IPE: InterProfessional Education
Creating Innovative Practice Environments

Setting the Stage
for Collaborative Education and Practice Among
Health Care Professionals
June 4, 2012

Getting to the Root of the Problem

Healthcare delivery needs retooled!

Why is This Retooling Necessary?

- 17.1% of Americans have no health insurance
  February 2012 Gallup Poll
- Healthcare costs have been rising at an alarming rate
  for nearly 2 decades
  - Cost of health insurance increased by 131% between
    1999 and 2009
  - Technology and new medications
- We spend two times more money on healthcare than
  food each year

A Prescription for Healthcare Delivery

Develop a highly trained, collaborative, interprofessional healthcare team focused on
patient-centered care that is efficient, safe and of
excellent quality.

Interprofessional Teams and Models of Interprofessional Practice

- The most effective healthcare team is the product of
  interprofessional education.
- Overall implementation of interprofessional education
  (IPE) and thus interprofessional practice (IPP) is
  occurring slowly.

Interprofessional Education (IPE)

“When students from two or more professions
learn about, from and with each other to enable
effective collaboration and improve health
outcomes.” (WHO, 2010)
Interprofessional Practice (IPP)

“When multiple health workers from different professional backgrounds work together with patients, families, carers and communities to deliver the highest quality of care.” (WHO, 2010)

Training in Silos

The Problem with Training in Silos

“Can our graduates who do not value interprofessional working, know little about each other, may never have communicated with each other, haven’t been taught collaboration skills and have no shared clinical experience as students be expected to practice effectively in the emerging healthcare system?”

Madeline Schmitt

The Reasons for IPE (and IPP)

- It promotes a collaborative interdisciplinary environment
- It expands our expertise and understanding
- It promotes efficient utilization of resources
  - In education and practice
  - Evidence-based medicine, informatics and quality improvement are foundational components
  - Comprehensive care that is better coordinated
- There is emphasis on patient-centered care
  - Patient safety issues are less of a problem
  - The patient partners with a healthcare team

Relationship Between Practice and Education

Needs in the Delivery System

Communication and Assessment

Changes in Education

Tips on Creating a New and Better Practice Environment

- Consider workforce needs
- Evaluate the products of our education system
- Redefine scope of practice
- Improve communication
- Incorporate interprofessionalism in training and practice
Setting the Stage for Collaborative Education and Practice Among Healthcare Professionals

- To develop the future of nursing and healthcare delivery
- How to strengthen the nursing profession
  - Assess workforce needs
  - Transform education
  - Develop the team concept of healthcare delivery

Teamwork

The Indiana Story: A Brief Introduction

- Indiana joins the IPE movement in 2009
  - Under the direction of AHEC, Butler, IUSOM, IUSON, Indiana State, Ivy Tech, Purdue and IPHCA meet and discuss IPE initiatives for training programs across the state
  - In 2012 an International IPE conference is held in Indianapolis
  - Discussions across the state about curricular change at institutions begin
  - Many projects across the state looking at implementation of IPE during experiential training
  - Indiana as a state and Indiana University are becoming recognized as leaders in IPE and are participating at the national level

Work Smart Together

Action Coalitions

Indiana Action Coalition: Transforming Healthcare

- Partnership between Indiana Center for Nursing (ICN) and Indiana Area Health Education Centers (IN AHEC) state-wide
- State-wide representation of many healthcare professions

Collaboration between the Robert Wood Johnson and AARP Foundations to ensure that all Americans have access to high quality, patient-centered care
Indiana Action Coalition Major Areas of Emphasis

- Interprofessional Education and Practice
- Patient Safety
- Nursing Education
- Nursing Practice

One Year Later.....
IPE in Indiana has TAKEN OFF!

Indiana Action Coalition/IU School of Medicine Taxonomy Database

- Outcome of the work of the IPE Action Committee of the Indiana Action Coalition, which is co-chaired by a faculty physician and a leader in nursing education
- Remains under development with a go-live goal of fall of 2012

Indiana Action Coalition/IU School of Medicine Taxonomy Database

- Overall plans for the database
  - Develop an IPE collaborative group (state-wide and beyond) with one simplistic location
  - House IPE educational offerings for use by all
  - Include specific IPE data on offerings so the data is searchable for other educators
Indiana Action Coalition/IU School of Medicine Taxonomy Database

