

Appendix A: Questionnaire

Motivation for research

1. Doing research is interesting
2. Doing research is fun
3. Doing research is challenging
5. I am able to develop myself by doing research
6. I think doing research is useful for my resume
7. I think that doing research could help me to distinguish myself from others
8. I think that doing research could help me to get a good job in the future
9. I think doing research improves my chances for my preferred residency spot

Self-Efficacy

10. I trust my ability to solve problems
11. When confronted with a problem, I usually see multiple solutions
12. I can solve most problems when I put effort into them
13. I'm certain I can master the skills taught in my study this year
14. I can do even the hardest work within my study if I try
15. I can do almost all the work in my study if I don't give up
16. I feel I am good in doing research
17. I feel I am competent enough to do research
18. I feel I master the skills to do research

Perceptions of research

- 19. It is important for medical professionals to have scientific skills
- 20. A scientific educational programme is important for me
- 21. I enjoy the attention paid to science in this course
- 22. Medical education should be scientific
- 23. A doctor should be able to independently do research

Curiosity

- 24. I enjoy exploring new ideas
- 25. Difficult conceptual problems can keep me awake all night thinking about solutions
- 26. I enjoy learning about subjects that are unfamiliar to me
- 27. I can spend hours on a single problem because I just can't rest without knowing the answer
- 28. I find it fascinating to learn new information
- 29. I feel frustrated if I can't figure out the solution to a problem, so I work even harder to solve it
- 30. When I learn something new, I would like to find out more about it
- 31. I brood for a long time in an attempt to solve some fundamental problem
- 32. I enjoy discussing abstract concepts
- 33. I work like a fiend at problems that I feel must be solved