

Research Literacy in Nursing: Engaging Graduate Nursing Students Into Clinical Research Through Publication

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Introduction

Research literacy refer to the ability to access, interpret, critically evaluate empirical studies in the literature. Historically, nurses from clinical background entering graduate school may not often have a clear understanding of the research process. In a published study titled “Dissemination of research into clinical nursing literature” the authors revealed that the nurse does not have access to research in clinical journal. The lack of understanding to how nurses could play a role as an active participant in research and lack of resources may be the reason for little interest. Knowledge related to nursing research may need a different pathway to improve nursing research literacy. The purpose of this propose study was to explore how graduate students taking a Methods of Inquiry course that includes a knowledge-to-action approach.

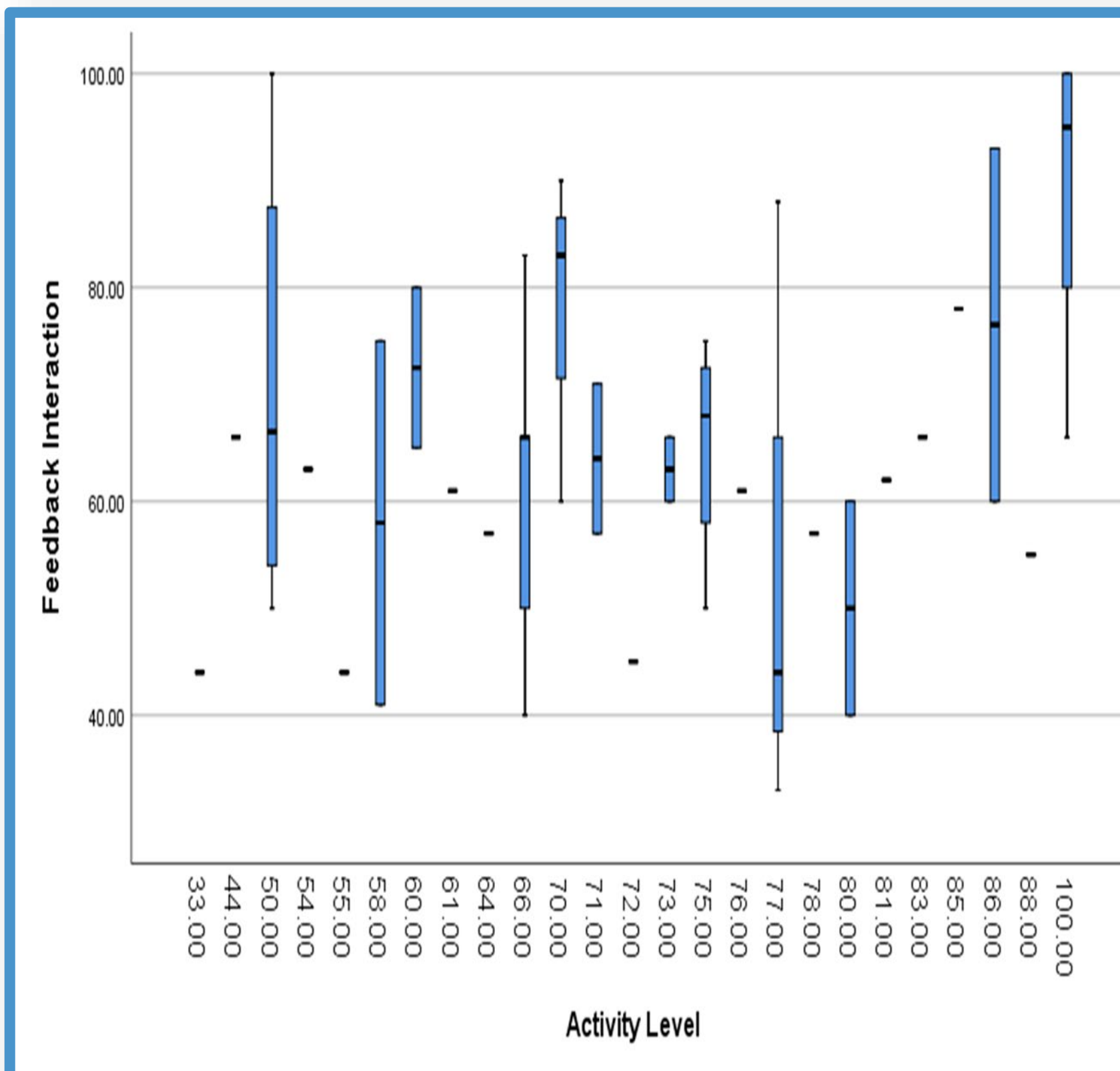
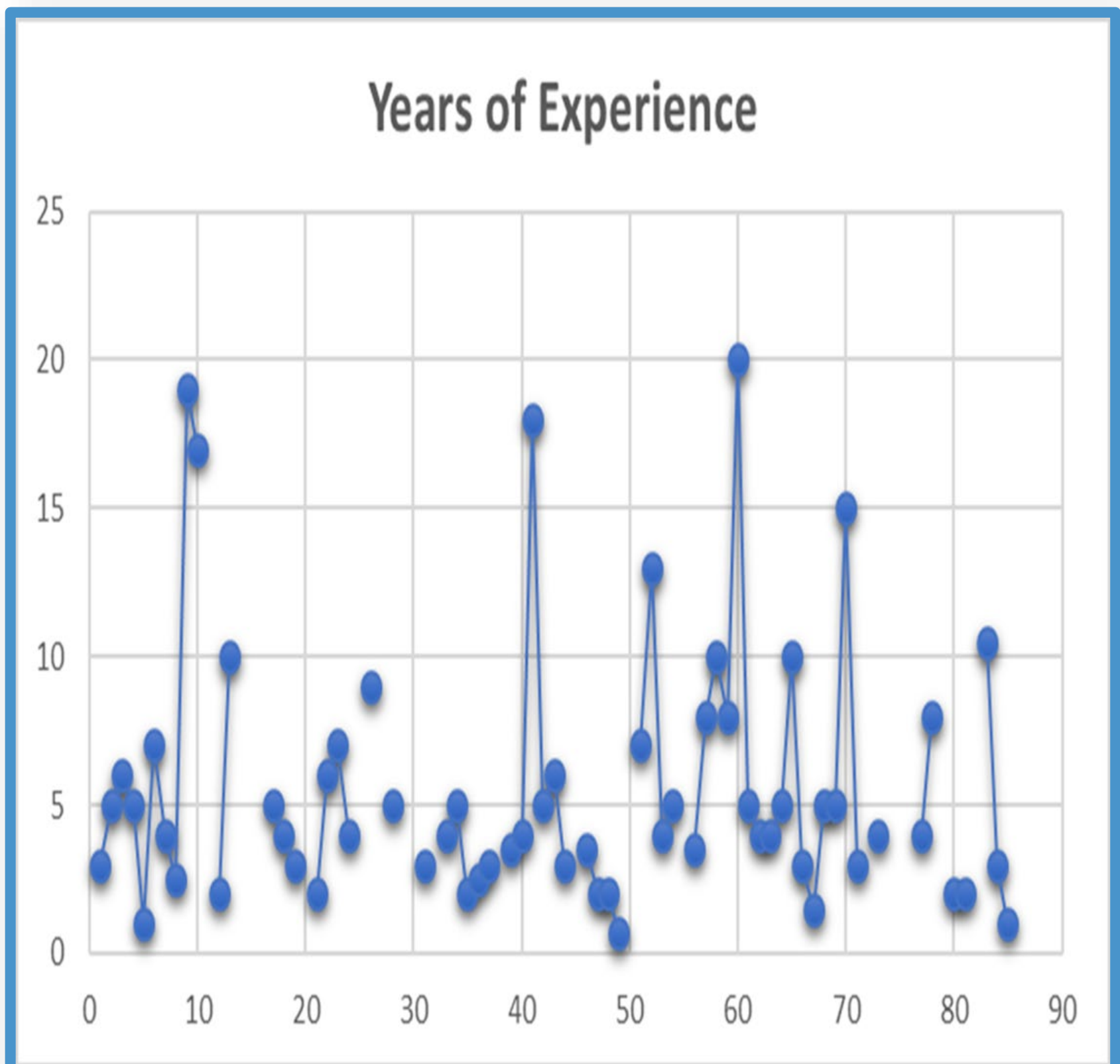
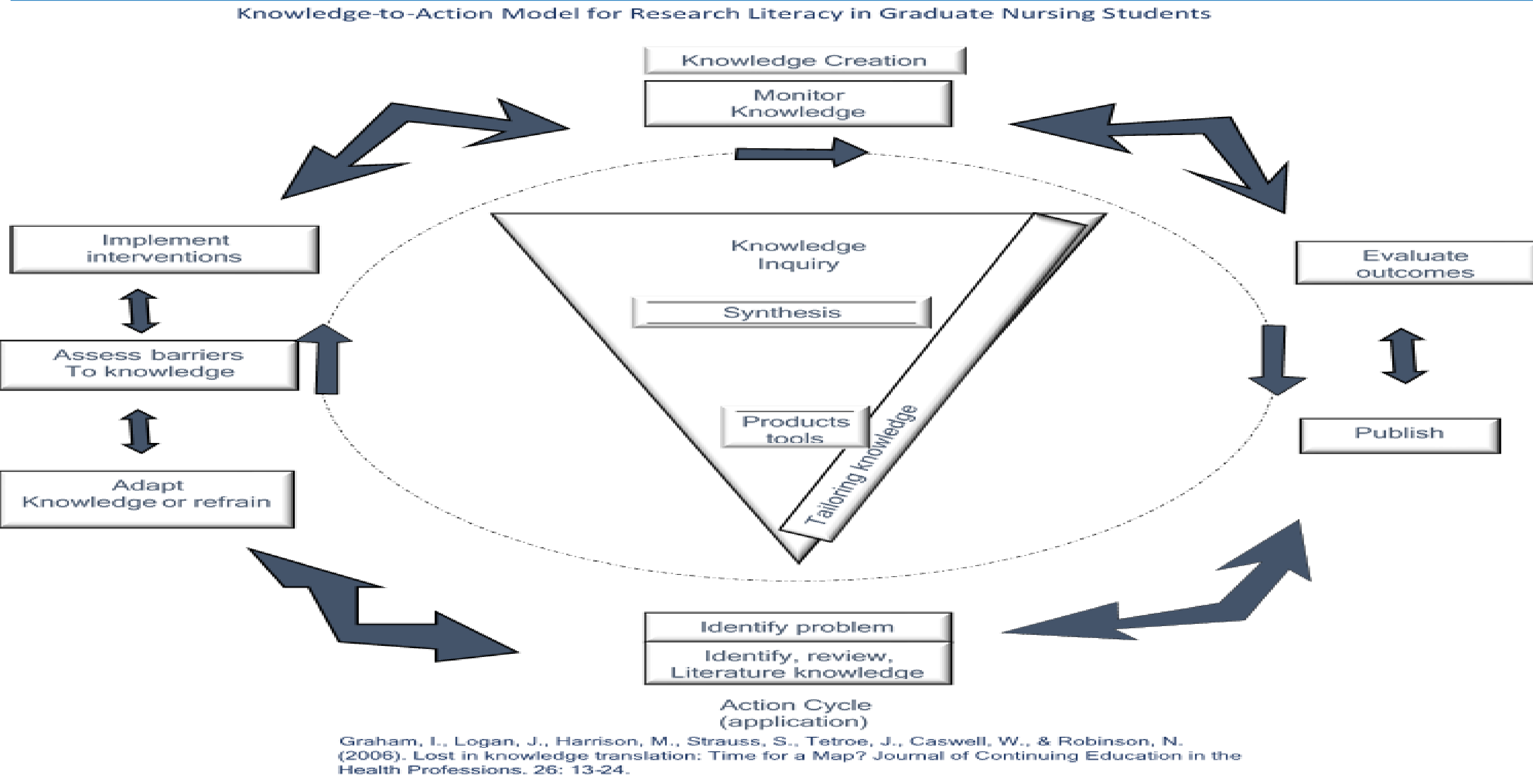
Conceptual framework

