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Nursing Education Research Conference 2016

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Acknowledgements

National League for Nursing

Sigma Theta Tau International

Researchers in Nursing Education

Objectives

The learner will be able to

discuss the role of theory in the research process from developing research questions to designing and conducting a study and interpreting the results.

compare and contrast how common models/theories of learning have been used in nursing education research.

critique current examples of nursing education literature with respect to theory use.

interpret research findings from a theoretical perspective.

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Pre-session Overview

Introductions

Where to Begin

Theories being used in research

Different ways to use theory

The role of theory in the research process

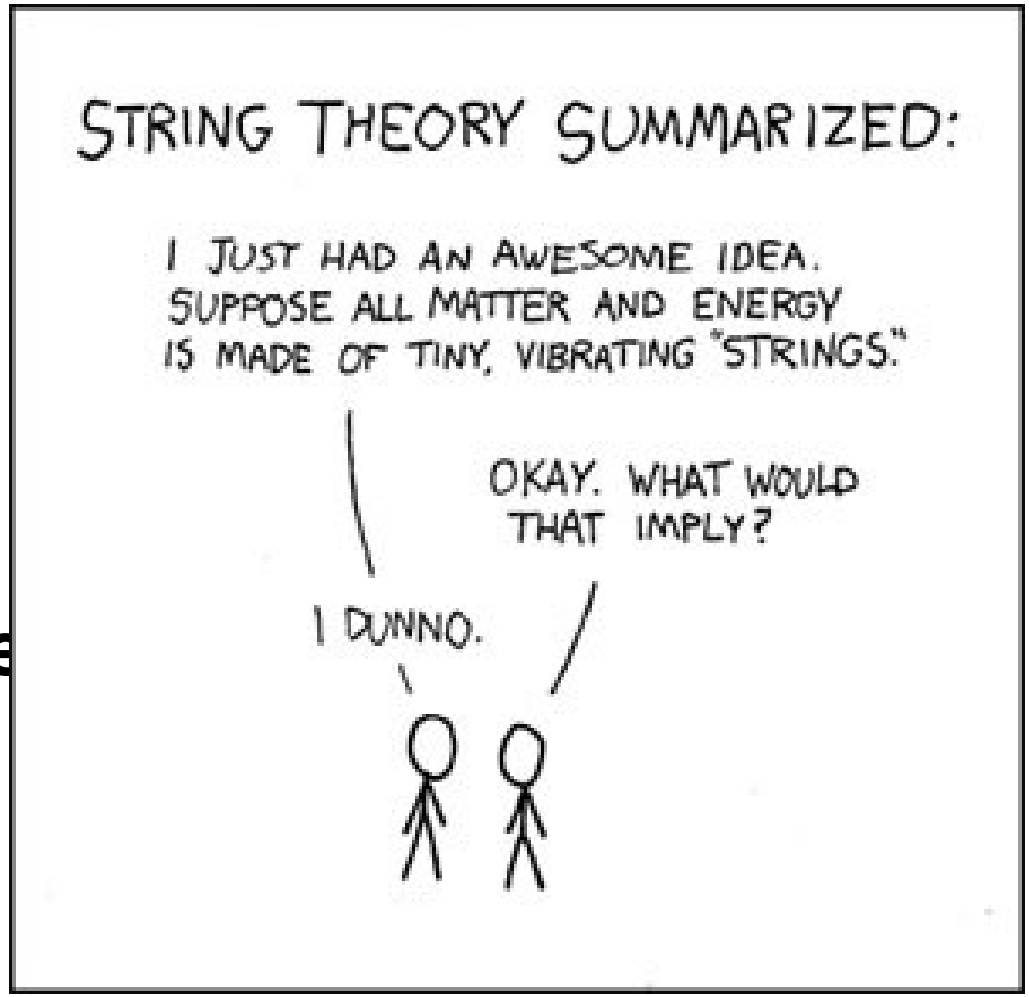
Application: Exploring theoretical connections in your work

Where to Begin

Describe your experiences with theory and research.

What theories are familiar?

What theories have supported your work?

