

# Measurement in Health Research

## NURS-7310:0EXW - Fall 2023 - open to DNP and PhD students

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### Course Description

This course focuses on how to develop and employ measures that are operationalized within the context of theories and conceptual models. Sound measurement principles and practices will be covered, as well as adequate testing for reliability and validity using appropriate methods and procedures.

### Core Concepts

- Measurement design
- Conceptual and operational definitions
- Instrumentation and data collection methods
- Measurement reliability and validity
- Measurement error



### Wen Liu, PhD, RN

Associate Professor



Dr. Liu is currently leading an NIH/NIA-funded R03 study, which aims to examine person-centered and task-centered care in temporal relation to mealtime difficulties and food intake. Research areas:

- Mealtime difficulties, eating performance, function, and nutrition in dementia
- Behavioral interventions, dyadic communication/interaction, environmental stimulation
- Tool development and validation

## LEARN MORE

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→ [nursing.uiowa.edu/academics/nexus](https://nursing.uiowa.edu/academics/nexus)

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