The conceptual framework is based on Knowledge-to-Action (KTA) model. KTA is a framework that provides robust method for conceptualizing implementation activities. The key points are (1) identification a problem, (2) review, (3) adapt or research, (4) barriers, (5) implement intervention, (6) monitor, (7) evaluate and (8) sustain or move into practice. The model will show how graduate students will identify problem and clarify. The student at this point is cognitively emerge into the problem. In solution building the student is conducting refraining and continuum of evaluation throughout the process.

Method

- ▶ Cross-sectional design
- ▶ Convenient sample [N=80]
- ▶ Procedure “Walk-Back”
- ▶ Multiple exercise using technology

Results



Student's Publications

Manuscript Submissions

Dowell, J., Arcoleo, K., Ruiz, Z. & Halula, R. (2019). Children with asthma & communication with HCP. *Journal of Pediatric Nursing* (In review).

Dowell, J. & Gula, R. (2018). Decreasing health disparities for children with asthma & their families: Conceptualizing cultural weaving & identifying the cultural characteristics of a Head Start organization in the U.S. *Journal of Human Behavior in the Social Environment*, 28 (8): 1033-1047.

Pieronek, T. (2019). Ultrasound Guided Intravenous Catheter Placement: A systematic review. *Journal of Emergency Nursing* (submitted).

Anaba, E. (2019). Influence of Food Price on Incidence and Prevalence of Obesity. *Journal of Public Health Nursing* (to be submitted).

Church, L. (2019). High quality phone contact with providers and patient satisfaction for women who are advised to stay or return home in early labor: A literature review. *Journal of Midwifery and Women Health* (to be submitted).

Poster Presentations

Dowell, J., Arcoleo, K., Ruiz, Z. & Halula, R. (2019). Children with Asthma and Communication with Healthcare Provider: Instrument Development-subscale. University of Ohio Evidence-Based Conference, May 2019.

Anaba, E. (2019). Influence of Food Price on Incidence & Prevalence of Obesity. Kent State University Graduate Symposium, April 2019.

Gula, R. (2016). Post-Discharge Educational Delivery of Neonatal Abstinence Syndrome Infants: An integrative literature Review. MMRS Conference

Conclusion

- ▶ < 5 years of experience for Nurses entering graduate school
- ▶ Increased in feedback level likely higher level of engagement
- ▶ Identified problem & Shared information
- ▶ Adapt the research process
- ▶ Understands the research process
- ▶ Engaged in self-autonomy to develop new ideas.
- ▶ Learning to apply the research process through synthesis of literature to identify gaps
- ▶ Build a publishing network & Recognized as an expert

Implication

- ▶ Engage the student in the process with hands on activities
- ▶ Allow the student identify area of interest
- ▶ Allow more dissemination

References

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Krainovich-Miller, Haber, Yost (2009). Evidence-Based Practice Challenge: Teaching Critical Appraisal of Systematic Reviews and Clinical Practice Guidelines to Graduate students. *Journal of Nursing Education*.

More upon request

