

Research Methodology for Building Dual-Blended Education System : Professional Communicative Skills and Technical Education

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ABSTRACT

Educationist, Academicians' and research experts in the field of curriculum design and career prospects acknowledge the growing and immediate need to meet the increasing demand for new Career options and technical education. Globalization and liberalization opens new prospect of research to integrate communication and professional skills as an integral part of technical education. The idea is not only to increase technical labor but also to add verbal power to technical skills. when designing the Technical education curriculum one has to keep in touch the blend of technical skills and practical communication. the outcome is not to be a focus of what has been learned. In the current educational system, technical education must provide students with the technical skills, knowledge and training necessary to succeed in specific occupations and careers. It should also prepare students for the world of work by introducing them to workplace competencies that are essential no matter what career they choose. The present research paper is to identify current trends and issues in research focusing on and technical education. it takes academic content and studies the most relevant research method to find out broader research framework, needed to make communication skills accessible to students by providing it in a hands-on context. Research Methodology executed in the study and the results shows us the way how to conduct research in a systematic and reliable way. the paper aims to provide suggestions on how to set-up a technical-scientific research framework for experimental research, simulations, surveys, case studies and research by design; and how to consistently and coherently report the results of such research.

keywords : technical education, research, blended, methodology

I. REFRAMING RESEARCH METHODOLOGY TO INTRODUCE REFORMS IN TECHNICAL EDUCATION : AN INTRODUCTION

The introduction is developed in a preamble section that is not labeled as a subsection. The introduction is developed in one to two paragraphs discussing the general context of your research topic. You may recognize this as your background to the study. This is both an expansion of your abstract and a more concise summation of your Literature Review. This will determine the outline of the body of the Literature Review. Think of this as an outline or a thumbnail sketch of the highlights of your Literature Review. Since it is a summation of other author and theorists work remember to cite heavily at the end of the paragraphs or as needed in the text. You

should plan on one to two paragraphs of general context regarding your research topic, which you might consider a state of world affairs briefing, at least the nation of your research topic. Then provide one to two paragraphs of more specific context regarding your topic, this might be considered the state of your community briefing. You are preparing your audience to understand and accept the statement of the problem. For example, you might discuss in the general context the history of synthetic marijuana use. Then in the specific context you might discuss the upsurge in synthetic marijuana use.

Stepping Towards Setting Up Research : Statement of The Problem

You will provide one concise paragraph discussing your research problem. Be specific in describing this problem. For example, you might discuss the problem of the of lack of interactive communication skills and the resulting risks of barriers in communication at a workplace. Remember you have prepared the reader with the preamble above this section.

Why The Research Needs Focus : Purpose of the Study

Discuss in one paragraph what you will do in the research. This is made obvious in the argument of the Literature Review. This is a brief statement of how you will investigate the research problem. For example, the purpose of this study is to examine the prevalence of the use of synthetic marijuana use among preteens which will lead to a prevention and intervention model to be used in community centers citywide.

Importance of the study

Discuss what the benefit will be of addressing the research problem might be to the population of your study, the academic community. For example, Health professionals, educators, staff members, and concerned citizens will have relevant information and an intervention model they might make use of to curb preteen use of synthetic marijuana.

Seeking the Valid Perspective : Theory or Theoretical

A brief discussion of the theory your quantitative research study is investigating, or a brief discussion of the theoretical perspective of your qualitative research. You might have a specific rationalist or modernist theory that describes cause and effect and you would discuss that theory. Or you might perceive this problem to be a result of a social construction in the discourse between parents and children and you would discuss social constructionism, or the conversations in society concerning the benefits of rebellious individualism. So you would discuss the theories of hegemonic language and the process of de-centering the discourse to change the source of power in the discourse. In another example, you might compare the five common health behavioral models to the results of the study and suggest my own intervention model. So you would discuss the overarching theoretical field of behavioral change.

