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### **DISCLOSURE**

The members of the team involved in this research study declare no financial interest or support from any organization for the submitted work; no financial relationships with any organization that may have an interest in the submitted work and no other relationships or activities that could appear to have influenced the submitted work.

#### **OBJECTIVES**

- Describe the silos between public health nursing education and nursing informatics.
- Explore use of an interactive case study method that blends public health nursing education with nursing informatics.
- Discuss the effectiveness of an interactive case study.

# **ACADEMIC SILOS**

Public Health Nursing Education

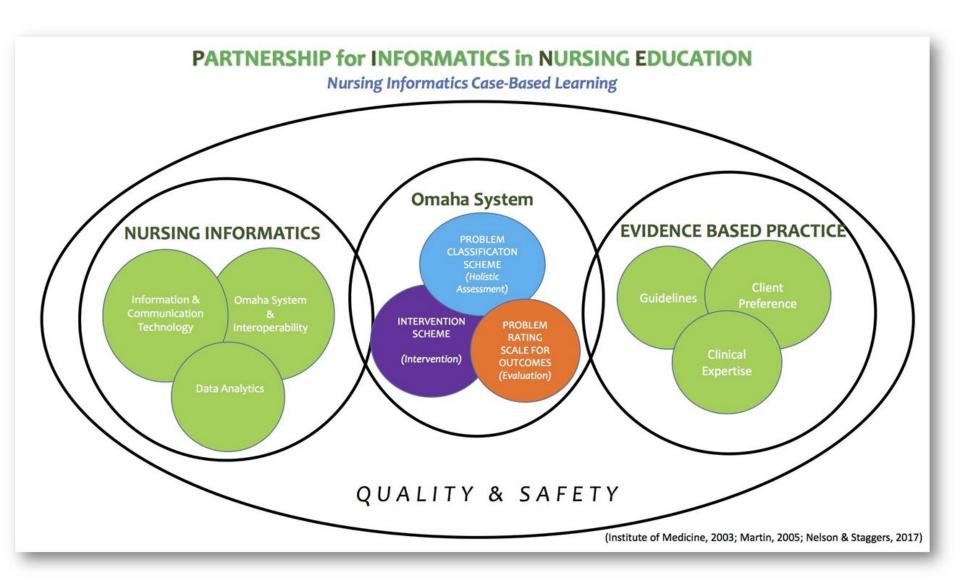
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#### LITERATURE REVIEW

A systematic literature search was conducted in 2014 and 2018 by PINE to examine the scientific literature for current evidence regarding the extent to which the Omaha System is being used in nursing education

- All studies were descriptive
- Two were feasibility studies
- One was a previous literature review from 2004-2012
- All studies touched on the Essentials of Baccalaureate Education for Professional Nursing Practice (AACN, 2008), Quality & Safety Education for Nurses (QSEN, 2019) and Community/Public Health Competencies (Quad Council Coalition, 2018)