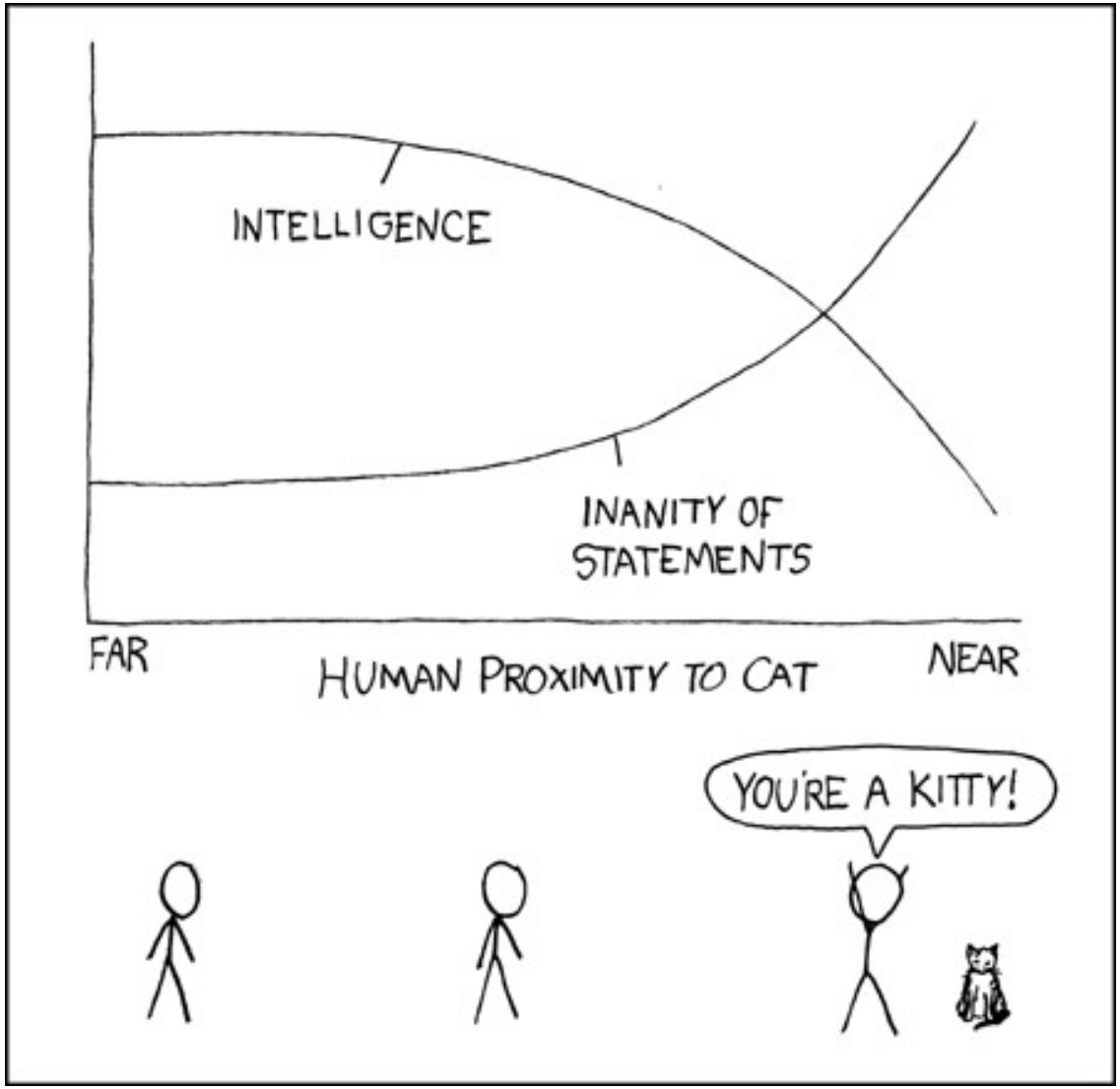


Theories used in education research – The connections

Where does theory show up in a research report/article?

Examples of strong and coherent theoretical connections

Examples of weak and incoherent theoretical connections


INTELLIGENCE
INANITY OF STATEMENTS
FAR
HUMAN PROXIMITY TO CAT
NEAR
YOU'RE A KITTY!