II. RESEARCH METHOD

A concise paragraph describing the research method used to investigate the problem. This can later be expanded into the preamble of your research methods chapter. Cite the textbooks and research articles, which inform you.

Creswell's Research Design, 3rd or 4th ed. Have great discussions of quantitative research methods and useful checklists. Additionally, language from Merriam's, Qualitative Research, can be helpful.

Taxonomy of Key Terms

Keep this brief, if extensive a glossary is required, which would belong in the appendices Each definition appears as a third level heading in this section. Cite the sources of your materials. For example:

De-centering: a means of changing the power of negative or oppressive words and phrases that hegemonic cultures subconsciously use to impose and maintain the power relationships in the cultures as defined and proposed by Jacques Derrida (Hatch & Cunliffe, 2006, p. 311).

III. LIMITATIONS

Most research topics cover areas that are far too multitudinous, multifaceted, complex, or inexhaustible to be addressed in a research study of any scope, say nothing of an undergraduate or a graduate level research paper. There are research directions and research questions suggested by your research topic but are not addressed in this research study. Discuss a few of these to show that you know where your research fits in its scholarly community and that you know what you can accomplish

IV. LIMITATIONS OF THE STUDY

Describe what your research design cannot accomplish due to the scope of the project, limitations of time and resources. However, do not adopt a whiny and petulant tone; you are simply acknowledging reality, as does every other student in your position. For example, Due to the scope of this research project you are not able to collect data from the entire recommended population sample, so your study is limited by the number of participants, or that you used a convenience sample.

V. SUMMARY

Then the author would wrap up the chapter with the summarization of the chapter and a transition to the next chapter as described above. Notice that this section started with a secondary level heading. Each section within a chapter uses a second level heading, which appears in the table of contents, indented and below the chapter heading.

VI. LITERATURE REVIEW

The literature review begins with a Preamble, which is not indicated with a heading. This is presented differently from the introduction chapter. In two to four paragraphs discuss set the context for your literature review and discuss what you will cover or accomplish in this chapter.

VII. SECTIONS

One each as determined by the theoretical construct or theoretical framework and as many as necessary to support the academic argument and exhibit inclusion of the scholarly community(ies) and the student's competence and mastery of the subject. Do not forget current, previous research, and alternate research methods

used to investigate your research topic. Additionally be certain to include critiques of the works you cover in this chapter. These develop the reader's understanding of the context of the research problem and lead to the discovery of the theoretical construct or theoretical framework, the research problem and the research questions. The literature review shows the unique approach of the study and how it adds to the body of knowledge and informs the scholarly or practitioner communities and includes the theories that will inform the research study

VIII. *SUBJECT OF CASE STUDY

This is an alternate section that applies only to case study research. Students pursuing a case study will present an additional section for the subject of their case study. This section will be titled for the case study. This is a thorough discussion of the subject and not an exposition of the data you will discuss in the findings chapter. If you are pursuing a study with multiple cases you will present a section for each case subject.

IX.. REVIEW OF RELATED RESEARCH

Review the methods others have used to explore topics similar to yours and discuss how they inform your perspective and your research project.

X. THEORETICAL CONSTRUCT

In the qualitative research project this is the Theoretical Construct and would include the theory which is based on the theoretical perspective and the factors or subjects which relate, or bound, the theory to the research problem. This is your working theory of the phenomena under investigation.

You will describe your theoretical construct as a model of your research problem. This is the precise meaning (working definition) the factors will have in your study and not the broader meanings that might be apparent in the literature review. You will also develop a visual representation (figure) of your model and present it here in the paper. This is your opportunity to show your competence and your mastery of the literature ante the problem. You might have instructors who ask that the theoretical construct appear in a separate chapter at their prerogative.

Please comply with your grading instructor's request.

Name and define the phenomenon or the outcome state and provide a brief description of each, much like your definition of key terms. This clarifies for the reader the specific nature of your variables and limits their interpretation by critics. Then provide the figure that models your theoretical construct.

