IPE/P Workshop:

**UNTHSC Interprofessional Education and Practice a Continuous Evolution**

David Farmer, PhD, LPC, LMFT
Director Department of Interprofessional Education & Practice
Assistant Professor Medical Education
Objective

1. Share the experiences of a Health Science Center and partnering institutions in the development of an Interprofessional Education and Practice program.
University of North Texas HSC (UNTHSC)

Founded in 1970

6 Colleges/Schools

- Texas College of Osteopathic Medicine (Class Size 240)
- UNT System College of Pharmacy (Class Size 100)
- UNTHSC School of Health Professions
  - Physician Assistant Studies (Class Size 80)
  - Physical Therapy Program (Class Size 48)
- School of Public Health
- Graduate School of Biomedical Sciences
- Allopathic Medical School to open 2018 (Class Size 60)
  (Partnership between UNTHSC and TCU)

Department of IPE/P Established Fall 2012
Multi Institutional IPE/P Collaborations

- UNTHSC, TCU, TWU, Texas Wesleyan, UTA
  - Medicine
  - Pharmacy
  - PA
  - PT
  - Public Health
  - Nursing
  - Speech Language Pathology
  - Dietetics
  - Biomedical Sciences
  - Social Work and Counseling
  - Athletic Training
  - Dental Hygiene

Common IPE Calendar Achieved
A Common IPE Curriculum
Institutional Agreements (MOUs)
UNTHSC IPE/P Vision

• To **improve** the **quality** and **safety** of healthcare

• To train health professions students to be **collaborative practice ready** upon graduation

• To **create IPE opportunities for students across health professions** to learn about, from and with each other

• To **remove institutional silos** to create a culture of multi Institutional IPE/P collaborations.

• To **remove the health profession training silos** and create a culture of Interprofessional education, practice, and research.
Students and trainees are more likely to become cooperative practitioners when:

- They experience opportunities to work together while in school and training within valid models of cooperative health care delivery.

Our UNTHSC Guiding Principles
IPE Must:

• Focus on collaborative practice competencies development and **culminate into opportunities** to apply or practice with students from other professions..

• Be **Integrated** into each college/school’s curriculum

• **Begin** with the **Initial Year**

• Be **Reinforced** across all years of education and training

• Be **Leveled Appropriately** based on student & program readiness

• Include **Faculty & Preceptor Development**

• Be **Assessed for effectiveness** across levels of competency
Outcomes:

- All 1st and 2nd year students experience multiple opportunities for teamwork collaboration.
- A common IPE calendar and curriculum have been achieved across the colleges/schools of UNTHSC and our institutional partners.
- IPE/P teamwork collaboration opportunities have been and continue to be created for students in their clinical rotation experiences.
IPE/P at UNTHSC
Strategic Strengths and Advantages

• IPE is a **strategic initiative** at UNTHSC
• **Strong support** from President, Provost, Vice Provost, Deans
• **Institutional oversight** of IPE – Department of IPE/P
• **IPE Curriculum Committee & IPE College/School Coordinators**
• Flexible & have **overcome** Health Profession & Institutional **Silos**
• Have **overcome logistical barriers**
• **Ongoing Process Improvement & Innovation**
IPE Curricular Offerings

IPE/P Activities are Leveled based on student & program readiness:

• **Initial** (Knows) 1st Year Students
• **Intermediate** (Knows How and Shows) 2nd Year Students
• **Advanced** (Shows and Does) 3rd Year – Residency

**IPEC core IPE Competencies for the Health Professions and a model of competency development are utilized to aid in setting IPE/P objectives and assessing outcomes.**

**G. E. Miller’s Competency Development Model**

- **Knows** (Recognition and Recall)
- **Knows How** (Application to Case Based Scenarios)
- **Shows** (Demonstration of Procedural Knowledge)
- **Does** (Consistent and Spontaneous Display)
Initial IPE/P Institutional Workshops
UNTHSC 1st Year Students

Fall
- Online Lesson 1 Teamwork and Communication (IHI Lesson PS 103)
- Online Lesson 2 Exploring the Professions (UNTHSC Module)
- Initial IPE Team Activity 1 “Establishing a Team”

