

**Methodology Revisited:
Reflecting on the Research Design**

From Dissertation Titled: A Case Study Investigating the Strategies Used by
Preclinical Osteopathic Medical Students to Successfully Transition to Their
Clinical Years

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Agenda

Purpose Statement

Overview of the Case Study

Reflection

Proposed Plan

Questions

Purpose of Study

The purpose of the study was to understand the academic and personal challenges Osteopathic medical students face and the strategies they used to successfully transition from their pre-clinical to clinical years.



Research Question

How do students in their preclinical years navigate challenges and successfully transition into their clinical years, in an osteopathic medical program at a private university in Florida?

Research Sub- Questions

1. What are the specific strategies used by this group of students that relate to Bandura's theory of self-efficacy? (Bandura, 2010).

2. What are the specific strategies used by this group of students that relate to Kelley and Michela's interpretation of attribution theory? (Kelley & Michela, 1980).

3. What strategies have the students who passed the COMLEX Level 1 reported to have used to be successful on the first attempt?

4. What strategies have students who required more than one attempt to pass the COMLEX Level 1 used to successfully pass the exam?



Target Population

The target population for this study were the third and fourth-year medical students who successfully transitioned into their clinical years as well as those who transitioned successfully after having faced academic difficulties.

Interview Groups

Group 1 - Interview two osteopathic medical students who passed the COMLEX Level 1 on their first attempt and identify the strategies that they used to be successful.

Group 2- Interview two participants who required two attempts to pass the COMLEX Level 1 and identify the strategies they used.

Group 3- Interview two participants who required three attempts to pass the COMLEX Level 1 and identify the strategies they used.



At the time, the case study approach was determined to be the most appropriate to acquire an in-depth understanding of the strategies osteopathic medical students used when navigating the academic and personal challenges they faced during their preclinical years to persist in medical school.

Qualitative Case Study Research Design

Reflection

Due to the nature of the findings and their limited usefulness in informing practice have led us to revisit the methodology.

Reflecting

Topic of Sensitivity

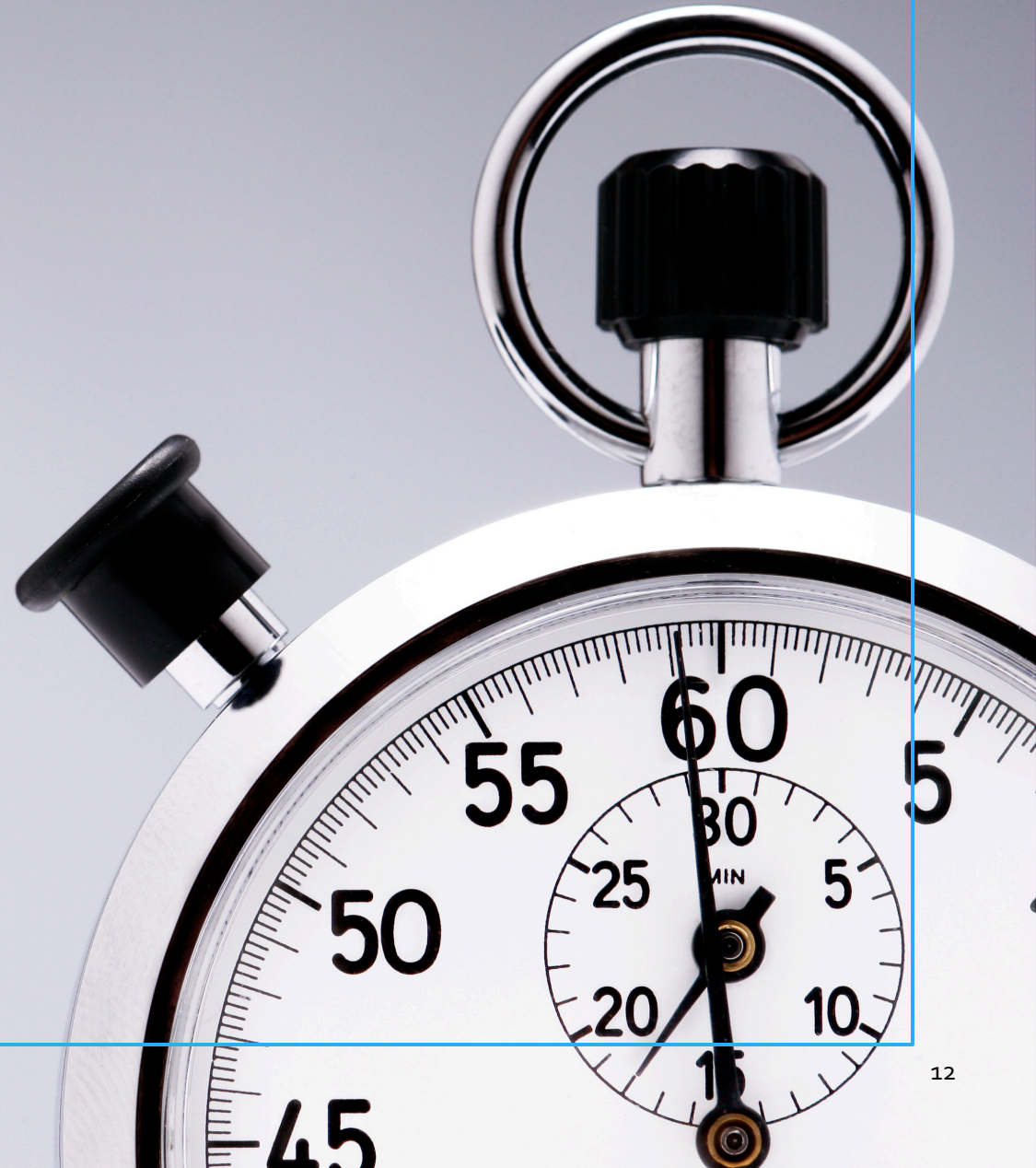
Time Factor

Zoom Interviews



Addressing the Topic of Sensitivity

Addressing the Time Factor



Addressing the Zoom Interview



“

It is important that the individual experiences and humanity of each member be represented fully as possible

”

(Ruggiano, 2022, p.62)



Including
Those Who
Failed to
Transition





Comprehensive Understanding of Challenges and Strategies



Identification of Support Needs and Interventions

Multiple Phenomenological In-depth Interviews



Interview 1 Reflection on experiences pertaining challenges aimed to address research question 1 and 2.



Interview 2 Reflection on experiences pertaining challenges aimed to address research question 3 and 4.



Interview 3 Reflect and expand on the meaning of those experiences.





Summary

References

Bandura, A. (2010). Perceived Self-Efficacy in Cognitive Development and Functioning, *Educational Psychologist*, 28:2, 117-148.
http://doi.org/10.1207/s15326985ep2802_3

Kelley, H. H., & Michela, J. L. (1980). Attribution theory and research. *Annual review of psychology*, 31(1), 457-501.

Ruggiano, C. (2022). Adapt and Serve the Community!: Voices of Families of Youth of Color in Predominantly White, Rural Communities. *The Rural Educator*, 43(1), 54-73.

A group of people in a meeting, with the word 'Questions?' overlaid in white text. The image is a blurred photograph of a group of people in a meeting or conference room. The people are dressed in business casual attire. The word 'Questions?' is written in a large, white, sans-serif font across the middle of the image. The background is a soft, out-of-focus light blue and white.

Questions?



Thank you