SUCCESS STORIES OF INTERPROFESSIONAL EDUCATION IN QUALITY AND SAFETY AT THE POINT OF CARE

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The Colorado Experience
ACKNOWLEDGING THE CONTRIBUTIONS OF...

Mark Earnest, MD, PhD
- Director, Interprofessional Education

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- Macy Faculty Scholar
OBJECTIVES

- Describe quality and safety IPE experiences at the University of Colorado
- Identify challenges in the implementation of IPE
- Describe direction for the future
Intentionality
Involvement
Integration
Intentionality
FITZSIMONS ARMY MEDICAL HOSPITAL

557 Acre campus
Caught in a round of base closures 1996
Given to the University of Colorado Health Sciences Center to develop a new campus
VISION FOR A CAMPUS

Planning Process: Interprofessional faculty ... with an interprofessional vision

Three Zones: Education, Research, Clinical Care
THE ANSCHUTZ MEDICAL CAMPUS

Designed for Interprofessional Education
- Physical Plant Shared by schools, not owned
- Common classrooms, centrally scheduled
- Faculty and admin offices share buildings
- Common community space for students, not segregated lounges

The result of an Intentional Planning process
Involvement
NEW CAMPUS ... NOW WHAT?

- Diffuse Ideas
- Bricks and Mortar
- Integrated Plan
- Effective Curriculum
IN THE COLLEGE OF NURSING...

How do we bridge the practice/education gap?
QUALITY AND SAFETY EDUCATION FOR NURSING (QSEN) COMPETENCIES

Patient-centered care
Teamwork and Collaboration
Evidence-based practice
Quality Improvement
Safety
Informatics
MILESTONES IN THE IPE JOURNEY

1997
Ethics
Interprofessional Orientation

1998
Interprofessional Space

2007
QSEN
New Campus

2009
REACH
IHI/Macy

2011
Health Mentors

2013 Nexus Summit
RETOOLING FOR QUALITY AND SAFETY: A COLLABORATIVE PROJECT
INITIAL CURRICULAR INTERVENTIONS

- IHI Open School Modules
- UCH
- CHCO
- Team STEPPS
- IPE Simulation
TWO APPROACHES
IMPROVEMENT ACTIVITIES

- Prevention of Patient Falls
- Patient-Centered Communication Using Whiteboards
- Improving ICU to Unit Transitions
- Prevention of Decubitus Ulcers
- Improving Discharge Process

- Patient identification
- Handoffs
- Hand hygiene
- Bar Code Medication Administration
Children's

- IP experiences are feasible but require coordination
- Staff commitment from the QPS department has enabled continued work
- Students learned by collecting and analyzing data; work contributed to the whole

University

- Intense interest by nursing students; used random selection for inclusion
- Participation was required for nursing students but voluntary for 4th year sub-I's
- IP student project presentations during grand rounds stimulated great discussion and interest among IP staff
Integration
CURRENT WORK IN QUALITY & SAFETY EDUCATION

Quality and Safety Education for Nurses (QSEN) Initiative
  • CU College of Nursing (CON) faculty expertise
  • Framework for CON Curricular revision

Institute for Healthcare Quality, Safety and Effectiveness (IHQSE)
  • Certificate Training Program

UC Denver Chapter of the IHI Open School

Curricular development within REACH

Moving Toward the Nexus

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COMPETENCY DOMAINS TO ADVANCE THE TRIPLE AIM

Provide patient-centered care

Practice evidence-based, cost-effective care

Work in interprofessional teams

Improve quality and patient safety

Improve population health

Summary Report: Aligning Education and Practice to Advance the Triple Aim, Feb. 2013
LONGITUDINAL CURRICULUM STEPS: Fundamentals for COLLABORATIVE PRACTICE

1. Clinical Team Integration
   - Clinic Site Team Learning Modules
   - Independent Learning

2. Clinical Transformations
   - TeamSTEPPS Curriculum
   - Interactive Simulated Learning
   - Half Day Seminars

IPEC Fundamentals (CORE)

- Team Based Learning Modules & Events

Ethics Sessions YR 1
- Sessions 1-4

Ethics Sessions YR 2
- Sessions 5-8

CO-CURRICULAR: Student Academic Communities

Year One
- Interprofessional Orientation Day

Year Two

Year Three

Year Four

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Intentionality
Involvement
Integration
THANK YOU

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