

Homework 2. Due by 11:59pm on Sunday 9/10.

Building and maintaining healthy mentor/mentee relationships

Read pages 4–7 of *On Being a Scientist*. Write brief answers to the following questions, by editing the tex file available at <https://github.com/ionides/810f22>, and submit the resulting pdf file via Canvas. We are particularly concerned with the mentorship relationship between a PhD student and their thesis adviser, but you may also consider the broader academic context.

Note: declaring material copied from sources (ChatGPT; direct quotation from the course textbook; Wikipedia; etc) prevents a breach of RCRS. However, it does not guarantee a good answer, or even an adequate one. You are expected to demonstrate that you have thought about the question. A sentence of your own thoughts can show this better than three sentences copied from a source. Combining sources with your own thoughts can give excellent answers, but a brief answer is sufficient.

1. What roles do mentorship relationships play in professional development of PhD students?

YOUR ANSWER HERE

2. What do the mentee and mentor gain from the relationship?

YOUR ANSWER HERE

3. Describe a situation in which the interests of the mentor and mentee are aligned. In RCRS contexts, “interest” corresponds to meaning 11 of <https://www.dictionary.com/browse/interest> (benefit, advantage).

YOUR ANSWER HERE

4. Describe a situation in which the interests of the mentor and mentee are conflicting.

YOUR ANSWER HERE

5. How are mentorship relationships initiated? E.g., how do you find a thesis adviser?

YOUR ANSWER HERE

6. Collaboration: What are the advantages and disadvantages for an aspiring statistician of building a mentorship relationship with a researcher who is not a statistician? This could be in addition to, or instead of, having a mentor who is a statistician.

YOUR ANSWER HERE

7. Describe a way in which a mentorship relationship can turn unhealthy. What warning signs should one look for? What actions can one take?

YOUR ANSWER HERE

8. A graduate student instructor (GSI) can receive mentorship from the faculty instructor. What are the benefits of building a constructive professional relationship while teaching?