Not as of now. |
| I am having a difficulty using bioBike and plan to pay the ta a visit tomorrow. |
| Perhaps we could emphasize in the difference between length and sequence |
| I'd like to learn more about bio-bike in general, outside of the listed steps we are told to follow can I utilize the program for research purposes/applications. |
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| No not yet |
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| Not really; I actually just started looking at it today as I somehow missed the "due date" being on Monday. I will take more time to look into it tomorrow and over the next few days and email/contact you/TA's as necessary. |
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| I'd like to discuss how to determine which start codon is the correct start codon when determining the start of a gene. |
| I trust your judgement! Surprise me! |
| No new progress, but I plan to attend the TA session. |
| Nope |

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| VitaD |
| Yes |
| I found it was helpful. |
| No. Yes it was helpful. |
| I found the exercise interesting. |
| I believe the exercise was really helpful in learning to find details of each specific research and how the encompass each other. |
| I believe the group that presented did a good job and our group's results seemed to run in correspondence with theirs. My concern was regarding the intentional error. Even though I get things wrong on a daily basis I was unclear on how to add an intentional error to the slides we had, in what sense should we have done it or what should we have made look wrong? |
| Very helpful exercise and discussion last class |
| Yes it really made us think about finding original articles to the news article in order to figure out results, conclusion and observations. |
|  |
| Exercise was helpful in finding what each article did and didn't do. Might have been better if all the people who had one article came together and discussed what they had found and "verify" they understood it to the best of their abilities. |
| Yes...to some extent. It is a little tricky sometimes to get what you want us to get out of it because I'm so ingrained in the discrete, concrete way of science. |
|  |
| This exercise was helpful in that it pushed me to look into the original article source and pick out the information that could easily be distorted. I thought it was also interesting to notice what population the study was performed on and who was included in order to identify if the results could be validated across the board. |
| Let me start by saying it is a very useful exercise that really promoted a researcher's mindset, but I think that you may have expected a bit too much from us here. In a week or so we were supposed to meet four new people, collaborate an idea that we all agree on with four controversial articles, and meet up outside of class to make a powerpoint slide. Perhaps give us a little more time, or send out an email with a reminder of what you expect in our presentation. Also, your attendance policy makes this assignment a little counter intuitive because students that actually show up to class are potentially embarrassed because the rest of their group is absent. Again, I think this is a great exercise and these are just nitpicks. |
| Yes it was helpful. I understood that we have to do a little extra research to understand what the research article really meant. |
| I thought we were gonna finish that today? |

Yes, once we came around to discuss this topic as a group it was clear how contradictory each article was. In mine specifically the tests administered where too wide ranged and I feel the conclusion to the results were still shambles. The exercise was helpful in seeing how to find necessarily detailed core what research each research article was saying. I now understand how some news articles can twist the actual scholar article’s actual statements not because they mean to. It is just tough tough to interpret an article and pulling certain information without including other parts can also aid in the confusion.

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| strategies |
| No |
| No |
| No. |
| No |
| No |
| I'd like to go further into depth on self repair and how the cell & its components is able to accomplish this. (Also the self assembly link has been broken.) |
|  |
| Having a group discussion about the notes about strategies of life would help. Self assembly notes have a good understanding. |
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| Nope |
| No sir |
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| No, not particularly. |
| The powerpoint slide was quite clever. I know you want specifics with these questionnaires, but I have to speak a little generally here when I say I really hope you use more powerpoint slides with examples in them. They're helpful! |
| Nope. |
| Nope. |

None

It may imply that Dr Who lied.  
The beads act the way they do due to their interactions with the water substrate. A TED talk I saw once noted that if any of the universal constants varied ever so slightly from how they exist now, the careful balance of forces that allows us to exist could not persist. By analogy to our thought experiment, the question then becomes whether a new order might emerge or whether the universe would immediately transition into total chaos if this substrate of forces was modified, kinda like how if you take a carefully organized cellular automata and apply a different set of rules. In either case, it could mean that interdimensional travel is impossible or impossibly lethal.

