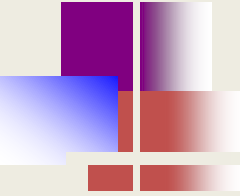


# **Instructional Design Project: Patient Safety and Quality Improvement**

Linda Bolin & Gina Woody  
College of Nursing



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Teachers of Quality Academy  
Medical Education Day  
April 22, 2015

# Rationale for Project

- Gaps in interprofessional education curricula  
(IOM, 2011; NLN, 2013; LCME, 2013)
- Communication and teamwork essential  
(*Baggs et al., 1999*)
- Physician-nurse transition to practice  
(*Bujak & Bartholomew, 2011*)
- Patient-centered care based on quality & safety  
(Cronenwett et al., 2007)

# **A Medical Education Project: A Systems Approach Module on Collaboration**

- Introduction
- Quality Improvement
- Teamwork in Health Care
- An Exercise on Collaboration

# Methods/Description

## Educational Strategy

- Lesson 1:
  - Face to Face
  - Flip the Classroom
  - VARK Self-Assessment
  - Pre-Assessment Survey
- Lesson 2:
  - [Self-instructional modules](#)
  - [Group viewing “Escape Fire”](#)
  - Small group discussion
- Lesson 3:
  - Teaching by Discussion
  - SBAR
- Lesson 4:
  - Simulation on Communication
  - Debriefing
  - Post-Assessment Survey

## Key Participants

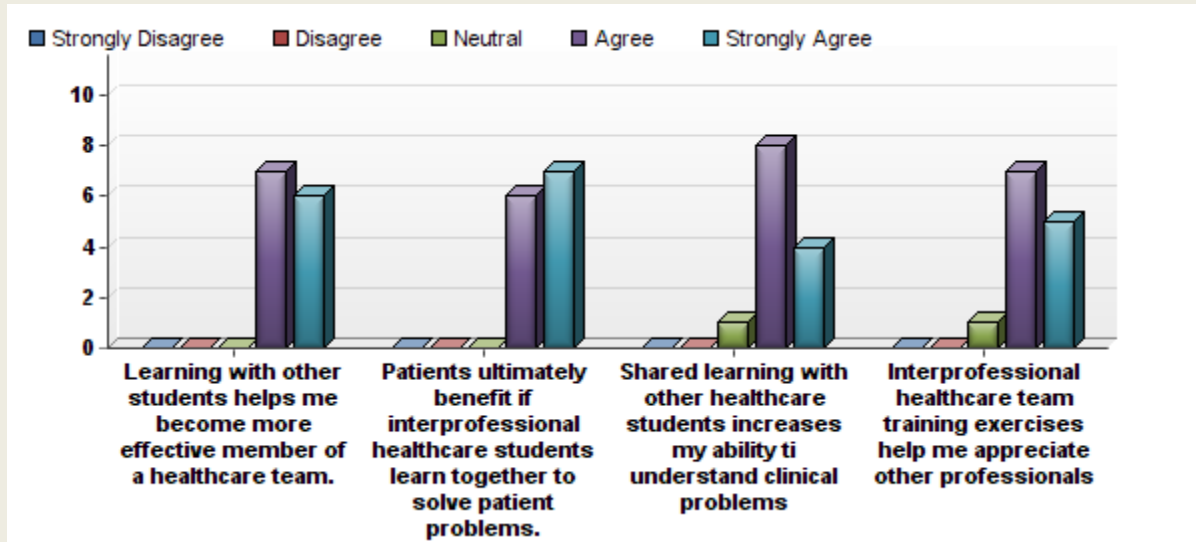
- Lesson 1, 2, 3:
  - Medical Students
  - Nursing Students
  - BSOM Faculty
  - CON Faculty
- Lesson 4:
  - Medical Students
  - Nursing Students
  - BSOM Faculty – Dr. Richard Garri
  - CON Faculty
  - Simulation Staff

# Outcome Measurements

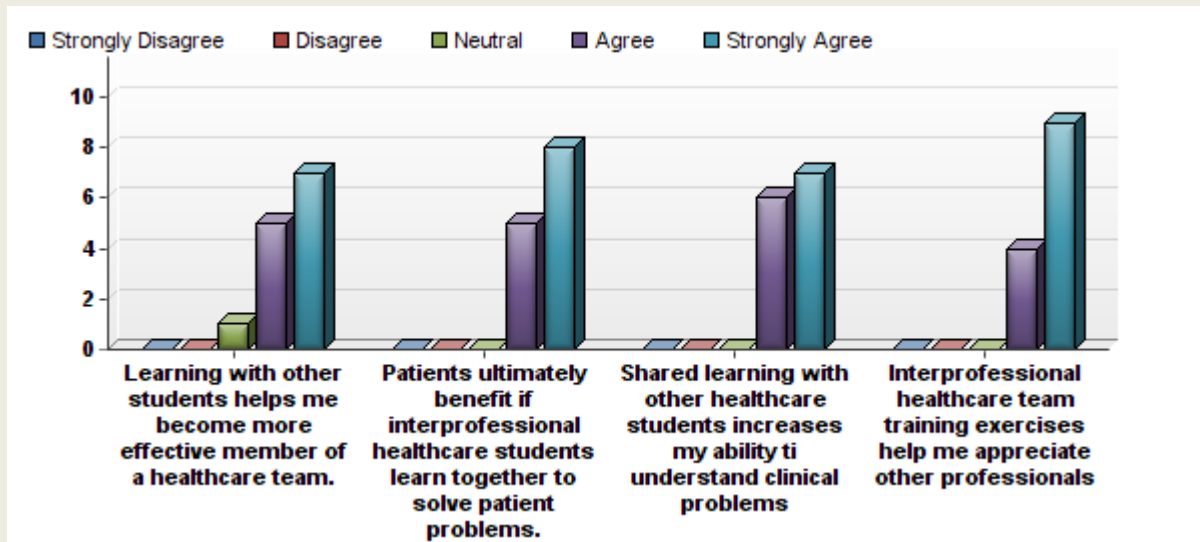
- Lesson 1:
  - Determination of Learning Style
  - Focus Group
- Lesson 2:
  - Successful completion of IHI modules
  - Small Group Participation and Discussion
- Lesson 3:
  - Feedback
  - Application into simulation
- Lesson 4:
  - Pre/Post IP Team simulation Training Tool
  - Gather-Analyze-Summarize Tool

# Benefits of Training

Pre-Survey



Post-Survey



# Evaluation Plan

- Assessment Surveys
- Qualtrics Survey
- Qualitative Comments

*“...everyone communicates differently and it is important we all learn a way to communicate with interdisciplinary teams effectively....”*

# Lessons Learned

- Support from both educational programs
- Student readiness to learn
- Pilot versus implementation of entire cohort
- Embed modules into the curriculum
- Planning needed in prior semester



# Acknowledgements at ECU

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- Dean Sylvia Brown, College of Nursing
- REACH Team Project Leaders
- Dr. Luan Lawson, Assistant Dean, BSOM
- M-4 Medical Students
- Senior Nursing Students

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