Spring
- Online Lesson 3 Dignity and Respect (IHI Lesson PFC 101)
- Initial IPE Team Activity 2 “Geriatric Skills Workshop”
- SAGE Team Home Visits 1 & 2 (Seniors Assisting in Geriatric Education)
## Intermediate IPE/P Institutional Workshops
**UNTHSC 2nd Year Students**

### Fall

- **Online Lesson 1** Introduction to Patient Safety (IHI Lesson PS 100)
- **Intermediate IPE Team Activity 1** Ambulatory Patient Safety Case
- **SAGE Team Home Visits 3 & 4** (Seniors Assisting in Geriatric Education)
- **TeamSTEPPS Training** (Three Stage Simulation Training with Legos Team Tower)

### Spring

- **Online Lesson 4** Introduction to Population Health (IHI Lesson TA 101)
- **Initial IPE Team Activity 3** “Elena’s Case” Childhood /Adolescent Obesity Case Scenario
- **SAGE Team Home Visits 5 & 6** (Seniors Assisting in Geriatric Education)
- **TeamSTEPPS Training** (Two Stage Simulation Training with Mannequins around Basic Life Saving)
Advanced IPE Opportunities

- IPE Code Simulation (Medicine, Nursing, Chaplain Residents, Pharmacy)
- Pediatric Clinic Dietetics Internship (Dietetics, Medicine, PA)
- Pediatric Mobile Clinic (Dietetics, Medicine, Public Health)
- Pediatric School Physicals Program (Medicine, PT, Nursing, Dental Hygiene)
- Online Longitudinal Geriatric Collaborative Team Case (Nursing, Medicine, PA, PT, Social Work, Pharmacy)
- OB/GYN Clerkship IPE Experience (Medicine and Nursing)
- IPE Culinary Medicine (Medicine, Dietetics, PA, Pharmacy)
Examples of Collaborative Practice Opportunities at UNTHSC

Interprofessional Teams work together on case based activities through institutional IPE/P workshops

Interprofessional Culinary Medicine

Collaborative Code Team Simulation

Pediatrics Ambulatory Clinic Dietetic Internship
Examples of Collaborative Practice Opportunities at UNTHSC

SAGE Teams

Pediatric Mobile Clinic

CATCH 1 For Health
Elementary School Children Physicals, Hearing, Vision, and Oral Screenings

TeamSTEPPS Training
IPE/P Assessment

- Program Evaluation and Objectives Outcomes Assessment for each IPE Team Session
- Facilitators provide Program Evaluation and Observed Objectives outcomes for each IPE Team Session
- IHI Online Modules have post tests that must be achieved at 80% to pass module
- Individual Readiness and Team Readiness Assessments
- IPE Program Evaluation Questions are included in an annual HSC Survey
- IPE Questions have been added to the Medical School Senior Survey
- IPE Code Simulation utilized a post simulation pre/post confidence scale over learning objectives
- Have piloted an IPE knowledge based assessment pre/post for 1st year students
- Developing a Knows How IPE competency level assessment
- Peer based feedback on team performance for SAGE and online geriatrics longitudinal case
IPE/P Training has been developed for Faculty, Preceptors and Practicing Professionals

Collaborative Practice Objectives are Integrated into Continuing Ed. For Practicing Professionals

UNTHSC Faculty Online Training Modules

TeamSTEPPS Team Strategies and Tools to Enhance Performance and Patient Safety

Annual Patient Safety Summit Fall 2016 Interprofessional Practice Symposium June 2, 2016 at UNTHSC ce.unthsc.edu
Reflections on Our IPE Journey

- You can’t assume IPE means the same thing to everyone.
- Being a good instructor is not equal to being a good small team facilitator.
- Faculty within each profession know their students, listen to them!
- It’s extremely difficult to not be profession centric.
- Food is a powerful motivator!
- It’s really all about relationships, be protective
- IPE program refinement must be ongoing.
- Institutional oversight of IPE is key.
- Adaptability and flexibility work best.
- Collaboration must be win/win.
- With collaboration challenges can be overcome!
“What new ideas did you have and or hear to help you accelerate your IPE/P efforts for your institution?”