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| Res-proposal |
| Still confused as to what area to choose |
| Yes, I am happy so far. I might be changing my topic, but I'll know more soon. |
| Yes.  I am happy with my current choice for mentor. |
| I am not happy with my current choice. I looked up to other potential mentors and will be contacting them soon. |
| I'm happy with my current choice, however I might have to either change the research proposal or find a different mentor who has done more research in the topic I selected. |
| Yes the steps are very clearly listed along with the dates. I am patiently waiting on my results considering I am very excited about my candidate mentor, had I known of his research on campus before I would not have waited for BNFO 300 to lead me into a mentorship with him. |
| Yes! I've already got a confirmation that he will be my mentor. |
| The examples really help, but I think I need to make my topic more specific. |
|  |
| I'm happy with my current choice |
| Yes, I believe I am so far. |
| I understand the nature of the research proposal. At the moment, I'm still debating and going further into my topic so I'm not sure if I will stick with my current mentor. |
| The nature of the research proposal is clear and concise. I look forward to starting, especially with my mentor of choice. I think it will be a very interesting topic. |
| Yes, and I am very excited to get started on my proposal! |
| Yes I feel happy with my current choice. Although, I am thinking of doing a project on the molecular biology of Parkinson's disease which is roughly similar to my topic now. |
| I'm clear on how its gonna go down. As far as how I feel about my candidate mentor, he's knowledgeable about the subject from what I've seen, but as someone mentioned last class, not too comfortable contacting him yet. |

The nature of the research proposal is fairly clear at this point but I think the hardest part for me is deciding on a specific topic that is narrow enough to suffice as a good research proposal. Once we find out more about our mentor is it possible to switch if there is a better fitting candidate? I am happy but from the comments will probably have to tweak my topic.

Yes.  
I guess we&#x27;ll find out.

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| Protein\_up\_to |
| Trying to understand section C.Structure and basis for catalysis |
| SQ5 |
| I have read through the notes and went over the study questions. |
| Haven't started it yet |
| SQ5 |
| page 6 |
| Havn't started |
| SQ4 |
| finished through page 5 |
| 0 |
| SQ6 |
| Starting Section C |
| SQ7 |
| SQ3 |
| I will admit, I am a little behind because of the presentation. I hope to catch up this weekend. |
| skimmed it |

I am about halfway through the Protein notes. Again jumping around topic to topic because of early confusion in this course.

SQ5

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| III.Protein\_comment |
| Brief lecture-type outline for the section of info at hand |
| None so far. |
| I don't have questions concerning the notes for now. |
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| I do not have any questions at this time |
| The paper is clear and concise if anything I would like to go over some of the study questions to ensure my understanding of the notes is on par with the learning expectations. |
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| No questions yet, but I'm trying to finish up the reading first before I can ask about what I'm confused about if any topics. |
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| Unclear about the active site for chymotrypsin but will hopefully become clear when going through the Protein notes.   I would like to discuss how predicting the shape and function of proteins from its primary structure is not available today and what it would take in order for that process to become reality. |
| Not at the moment |
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| I think class could be better spent by addressing how to specific use these concepts and apply it into the field of bioinformatics. I understood the material fairly well since I've studied this sort of material in biochemistry and studying for the MCAT. There were a few parts such as the targeting protein section. I looked up some videos on Khan Academy to help clarify. |
| I really like how you had us draw the soap bubble. It was fun to think about how the molecules would behave in water vs air. Really brought out the artist in me. |
| It would benefit me if we talked about how primary, secondary, tertiary and quaternary structures differed. |
| I need to look at it more |

Are material like Proteins and Genes supposed to be review or can it be new material to some of us?

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| ThusFar |
| none |
| None |
| n/a |
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| I'm so sorry...I'm taking my MCAT this weekend and have not been able to devote much time to anything but studying for it. I will be catching up this weekend once its finally over. |
| not as of right now. |
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| n/a |

Bare with me my responses will get better once caught up after this weekend! Since we aren’t really given grades, will we be given progress reports on how we are doing in this class? How will we know if we are doing enough pass the class? The previous year’s pass rate was quite intimidating.

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