

THE RIGOR OF CREATING A SCIENTIFIC PAPER

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Abstract

Background: There is a determined distinctness with respect to primary and secondary sources. As claimed by the said university, primary sources are regarded as firsthand accounts of authentic events written by an eyewitness. On the other hand, Secondary sources were created by someone without primary experience in the events of constructing the original work (Harvard Library, 2020) [3].

Methods: In this study, individuals were chosen using either purposive or judgment sampling. To get the depth of information, the researchers employed a semi-structured interview guide, the obtained data was transcribed, studied, and categorized into topics. With the utilization of thematic analysis, this study uses Giorgi's approach,

Result: The following themes emerged from the participants' descriptions of their lived experiences in research writing as 1) Struggles and difficulties, and 2) Coping behaviours.

Conclusion: The student nurses develop insight with regards to rigor in writing research. The process of conducting a research is scientific and writing skills and analysis are honed during the process of writing.

Keywords: External Barriers, Triangulating Teamwork, Coping Strategy.

Background

Research is conducted to provide results that would help the world's evolution, and research plays a vital role for the understanding of content and the assessment of researcher's knowledge. Bocar (2013) [1] stated that research is to be done in a precise and systematic manner to build for new knowledge, skills, attitudes and values, or the re-interpretation of existing knowledge, skills, attitudes and values. The Researchers' task is to make use of the existing data to investigate and find results, and analyze whether these newly gathered facts are also true to other environments. In the Philippines, the CHED expresses that the interaction of a faculty researcher with an undergraduate further catalyzes the dynamic learning and knowledge-generation process, to design and conduct research. Scholarly research is encouraged at the outset among the students and they have to continue to take hope in designing, writing, and completing their research. This will afford them an opportunity to draw and consolidate knowledge obtained from classroom lectures, research projects, and other experiences (Mejica, 2014) [2].

The University of Maryland (2020) pointed out that research resources are usually thought of as primary and secondary sources. There is a determined distinctness with respect to primary and secondary sources. As claimed by the said university, primary sources are regarded as firsthand accounts of authentic events written by an eyewitness. On the other hand, Secondary sources were created by someone without primary experience in the events of constructing the original work (Harvard Library, 2020) [3].

The primary objective of this study is to identify the method for coping with the challenges in writing a research paper. The guidelines, along with details regarding the coping mechanism of participants. The study then aimed to explore and understand the difficulties encountered by research participants and their coping mechanisms. Specifically, the study sought to answer the following questions: "What are the difficulties and/or problems that the nursing students encounter in doing their research?" and "How did they cope up with their difficulties and/or problems in doing their research?"

Methods

Research Design

This study used qualitative research design that will be primarily used as an inquiry process of understanding a social or human problem based on building a complex holistic picture formed with words, reporting detailed views of informants and conducted in a natural setting.

Respondents of the Study

The selection of participants is done by means of using purposive or judgment sampling in this study. We utilized purposive sampling to ensure that enough data were obtained from the participants. The participants that were chosen to engage in this study have met the following inclusion criteria: a) studied at PHINMA - University of Pangasinan, b) A Bachelor of Science in nursing students Level II and III, and c) has done research.

Instruments of the Study

A semi-structured interview was used to allow the respondents to discuss experiences or perspectives on a particular topic freely. A semi-structured interview is a midpoint between structured and unstructured interviews in which the interviewer does not strictly follow a formalized list of questions.

Data Analysis

Provided that our research is focused on the difficulties and challenges faced by the student nurses in connection to research writing, we are aiming to utilize a thematic analysis with reference to the analysis of data. Thematic analysis is a method of analyzing qualitative data. It is usually applied to a set of texts, such as interview transcripts.

Results

The findings of the study unveiled the hardships of the student nurses. With the gathered data, the following themes emerged, and conclusions were made within each theme.

Participants as External Barriers. Searching for participants is never simple, mainly when they are having constraints in their schedule. It is imperative for the researchers to proceed with determination and decisiveness in connection with their endeavours in research writing. Majority of the student nurses had a hard time seeking participants.

Delimitations in Review of Literature. Choosing a literature that is relevant to the study is not an easy task for it necessitates a thorough search. The two participants discussed their difficulties in obtaining dissertations and publications related to their study.

Triangulating Teamwork. Research, as rigorous coursework, requires teamwork to overcome obstacles. Nearly all students have resorted to teamwork as a means of dealing with their struggles. Teamwork is the fuel that allows common people to attain uncommon results. All great work is the result of perseverance and patience. The participants have demonstrated that they have used teamwork as a coping mechanism.

Patience, a Code of Coping Strategy. Research, as intensive coursework, requires patience to conquer drawbacks. Most of the student nurses advised that to reach your goals, you must have the determination to overcome obstacles, and the ability to overcome impediments can only be obtained through patience.

Conclusion

The study's findings described the challenges and struggles, coping mechanisms, and epiphanies of the SNs in writing the scientific paper. The study revealed the following implications:

Most student nurse researchers have encountered problems in the availability of their respondents in terms of a scheduled interview, in finding respondents within the range of a set criteria, and in the marked unwillingness of the respondents to adhere to set directives.

With the exception of scouting for participants, the student nurse researchers were also challenged in locating reliable journals and articles that are precisely relevant to their research.

Patience and perseverance of the student nurse researchers lead to a successful outcome of their study.

The student nurses develop insight with regards to rigor in writing research. The process of conducting research is scientific and writing skills and analysis are honed during the process of writing.

Recommendations

Other student nurse researchers may conduct a similar study, but with a considerable sample size of participants, to have a preferable comprehension about the phenomena. Research writing is an extensive topic which can be explored further in other aspects. A study that focuses on the realizations of researchers in their journey in research writing may provide a culmination of our study.

Communication, teamwork and collaboration is highly recommended in dealing with the intensiveness of research writing. To develop good work relationships, share resources, and solve

problems, individuals must communicate clearly and effectively with one another. Communication, teamwork and collaboration are conjectured to increase confidence and productivity in any pursuit that comes in an array of individuals.

Researchers may spontaneously convey their thoughts and sentiments when pressured by the scrupulous process of creating a scientific paper. Furthermore, patience and perseverance are most vital for the researcher's success in the course of research.

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Conflicts of Interest

The authors declare there are no significant competing financial, professional, or personal interests that might have influenced the performance or presentation of the work described in this manuscript.

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