Different ways to use theory – Compare & Contrast

Starting with the question: Finding theories to support research

Starting with a theory: Generating research questions from theory

Building theory with research: Qualitative approaches and their connection to theory

Starting with the question: Finding theories to support research

Development, implementation, and evaluation of a mental rehearsal strategy to improve clinical performance and reduce stress: A mixed methods study

Jeanette Ignacio [a,*], Diana Dolmans [b,1], Albert Scherpbier [b,1], Jan-Joost Rethans [b,1], Violeta Lopez [a,2], Sok Ying Liaw [a,3]

Starting with a theory: Generating research questions from theory

Wellbeing interventions often focus on resolving problems, but a preventative strategy has been developed to help students and others cope more effectively

A strategy for maintaining student wellbeing

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Copeland Center
FOR WELLNESS AND RECOVERY

What is WRAP?

The WRAP approach is underpinned by five key concepts:

- Hope;
- Personal responsibility;
- Education;
- Self-advocacy;
- Support.

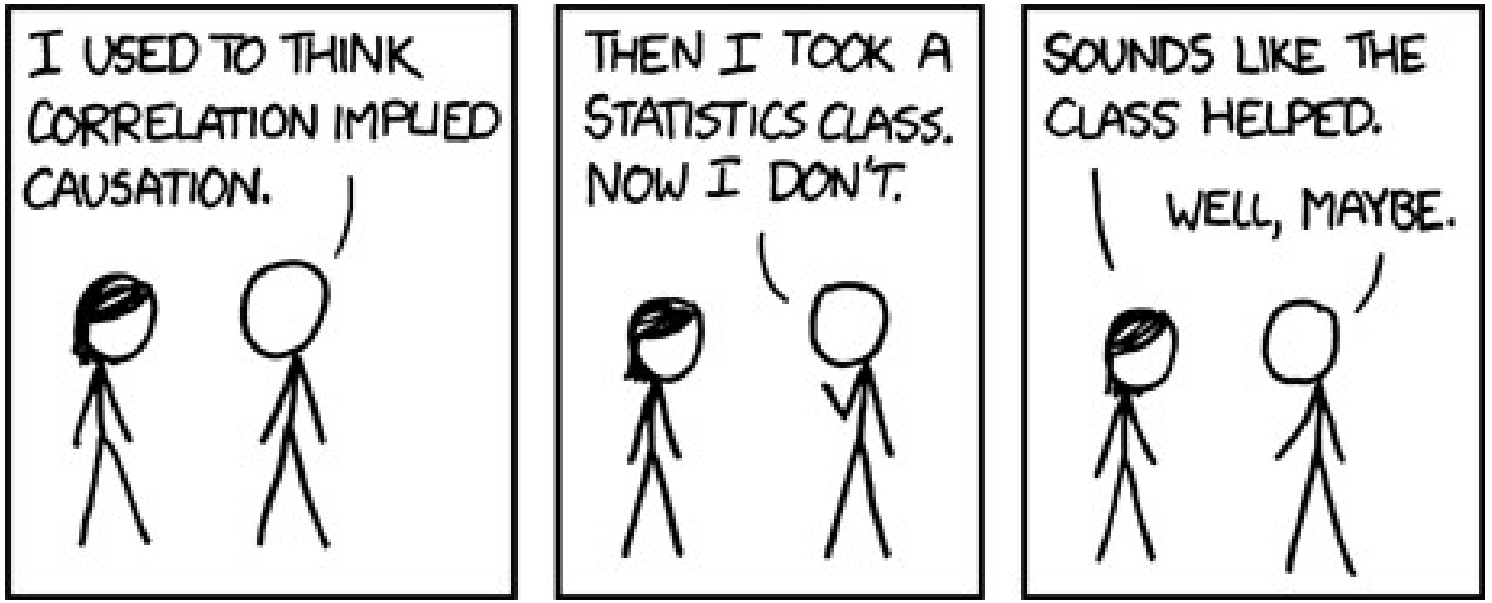
Building theory with research: Qualitative approaches

Theory-generating: Grounded the

"Atheoretical": Interpretive phenomenology - descriptions of lived experience

What are the primary concerns of nursing students as they prepare for and contemplate their first clinical placement experience?