Factor one. Use the name of this factor for the title of this heading, and provide a brief and concise paragraph of description. This is the working definition of this factor in your study, other definitions or uses will not apply to your study. Use citations to support this working definition. And so on for each factor which comprises the theoretical construct.

XI. SUMMARY

And of course, end your chapter with a brief discussion of what you have covered in this chapter and transition to the next chapter.

XII. RESEARCH METHODOLOGY

The research methodology section describes the worldview or philosophy, the underpinning practices and procedures for conducting and replicating your research, and the type or research study this is (observation, field, natural, or quasi- experiment). It also informs scholars and practitioners regarding the rigor and the appropriateness of your methodology in relation to the scholarly community in which the research belongs. Some research methodologies are rigid in their expectations and do not allow for variance, while others allow for variation in the form of the research design, which can make each research project unique. This is acceptable as long as the research design is approved by your faculty and can be replicated. Please do not over invest your time until your instructor has approved your research methodology. Cite the textbooks and research articles, which inform you. Creswell's Research Design, 3rd or 4th ed. Have great discussions of qualitative research methods and useful checklists. Additionally, language from Merriam's, Qualitative Research, and Remler and Van Ryzin's, Research Methods, can be helpful.

Students will find examples of suggested sections to include in several types of research methodology. You might find that you need additional sections to adequately discuss and describe your research methodology. Chose the appropriate format in conjunction with your instructor, who may suggest alternative sections and formats as are appropriate to your research methodology. Remember, the instructor has the final say regarding these sections. The option presented below is for a quantitative research project or study, with human interaction or with archived data. The title of this section would not be included in your paper, it is provided as a marker of the beginning of a new section. The preamble would follow directly after the chapter heading: Research Methodology.

Begin the chapter with a preamble (a discussion of what will be covered or accomplished in this chapter and is presented without a subsection heading). Here you might address the worldview or philosophy that guides your research and provide a general discussion of your methodology. Your research methodology is essentially concerned with your strategy for collecting data and informing your readers of how you will ensure the replicability and rigor of your strategy. Your research design might vary depending on whether or not you intend to introduce an intervention and measure its results. Intervention research studies would then include both the plan for the intervention and the instrument you will use to measure the effects of the intervention. Research studies that plan to measure and explain an existing phenomenon without an intervention would include the data collection instrument. Think of this as the warm up for the full discussion of your data collection strategy in the sections below.

*Please note that it is important to distinguish and understand prior to your Research Design (or Research Strategy) section there is a difference between studies involving human intervention and those that rely on secondary forms of data. To start a human intervention study, after the preamble you would begin with the sections: Setting, and Population. Studies using secondary data you would start with Data Source (or Sources) after the preamble and then move to the Research Design section. A study involving both human participants and secondary data you would use all three sections. All three of these sections are described below. Use the ones appropriate to your study.

XIII. RESEARCH QUESTIONS

List and then discuss each of the general questions that determine what methods you will use and what type of data you will collect. These are indicated by the research problem and bound by your theoretical perspective and your research methodology. These are later made obvious in the argument of the Literature Review. For example,

Example one:

The researcher sets out to examine the decision-making styles and the effects it has on employee performance in the workplace. Research was conducted by a content analysis utilizing the results of searching numerous scholarly journals that have conducted research on decision-making styles in the workplace and how leaders arrive at making the decisions they make in the workplace.

XIV. RESEARCH QUESTION ONE (RQ1): HOW MIGHT LEADER'S DECISION-MAKING STYLES EFFECT EM-PLOYEE PERFORMANCE?

Proposition one (P1): Leader's decision-making styles are informed by emotions or feelings. Leader's decision-making styles may effect employee performance by making decisions that are not popular with the employees. Boachie-Mensah, Dogbe, and Ophelia (2011). The main objective of this study was to assess the impact of performance-related pay on the motivation of employees and subsequently, on the achievement of organizational goals. Pay increases or the lack of for employees can have an effect on employee's and the productivity of their work. If the employee feels they aren't being compensated for their work they may tend to decrease in being productive in their work.

