How to Carry out Academic Exchange and Thesis Writing for Postgraduates

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ABSTRACT

Academic exchange and thesis writing are important links in graduate students training. Academic exchange helps to stimulate inspiration and produce good idea, and the thesis is the final product, its quality is directly related to the graduate students' graduation. This paper, based on the experience of the graduate students training, discusses the problems that need to be paid attention to in the field of academic exchange and thesis writing.¹

ACADEMIC EXCHANGE

There are a lot of academic exchanges between teachers and students in the United States, and a lot of communication between peers and research groups, which is very helpful to broaden our horizons and inspire ideas. One question they always ask is that if there are good ideas. With original ideas, a lot of auxiliary things can be remedied, such as mathematical tools, analytical methods and so on. It is hard to get creative results if you have only the tools of the method and no original ideas. The following forms of academic exchange are worthy of reference:

Participation in Academic Meetings

Participation in international and national academic conferences related to your field of study is one of the effective ways to understand the development of the

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subject. The teachers and students in the United States are very enthusiastic about the participation of the top international conferences. My cooperation tutor and my classmates in the United States have invited me to the relevant international conferences. They think that participating in academic exchanges, especially listening to some famous scholars’ subject reports is very helpful to understand the academic development and to inspire ideas.

**Interschool Exchange**

There are academic circles, large or small, among teachers in different American colleges and universities. They have regular exchanges. Generally speaking, there is a seminar activity about a month or so. The teachers and students concerned participate in each other to brief each other on their respective research progress and the results they have achieved. It is very helpful to find and correct the problems in research in time.

**Communication with Employers**

Some tutors can also invite personnel of employing units (troops, scientific research institutes) to participate in academic research activities, not necessarily very formal, and can invite some partners or graduates. Listening to their equipment application and practical needs can also promote the inspiration of new ideas.

**Regular Panel Discussions**

A weekly academic seminar, regardless of summer and winter, throughout the year, is the most important academic activity for teachers and graduate students. There are two main contents, one is to introduce their own work or experimental results, and to analyze and discuss them to find out the improvement and shortcomings. The other is to introduce the papers read this week, summarize the basic ideas of the literature, and introduce its methods, and then discuss with everyone, analyze which ideas are good, which are not in place, or what problems exist.

**THESIS WRITING**

The research direction is fixed through the selection of topic. The accurate data is obtained through the correct experiment. At the same time, the development of the related fields has been learned by participating in various forms of academic seminars. Combine with the ideas and views of his own, the paper can be started. The key of writing the paper is to do the following work:
Attach Importance to Literature Analysis and Research

To sum up the research work of related scholars. We should be good at induction. Divide various documents into several categories, and sum up the ideas, advantages and disadvantages of each kind, in order to lead to your own research problems. This part of the work has already started at the stage of choosing the topic, the purpose is to understand other search work, in order to avoid detours or duplicate the work that others have done. On the one hand, we should read the literature of the top international journals and academic conferences, especially in recent years. In addition, references should also be carefully annotated, especially the definitions of related concepts, the concluding words summarized by others, and the methods used by others.

Method Description should be Clear and Repeatable

Some domestic papers describe the method is very difficult to reproduce. Some are not clearly described, while some deliberately conceal some links. The description of a good academic paper method must be clear, so that people can understand it, and be able to repeat the experiment according to the method you describe, to repeat the results of your experiment to see if it is universal.

Results and Evaluation

The results of the experiment using the method you proposed should not be valid in general terms. It should be compared with at least one of the most recent methods, using generally accepted criteria, to prove in what was your proposed method is better than that of others. This also proves your innovation. The evaluation criteria used should be determined at the experimental stage, because the results are also measured by these criteria.

Revision of Papers

It is common for papers to be rejected in top journals and conferences. My collaborator thinks that rejection is not a bad thing. It means that there are still shortcomings. Usually the reviewers will give detailed suggestions for revision, and these suggestions are very helpful to further improve the quality of the paper.

CONCLUSIONS

Many Americans are proud to say that the reason why their doctorates are highly prized is inextricably linked to their rigorous academic attitude. It is normal for doctoral students to finish their studies for more than four or five years. As long as the experiment is not completed and no high level academic achievements are
achieved, they can only be postponed. It’s also not rare to see people dropping out of school or changing their major. There is no bargaining power in the academic field, and it is only in this way that a high level of research can be achieved.

In recent years, colleges and universities have put forward more stringent requirements for the years of study and the level of dissertations of graduate students. Under the strict norms and standards, the graduate students need to take a more rigorous attitude towards academic research, to choose the research direction well, do a good job in experiments, actively carry out or participate in exchanges, and conscientiously excavate the relevant literature and data, and continuously improve innovative abilities.

REFERENCES