Tracy Levett-Jones [a, *], Victoria Pitt [a, 1], Helen Courtney-Pratt [a, 2], Gwyneth Harbrow [a, 3], Rachel Rossiter [a, b, 4]


I USED TO THINK CORRELATION IMPLIED CAUSATION.
THEN I TOOK A STATISTICS CLASS. NOW I DON'T.
SOUNDS LIKE THE CLASS HELPED.
WELL, MAYBE.

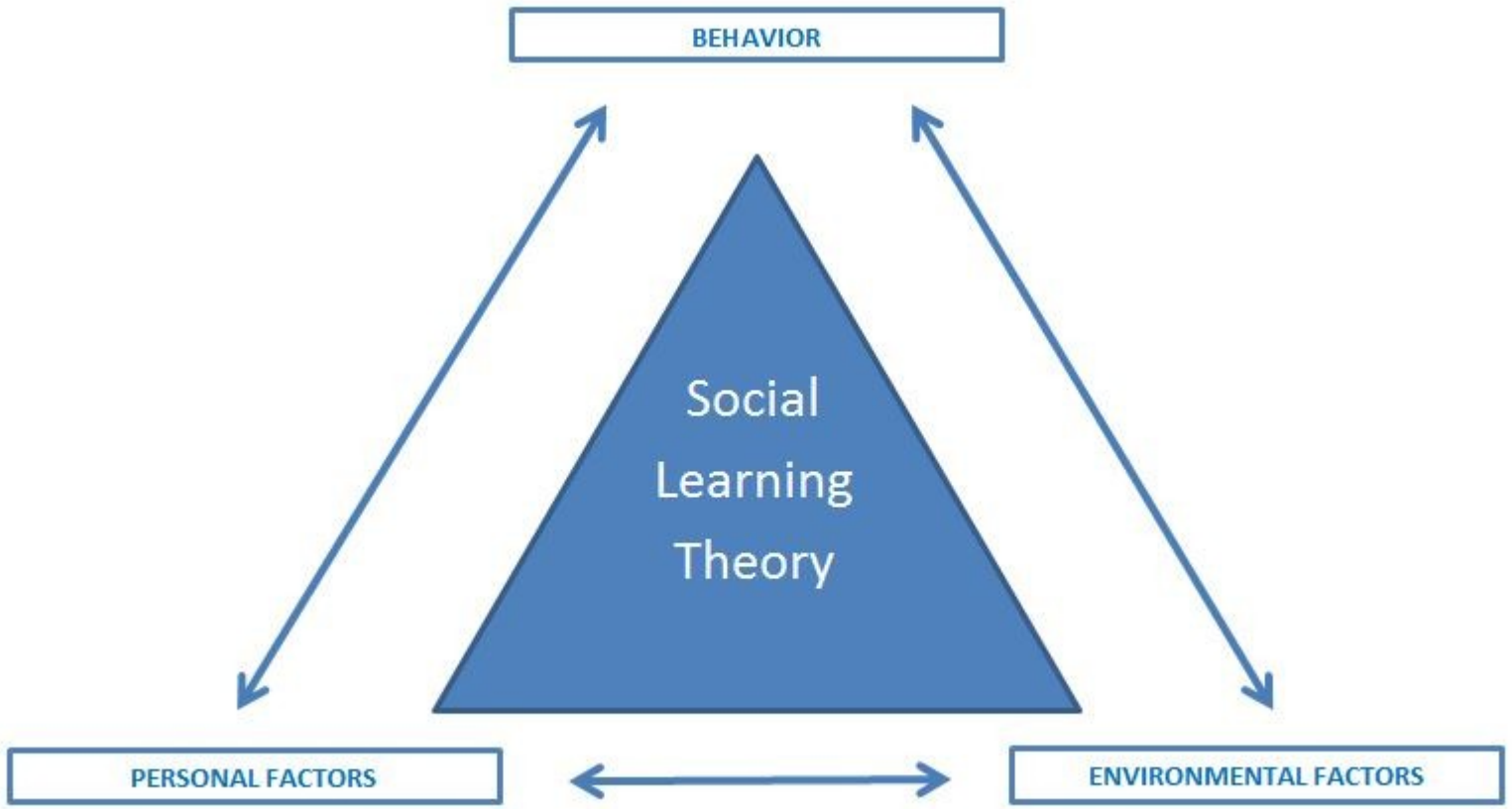
The role of theory in the research process