Example two:

With numerous organizations as well as government agencies awarding several grants with the intention of narrowing the achievement gap, how well is that impact.

Research question one (RQ1). What is the impact of additional funding on the achieve-ment gap?

Research question two (RQ2). Are there increased numbers of minority students scoring at higher percentages than previously?

It is an anticipated outcome that a model will be created to determine which areas are more in need of this level of funding, which have been successful through the lenses of educators. What it took to achieve this level of success in those programs and how they were funded previously will help develop a model of the actual implementations needed to narrow the gap.

Setting

For studies involving human participants discuss where you will find your potential research participants. For example if you are conducting an observation in the courtyard of the Reagan building you would describe that location and environment in detail, and why it is appropriate to finding the population.. If you are recruiting from a specific government agency you would describe it briefly and then give detail about why it is an appropriate setting for recruiting your population.

Potential participants will be found using the Internet as a search tool. Links to the electronic interview will be emailed to the researcher's personal contacts as well as posted on

Facebook and LinkedIn venues. In-person interviews will be conducted and recorded in a quiet, neutral location where the participants are not in danger and there is no intimidation or coercion.

XV. POPULATION

For studies involving human participants calculate and then discuss the suggested demographics and the sample size of the population. Be sure to support your population choice and then the type of sampling you will use to determine the sample (with citations). Next discuss the population's size and the calculation of your representative sample. For example,

The researcher will seek a voluntary (convenience) sample of co-workers, friends, and friends of friends over 18 years of age, who are known to the researcher as current or past volunteers for a non-profit organization within the United States. Participants will be recruited by the researcher via email or enlisted in-person to complete a 27 question interview that should take approximately 25 minutes. Demographics such as education and race are not variables of this study. Familiarity with the interview participant is of limited concern. There will be no interview questions that delve into specifics about the organization that make the interviewee unwilling or uncomfortable about participation. This should create an atmosphere that allows them to speak freely. The researcher is affiliated with an estimated population of 50 persons who meet the criteria for this research study and anticipates a population pool of 50-100 potential participants. The researcher will seek to interview 10 to 12 participants. Small participant research (also known as small n research) is the expected norm in qualitative research. Such small studies enable the researcher to gain a deeper understanding of participant experience and to develop a thick, rich description of that experience (Creswell, 2009; Merriam, 2009). Recruitment materials are found in Appendix A.

XVI. DATA SOURCE(S)

If you are using any form of secondary data, which might include documents or other non human intervention methods you would discuss where you will find those documents, media, or other data sources and how you will determine which to include in the study. For example, in a content analysis (analysis of several documents) you might describe the data bases you will search for relevant scholarly articles, and offer some examples of search terms and criteria you will use. Then show some examples of articles you have retrieved in a list of brief annotated bibliographies. Or you might use a publicly available data set. The data might be from a data set found as a result of a search of the department of Labor statistics site or the ICPSR site. Name the research study, state why this data was developed and its purpose. Discuss the data set, the information, and the variables that will be used from that data set in your research study.

XV. ETHICAL CONSIDERATIONS

There are always ethical considerations to a greater or lesser degree depending on whether or not you are using human subjects and the level of invasiveness your intervention or data collection instrument. Think them through carefully. Look at other similar studies for

suggestions. Be sure to discuss what is required of the participant, what their rights are, what risks the participant might encounter, and what benefits the participant might accrue. Note also whether or not this study is approved by the BGS IRB Committee. Your readers need to know you understand your responsibilities, that

you will communicate appropriately with the participants, and that your research is aligned with the BGS and Trinity IRB policies. Use the language in Creswell's Research Design, Merriam's Qualitative Research, and Remler and Van Ryzin's Research Methods in Practice.