#### PINE INNOVATION MODEL



## STRUCTURE OF NI PHN CASE STUDY

NI = Technological Triad
+
PHN = population based care
+

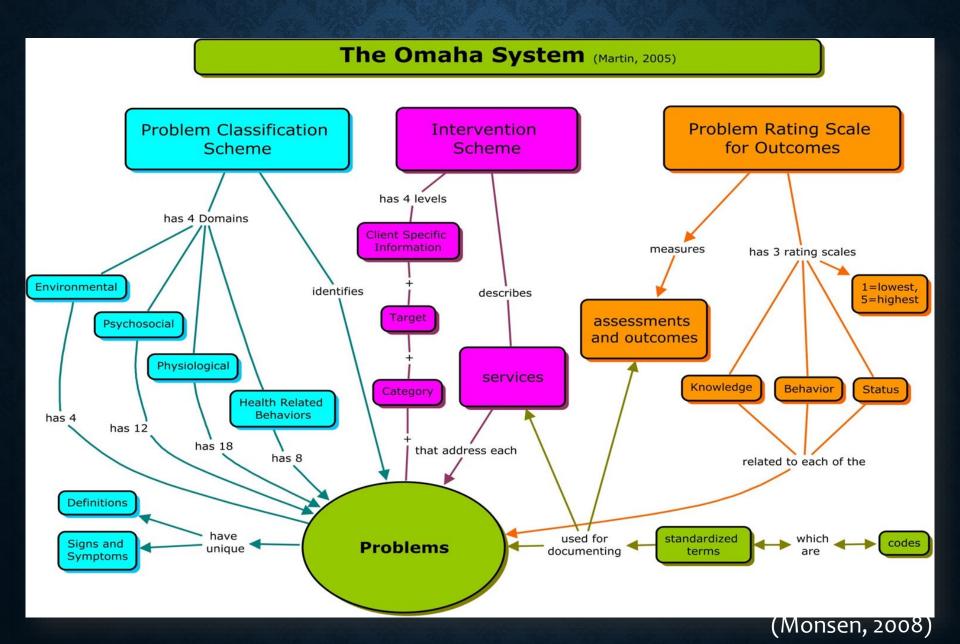
**Case Scenario** 

## STRUCTURED APPROACH FOR TEACHING

- NI (technological triad)
   -Charting in the EHR
- Topical content
- PHN holistic assessment
  - Identifies the social determinants of health
- EBP
- Outcomes evaluation



## STANDARDIZED TERMINOLOGY



### NI PHN CASE STUDIES MAPPING

## **Essentials of Baccalaureate Education (2008)**

• II, III, IV, VII, VIII

## **Quad Council PHN Competencies** (2018)

• 1, 3, 6

# **QSEN Competencies** (2019)

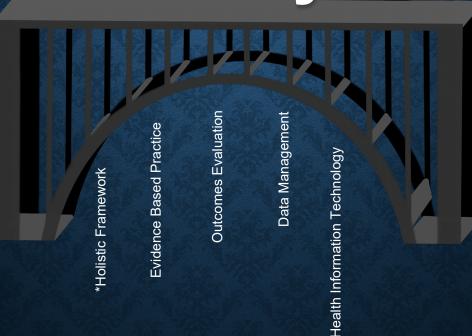
• 1, 3, 4, 6

### BRIDGING THE DISCIPLINES

Omaha System bridges C/PHN with Nursing Informatics education

Omaha System

Public and Community Health Nursing Education



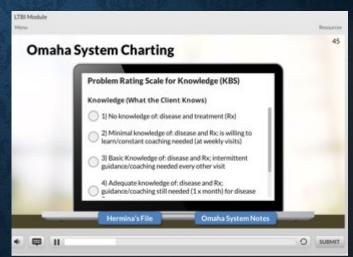
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## **NI PHN CASE STUDY EXAMPLES**







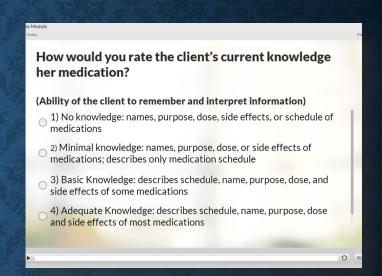


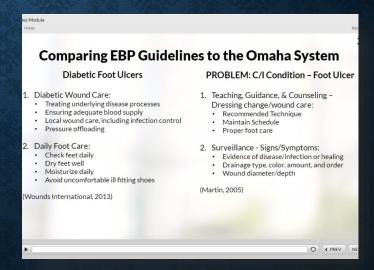
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### NI PHN CASE STUDY EXAMPLES









### STUDENT LEARNING OUTCOMES

- Role of C/PHN
- Topical content
- Quality charting in the EHR
- Applying PHN process
  - Holistic assessment
  - Identification of social determinants of health
  - EBP plan of care
  - Evaluation of outcomes

## **IMPLICATIONS FOR EDUCATION**

- PINE innovation model
- Bridge key aspects
- Customization of the case scenarios
- Students learn to work within Interprofessional Teams

### PINE CONTACT INFORMATION

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Scan the QR Codes for Contact Information



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