Overview of two learning theories

- **Social learning theory (Bandura)**
- **Constructivist learning theory (Vygotsky)**

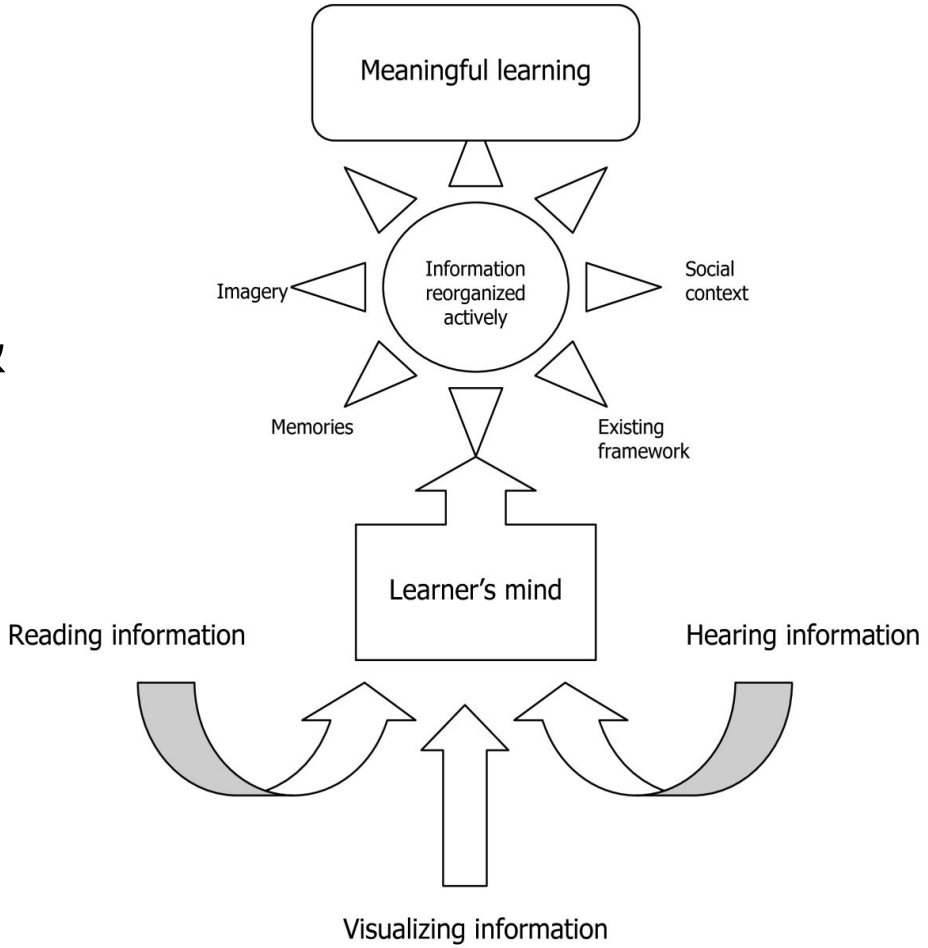
- **Bandura: Social Learning Theory**

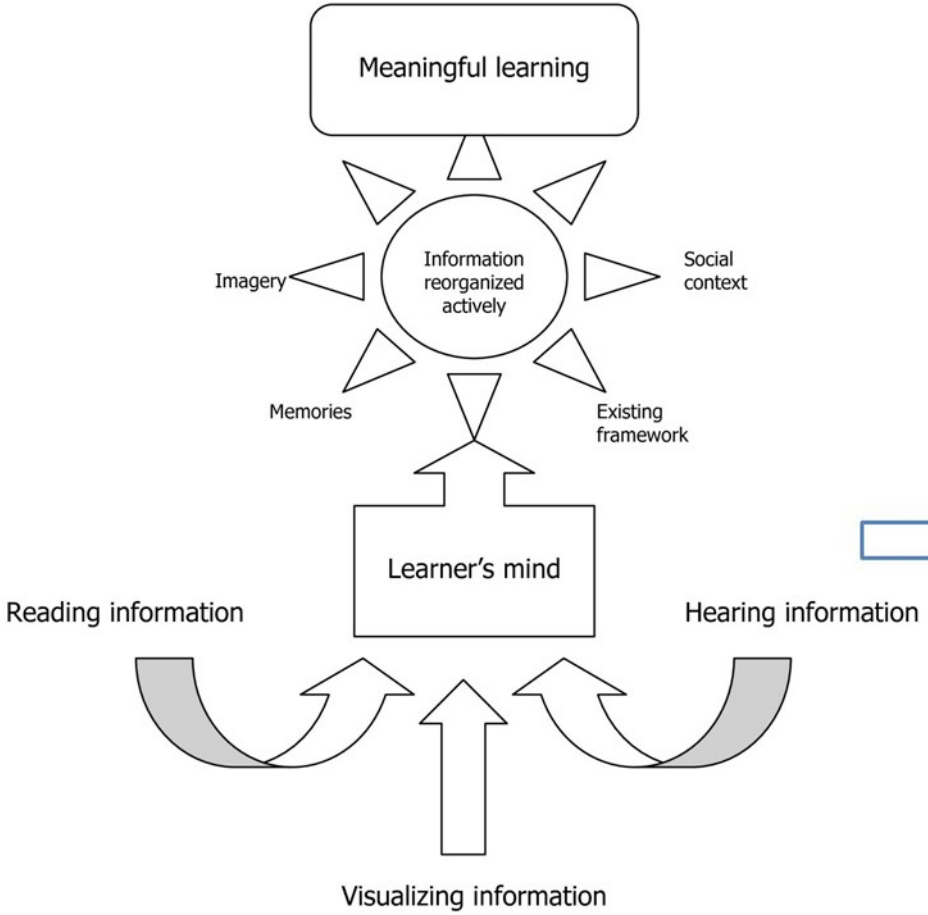
Reciprocal Determinism

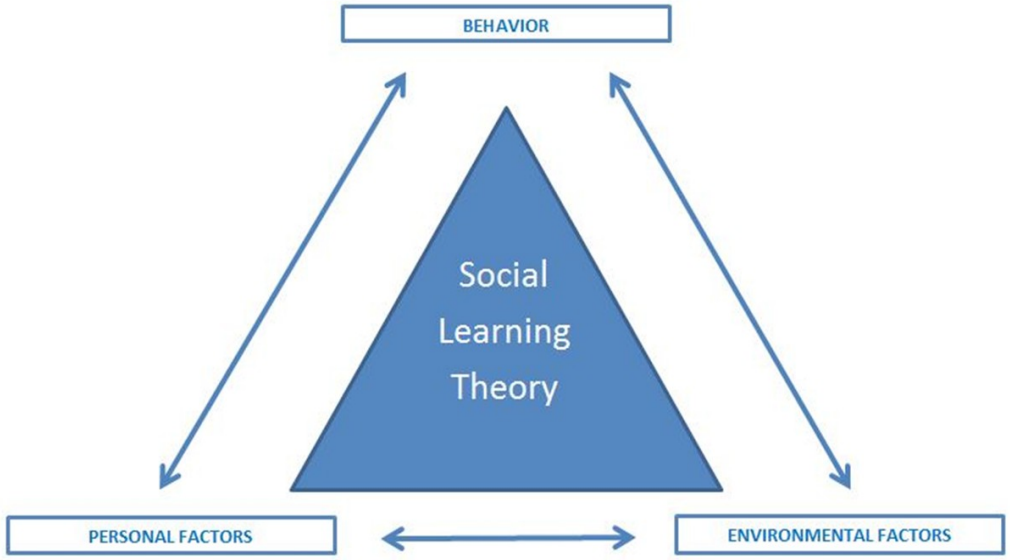


- **Vygotsky: Constructivist learning theory**

Learning through active construction & knowledge use







What teaching/learning-related research questions do each of these theories generate?

How would each theory lead to similar or different interventions and measurement

Application: Exploring theoretical connections in your work

Problem from your practice as an educator

Research question

Application: Exploring theoretical connections in your work

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THANK YOU FOR SUPPORTING THE SCIENCE OF NURSING EDUCATION through THEORY!