XVI. RESEARCH DESIGN

Discuss in narrative form the detailed step by step process of how you will conduct the entire research study (the collection of your data). Think of this as the operator's manual for your experiment that you might share with others so they can be assured that it is replicable and of the rigor of your experiment. Give a step by step how to description that another would follow to replicate your methodology. You might start by making a bulleted list in another document, and then narrate that list here in this section. It needs to have enough good detail to eliminate assumptions or the need to ask questions without becoming so granular in detail that no one will read it. It is a balancing act between too much information and not enough information.

Cite the textbooks and research articles, which inform you. Creswell's Research Design, 3rd or 4th ed. And Merriam's Qualitative Research have great discussions of quantitative research methods and useful checklists. Additionally, language from Remler and Van Ryzin, Research in Practice, can be helpful.

XVII. **PROTOCOLS**

In the sections below you will describe your data collection instruments: how they were developed, why the types of questions were used, and the protocol for how you will administer the instruments to gather data. . For example, you might give a pre- and post-test to effect (cause a result) an increase in competencies. The intervention would be the educational seminar or training event to increase the competency. The pre- and post-tests would replace the interview or the questionnaire.

XVIII. *INTERVENTION PROTOCOL

Discuss the objectives of the intervention, how the intervention was developed, and how it will proceed. Then provide the supporting materials as necessary (agenda, handouts, brochures, etcetera) in your appendices. If you are presenting a seminar or a training event you would need to discuss how it was developed, the theories that support its use. Then discuss how you will administer the intervention. Discuss where the interaction with your subjects will take place.

XIX. INTERVIEW INSTRUMENT AND PROTOCOL

Discuss how the survey will be conducted and provide the supporting materials. Discuss how the survey was developed. What was the logic behind the determination of specific questions? What information might you gain from their use in your protocol? Discuss the types of questions included and the types of data they will provide. Also, be certain to give an example of each response type you might use. For example, multiple choice, fill in, true/false, yes/no, scaled response (Likert or otherwise). Creswell's Research Design, 3rd or 4th ed. And Merriam's Qualitative Research discuss open-ended, semi-structured, and probing or clarifying questions, what a researcher expects for responses, and why we choose them. Further, you might refer to Schensul, Schensul,

and LeCompte's Essential Ethnographic Methods for a discussion of developing an interview and administering it to your participants.

Discuss where and how the interaction with your subjects will take place. If you are conducting an intervention and then a survey, describe where the interview will take place, how you have arranged the setting to ensure the appropriate level of quiet, intimacy, and privacy, and so on.

XX. DATA ANALYSIS STRATEGY

In this section provide a concise discussion of your intended strategy for analyzing your qualitative data. It is important for your audience to know what you will do with the collected data and that it fits well with your worldview, research philosophy, and research strategy. For example,

Qualitative data analysis searches to describe general statements about relationships and themes present on the data. Wolcott (1994) states the term analysis is a generic term that embraces the three basis categories when analyzing data: description, analysis and interpretation. He suggests these categories are not exclusive; neither visibly separated by a line, yet identifying and distinguishing each one may be useful to organize and present the data. In qualitative data, especially content analysis, the data collection and gathering is simultaneously receiving some kind of interpretation. The reading of the data to follow the criteria to inclusion on the database, leads to initial interpretation and understanding of the concepts, and it depends on the researcher, the analysis can begin while collecting data (Marshall & Rossman, 2006). Reflecting over the conceptual framework, and questioning the data, the ideas emerge on categories through the engagement with the texts. Categories of inclusive patterns and meaning, yet exclusives, are generated according to the existing framework. In a related strategy, themes are discovered within the data, and the researcher creates deductive constructed-analysis (Marshall & Rossman, 200)

