

Assignment Research Seminar
Name: - Jagpreet Singh Sidhu
Professor: - Kay Robins

Q1. How do you start a research project?

Ans. According to Prof. Kay Robins, research project is a kind of a research program. First she does literature review about the project topic to gain some background knowledge, to know what has already been done. Then she divides the program into small programs and tries to solve each of them. She generates fake data for each small program and tries to statistically analyze and work with them.

Q2. What specific tools do you use?

Ans. Prof. Kay Robins uses library resources to read something about any topic. She also likes to use new computer softwares. If she finds some new useful softwares she tries to work with that. She also uses Google search for finding out about any topic. She does statistics also to compare results.

Q3. How did you gain your expertise with various tools you use?

Ans. Professor thinks that the best way to gain expertise in any tool is to work with them. So she generally tries to do some hands on with the tools to become familiar with them and gain expertise.

Q4. What are some important experiences you suggest for a novice researcher?

Ans. Prof. said it's really important for a beginner to read. But writing is also as much important as reading. So professor suggested to read first and then try to write that thing in your own words. She also said if you are reading any paper about any problem, try to work with that problem. Generate your own fake data and try to work with that.

Q5. If I wanted to learn how to become a competent researcher, what specific tools would you suggest I work with?

Ans. Prof. suggests using library resources like journals, papers etc., Internet, different useful computer softwares, making connections with experts in your own area of research and most importantly be able to analyze your work, are really helpful to become a competent researcher.

Q6. What are the biggest challenges in research?

Ans. According to the professor, getting enough time is the biggest challenge in research. She thinks that, if during her Ph.D. she got some more time then she could explore her research area more.

Q7. How would you advice a novice student to explore a new research area?

Ans. According to professor, to explore a new area, first thing you have to do is to gain some background knowledge about that topic. So for that she suggested to read papers, which has high citations. She also said that while reading paper try to understand the problem and if possible try to do some hands on work.

Q8. How do you select a paper on a particular topic?

Ans. To select a paper professor generally looks for high citations. She also looks for the writer's profile, what he/she has done. She also goes through the profiles of the people who cited the paper. She said that she also selects papers with lesser citations sometimes, if the authors who cited that paper have quite a good profile and are known for their work.