- Overall plans for the database (cont.)
  - With search availability, this will connect educators and hopefully drive collaborative efforts and events
  - Has no limits but currently beginning to connect Indiana related educators
  - No intellectual property is given up but rather a synopsis of the educational offering can be printed by users

IU Health LaPorte Community Health Center

- Intent of the Learning Model
  - Implementation of a structured framework for simultaneous learning in a community health setting using shared competencies for interprofessional collaborative practice
- Team included:
  - Pharm D and Pharmacy Student
  - Family Medicine MD and Medical Student
  - MSW
  - FNP and BSN Nursing Student
  - Dentist and Dental Hygiene Student

IU Health LaPorte Community Health Center

- Goals
  - Structure the learning process around IPE competencies
  - Meet the operational definitions of IPE
  - Collaboratively develop a plan of care based on the individual needs of patients and families
  - Implement the model with a sensitivity for potential replication in similar yet diverse settings
- Students were asked…
  - What are your perceptions of the roles of the other student professions?
  - What would you value in an IPE curriculum?
IU Health LaPorte Community Health Center

- IPE Daily Care Conferences at the center of the project
  - A practical approach in a real world setting; this was NOT a simulation
  - Patient-centered learning
  - Leadership and facilitation of conferences was done by students

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IU Health LaPorte Community Health Center

- Student Perspectives on the IPE Experience
  - Value personal interactions with other professionals
  - Desire experiential learning opportunities
  - Lecturing or self study modules on IPE will not be regarded highly
  - Gained insight on HOW healthcare should be practiced
  - Many believed that in the community health setting it is the SW role that creates the “cohesive glue” that binds all the other professions
  - Video
Indiana University-Purdue University Toronto Experience

- Held in March of 2012 in Indianapolis
- Partnered with the Centre for Interprofessional Education at the University of Toronto
- 42 faculty members with interest in IPE curriculum development and representing 6 schools and professions within IU and PU spent 3 full days working with the “experts” to gain the tools to begin to develop the infrastructure needed for IPE across a state-wide system of health professions schools

Collaborative approach by the IU-PU Schools of
- Medicine
- Nursing
- Dentistry
- Ophthalmology
- Pharmacy
- Social Work

Served to unify the vision of each school as it worked collaboratively to structure the new interprofessional curriculum across all health related schools
- This core team will now begin to utilize their newly gained skills and expertise allowing them to serve as the backbone of the curricular change process as it moves forward over the next academic year

Marian University Schools of Nursing and Osteopathic Medicine

- Private Catholic Franciscan liberal arts university located in Indianapolis, IN founded in 1937
- Currently building a $47M structure, which will become the home of both the School of Nursing and the new College of Osteopathic Medicine, which will begin educating students in 2013
- New building was completely paid for by a donor and is part of a larger health and life sciences initiative on the campus with a price tag of $160M
Marian University
Schools of Nursing and Osteopathic Medicine

- Publicly stated goal of educating nurses and physicians collectively in a true IPE model and curriculum
- Deans and faculty of both programs are currently building the joint curriculum where courses will be combined
- Virtual Tour VIDEO

Open Door Health Service
Diabetic Clinic Pilot

- Community FQHC located in Muncie, IN
- Currently building a pilot project that would “create a better mouse trap” for both patients and providers
- Focuses on an interprofessional team approach to patient-focused care
- IPE occurs as students interact with other students and providers from multiple specialties as they jointly care for patients in the clinic

Open Door Health Service
Diabetic Clinic Pilot

- Primary care is provided currently by a mix of
  - MDs
  - NPs
- In addition, patients also seen by
  - Dietician
  - Podiatrist
  - Optometrist
  - Cardiologist

“Round Robin”

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<th>Patient C with Provider</th>
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Open Door Health Service
Diabetic Clinic Pilot

- Established patients are seen by their primary care team then rotate through the team of specialists with both individual sessions (i.e. optometry) and group sessions (i.e. dietician) on the same visit
- Patients receive group education on health related topics that are led by the providers and students

Open Door Health Service
Diabetic Clinic Pilot

- Each day providers meet to discuss the patient needs and learn from each other how to best meet those needs, realizing that in many cases it is best for the patient to be seen by all levels and specialties of providers
- Goal of better patient outcomes related to A1C levels, reduced need for clinic visits, fewer calls to clinic, reduced hospital admissions, etc.

Why?

“It is no longer enough for health workers to be PROFESSIONAL. In the current global climate, healthcare workers also need to be INTERPROFESSIONAL.” (WHO, 2010)

Please share your thoughts with us!

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