This study analyzed the first coding process through Initial coding. This type of coding was chosen to examine, compare and search for similarities and differences throughout the data, and as Charmaz contextualizes "...to remain open to all possible theoretical directions indicated by your readings of the data." (2006, p.46). The second level coding chosen, was Pattern coding. Pattern coding gave to this study the basis to explain major themes underneath the segments of the data; patterns in human relationships, the search for causes and explanations to the possible phenomenon, and finally, the platform to construct frameworks and processes. To conclude, a

Triangulation of the patterns and themes, creates new levels of understanding the existing knowledge by reviewing the interviews in a comparative analysis with the previous two levels of coding (Saldaña, 2009).

XXI. SUMMARY

As always summarize the chapter to remind your audience of what was covered and to reinforce it on their memory. Then transition to the next chapter.

XXII. FINDINGS

As in the previous chapters the findings begins with a Preamble, a paragraph describing what will be covered or accomplished in this chapter.

In the findings chapter the researcher will describe and define (analyze) the data collected, and only the data collected. The task is to simply describe and define the data without assigning significance, value, or meaning. This shows that the researcher understands what has been collected and remains neutral and unbiased in confronting the phenomena of the data. Ascribing significance, value, or meaning is the task of the final chapter, Discussion. Qualitative researchers might begin the chapter with a brief (concise) discussion of the major themes, categories, and patterns. Then review the findings from the data analysis in relation to the following headings:

XXIII. PARTICIPANTS

Discuss those who actually participated if you have human interaction, whether this is general descriptions of the sample if you did not collect demographic information, or more specific descriptions if you have more specific demographic information. It is important to be sure to use pseudonyms for the participants, others they name, and their organizations. Methodologies that depend on sources other than human participants should offer a description of the materials they include. For example in a content analysis you would give an annotated bibliography for each scholarly article included in the study. For example, The researcher selected participants were by convenience and also from those who interviews, 34 online interviews had to be omitted for being incomplete, a 63 % response rate.

XXIV DATA ANALYSIS STRATEGY

This is a narrative outline of how you will conduct your data analysis and coding. Think of it as the How to guide that others would follow to replicate your data analysis and coding. Discuss in narrative form the detailed outline of how you will conduct the entire analysis of your data. Think of this as the operator's manual for your experiment that you might share with others so they can be assured that it is replicable and of the rigor of your experiment. Give a step by step how to description that another would follow to replicate your methodology. You might start by making a bulleted list in another document, and then narrate that list here in this section. It needs to have enough good detail to eliminate assumptions or the need to ask questions without becoming so granular in detail that no one will read it. It is a balancing act between too much information and not enough information.

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XXVII. DATA ANALYSIS AND CODING

Qualitative methodologies should include three levels of coding to ensure the rigor of your analysis. These are each third level headings (that do not appear in the table of contents) much like the items under the definition of key terms or the Theoretical Construct.

Primary level coding for naming from concepts to categories and then to themes. The initial coding phase was completed through the process of Structural coding, in which the initial raw data (taken through brief notes collected by the researcher during the interview process) was labeled. The Structural coding of the raw data developed the —memo-code,|| in which the following nine labels were assigned: Family, Environment, Community,

Gender Roles, Identity, Relationships, Education, Language, and Faith/Religion. The process of Structural coding is —designed to start organizing data around specific research questions|| (Saldaña, 2009, p. 51). The memo-code derived from the first-level coding are the various aspects of Latino culture that indicate a significant correlation to the authentic leadership formation of Latina women. Figure 2 depicts how the initial coding labels inform the four constructs of authentic leadership. During the second- level coding process, Pattern coding, the researcher recoded the data from the first-level coding by grouping the nine labels into three categories or themes.

Secondary level coding to analyze the relationships between the themes resulting from the primary level coding.

Pattern Coding. The second-level coding phase of the data analysis process, Pattern coding, resulted in the meta-code: the three categories or themes ascribed to the nine initial labels derived from the raw data. The first meta-code theme, named Traditional aspects, include the initial first-level coding labels of Language, Faith, and Family. The researcher found that these three labels contained the most traditional and deeply rooted aspects of the Latino culture.

The second meta-code theme is identified as the Evolving aspects of the Latino culture and encompasses Education, Community, Environment, and Identity. These first-level coding labels are aspects of the Latino culture that are likely to evolve based on external influence, such as societal pressures, social trends, and so on. For example, the ethnic terminology that a Latina may use describe herself in terms of her cultural identity may change over time, in the same way that various terminologies to describe a group of people have been used in

our society, such as Negro, African-American, Black, minorities, people of color, Chicano, Hispanic, etc. It is inevitable that one's community and environment change, and the standards for education are also likely to change over time, based on aspects that are not controlled by the individual.

XXVIII. DISCUSSION

As in the previous chapters the discussion begins with a Preamble, a paragraph describing what will be covered or accomplished in this chapter. Use this to provide a brief preview of what will be covered in this chapter.

This is the chapter that all the work is for. Here you will use the competencies of synthesis and evaluation to develop connections between what is known and what emerges from the research project to create new understandings or new knowledge. You will show that you have a mastery of the topic; a command of the data collected through the project, and have resolved, answered, or addressed the research question(s). This is a tall order and requires a great amount of reflection and creative thought. Allow yourself space for this to happen. It is a shame to accomplish all of this work only to restate what is obvious while missing the gems hidden in your analysis.

The discussion of the significant data from the previous chapter, Findings, will provide the basis of the material for the researcher in addition to knowledge expressed through or inferred by the Literature Review. You as the researcher will determine value and meaning to data based on the expertise gained through the Literature Review and in analyzing the collected data. For example, you will explain why a theme of hope for battered children means something important to the research and to the research question(s).

On occasion, the data will suggest concepts that were not discussed previously in the Literature Review and the researcher will include a concise literature review on these emergent concepts as a subsection in this chapter. It is important that the researcher limit the discussion to the materials from the Literature Review and the Findings. This information provides the evidence upon which we make evidence-based conclusions, and this is after all the goal of scientific methodology and empirical research. Then the discussion chapter includes the following sections:

XXVIII. RESEARCH QUESTIONS

Discuss your findings or results in relation to your each of research questions in order of the questions. Present each research question as a third level heading with related discussion following it. For example:

RQ 1: restate the research question.

Then start a new paragraph below it for the discussion of that research question, which would include significant findings related to the questions and what it means to the research.

RQ 2: and so on

P1: restate the proposition.

P2: and so on

Then start a new paragraph below it for the discussion of that proposition which would include significant findings related to the proposition and what it means to the research.

Research question one (RQ1): What NPO volunteer management practices influence a volunteer's decision whether to stay with the organization or to leave?

Based on the shared views from volunteers who participated in the study, this research identified four frequent factors that determined a volunteer's decision to leave or stay with an organization: no opportunity for development/boredom; inadequate / lack of training hampered execution of the task also, inadequate / lack of training resulted in job confusion; reward and recognition of benefits.

XXIV. CONCLUSIONS

Now that you have thoroughly discussed of the significant data, reflect on what most important that has emerged from this empirical study, and what can you infer from it. This is the climax of the research and it should reveal more than the obvious. It should express your ability to synthesize the information you have gathered and then evaluate it to find new a understanding or new knowledge of the research topic, and it should show that you have addressed or resolved the research problem. After all that is the point of the research project.

The transformations taking place in society embraces human being's inclusiveness in designing their lives from a place where the individual surrenders to the idea of a holistic human nature including the spiritual wellbeing. The idea of wholeness redirects to a complete participation, responsibility and commitment in the designing of one's environment.

Appreciative inquiry suggests to look for what works and to do more of it (Hammond, 1998). However, presently, to look for what works and to appreciate it, is a real challenge in society as a whole. The culture society has been built upon in the last century, is a negative construct of own reality. The duty of AI starts in this point, acknowledging the need and the inner capacity to focus consciously on appreciation; not aiming to deny, on the contrary, recognizing that positive and negative are amalgamated in everything reality creates. After that, AI brings the possibility of enlarging the degree in which the appreciative approach takes place in every part of what constitutes our immediate and social environment: relationships, working environments, personal needs; and the most important, widen the extent of acknowledgement for the appreciation of oneself inner capabilities and strength.

Recommendations and Implications for Theory, Research, and Practice

Earlier in the introduction, you determined delimitations (areas of research suggested by your topic but not addressed in this research study) and your limitations (items that could not be accomplished due to constraints in your population, time, or resources). When you compare these to what you have discovered through your data collection, data analysis, and discussion you will very likely see that your study reveals recommendations you might make regarding the theory guiding this study, future research, or the field of practice (i.e., hiring practices, leadership development, educating youth regarding risky behaviors and HIV infection). These recommendations or your data analysis might imply effects of implementing your recommendations, which leads to implications. Also, you might consider these as ancillary benefits of your research (beyond the research significance stated in the introduction). Discuss them briefly here to indicate how others might make best use of your work.

For example if your research were to indicate the adoption of a model for measuring and evaluating effective border security you would make that recommendation. However, implementing this model might have implications, such as the need to develop and implement a process for quickly returning those who illegally cross the U.S. border to prevent their detention in tent city prison camps, and a procedure for quickly moving dangerous criminals to proper prisons. The adoption of your recommendations might alter the amount of aid

states receive inprocessing illegal border crossers, which might have implications for staffing programs and aid funded through these monies.

XXV. SUMMARY

Unlike the previous chapters the summary in the discussion chapter is a much more robust and detailed section. You will be expected to review the purpose of your research study by revisiting the statement of the problem, the significance, and the research questions. Then review significant findings, significant conclusions, and implications or recommendations. This often takes at least three to four paragraphs. So do not short change your paper as you cross the finish line.

Think of the final summary as an extension of your abstract, but with more detail and in a much more narrative style. This is a great opportunity to show how well you understand your project and to assist others in doing the same. Often in reading a research study for content, professionals and scholars read the abstract, this summary, and then decide if your study is of interest, or of use to them. Make your study more relevant and likely to be used by others.

REFERENCES

The references section is written with a paragraph in the hanging indent style and with a sentence space of 1.5 for improved readability. There must be a reference for every work cited, and nothing should be referenced that is not cited, in the entire document. See the APA 6th Publication Manual, chapter 7 for the appropriate reference styles for each type of source used.

Your reference section should include every work cited in the paper. The reference section of an APA research paper is unlike a bibliography from other publishing styles. The reference section of this paper may only include works that you have cited in the document. You may not include items that influenced you, or are recommended reading, only include what you have actually cited.

For example,

- [1.] Corra, M. (2009). The state of Black America: On the heels of the election of Barack Obama as the first African American President of the United States. *The Western Journal of Black Studies*, 33(3), 192-211.
- [2.] District of Columbia Board of Elections. (2013, January 9). Administrative Hearing No. 13-01 Re: Formulation of proposed charter amendment ballot language. Washington, DC.
- [3.] Duffy, B., Wake, R., Burrows, T., & Bremner, P. (2008). Closing the gaps: Crime and public perceptions. *International Review of Law Computers & Technology*, 22, 17-44.
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- [5.] Hartnagel, T. (1979). The perception and fear of crime: implications for neighborhood cohesion, social activity, and community affect. *Social Forces* (University Of North Carolina Press), 176-193.
- [6.] Lanning, K. (2008). Democracy, voting, and disenfranchisement in the United States: A social psychological perspective. *Journal of Social Issues*, 64(3), 431-446.
- [7.]