

IPE NEWS & EVENTS

from the Office of Interprofessional Education



WHY IS TEAMWORK IMPORTANT

Research shows that medical error is estimated to be the third leading cause of death in the United States behind heart disease and cancer. Researchers have said that is the equivalent to two jumbo jet crashes every day. In looking at that a little deeper, it is the equivalent to 29 airline passengers dying each hour or 688 airline passengers dying each and every day.

The Joint Commission reports that 79% of adverse events are due to failures in leadership, communication, and human factors.

While there is some concern that these number could be exaggerated, it should still catch our attention and inspire us to develop better methods of teamwork and communication across healthcare.

TeamSTEPPS is one method in creating effective change in healthcare. TeamSTEPPS is an evidence-based teamwork system aimed at optimizing patient outcomes by improving communication and teamwork skills among health care professionals. It can be used in both a clinical and non-clinical setting.

TeamSTEPPS Master Training on the Lubbock campus has been postponed until late summer. More information will come out once we have returned to a normal work schedule.

For more information on TeamSTEPPS click [here](#).

MARCH NEWS:

IPE AND GLOBAL HEALTH

TEAMSTEPPS MASTER TRAINING

SUMMER ESCAPE ROOMS

**IPE REGISTRY SPOTLIGHT:
INTERNATIONAL PROGRAMS FOR
STUDENTS: AN IMMERSIVE
INTERPROFESSIONAL GLOBAL
HEALTH EDUCATIONAL EXPERIENCE**

SPRING IPE DAY RECAP

**UPCOMING IPE EVENTS AROUND
THE STATE AND NATION**

COMING NEXT MONTH:

**STUDENT ORIENTATIONS, WELCOME
BACKS, & GET TOGETHERS**

**NEW IPE ACTIVITIES FOR
ONLINE LEARNERS**

**SOP MEDICATION CLEANOUT
AND MORE!**

IPE Mission Statement:

The mission of the Office of Interprofessional Education at TTUHSC is to inspire and transform future healthcare professionals through collaborative learning of interprofessional methods in student education, faculty development, and preceptor training to advance the overall health and well-being of the West Texas community and beyond.

GLOBAL HEALTH AND INTERPROFESSIONAL EDUCATION

by Theresa Byrd, DrPH, RN, Associate Dean
Graduate School of Biomedical Sciences, School of Public Health

The TTUHSC Office of Global Health sponsors several faculty-led international programs for students every year. These programs offer an ideal opportunity for interprofessional education. I have experienced programs offered in Peru and the Philippines, and I want to share the amazing interprofessional and cross-cultural experiences our students have on these trips.

Peru

In June 2019 we traveled to Piura, Peru with nursing, medical, and public health students. Faculty represented nursing (including both undergrad and advanced practice), medicine, pharmacy, and public health. We held a primary care clinic every day for a week, and saw about 1100 patients. In addition, the public health students were out and about in the community doing a health assessment. They completed 100 water tests, 100 surveys, 3 focus groups, several key informant interviews, and worked with kids in the elementary school to do a photovoice project. We also worked closely in the clinic and in the community with students and faculty from the University of Piura, and with volunteers from Olive Branch Ministries International (<https://olivebranchministriesinternational.com/>). The great thing is that all of the students received experience in every area. For example, the public health students all spent time in the clinic doing triage, packaging pills, and helping the pharmacist. The nursing and medical students came with us to the community. It was amazing to see how the students "got it". The public health students got a new understanding of a busy medical clinic and pharmacy work. And the medical and nursing students loved being in the community. They told us things like: "Oh, now I get why we are seeing so many infections in the clinic!" and "We need to increase health education in the community so people understand why they are getting sick". In addition, the students got to know fellow students from the University of Piura, and became fast friends, still connected on Facebook and WhatsApp. This June, we plan to return to the same community. Based upon we found in the assessment, the public health students will be doing a community training on building composting latrines, with the help of faculty and students from the engineering department in Piura. They have already consulted with the engineering school at TTU, to learn more about composting latrines. They will also teach residents how to chlorinate their water. This year public health, nursing, and pharmacy will be joined by students in the School of Health Professions

Philippines

The TTUHSC School of Nursing has had a long and fruitful collaboration with Silliman University School of Nursing in Dumaguete. In January 2019, we offered the first faculty-led international program for students. They learned so much by training with their peers at Silliman. In 2020, we added public health students to the annual international program. Again, students completed an assessment in the community, together with public health students at Silliman. As in Peru, the nursing students also had the opportunity to join us. The public health students were also able to visit the hospitals and clinics. It was a very rich experience for our students and the students at Silliman. Once the public health students have looked at all of the data, we will work with folks we know in the community in Dumaguete to decide what the best project will be for next year.

The Global Health programs offer a great opportunity for both students and faculty. For more information about upcoming programs, visit the Office of Global Health website at <https://www.ttuhs.edu/global-health/sites.aspx>. Come join us!



TeamSTEPPS® Master Training Course



**Postponed till late
summer 2020.
Please watch the
announcement page
for updates.**

Free to TTUHSC faculty and staff!

The TeamSTEPPS® Master Training Course is an interactive train-the-trainer course that prepares participants to plan, teach, implement, and sustain TeamSTEPPS®. Approximately 6 hrs of online pre-work required.



REGISTER ONLINE

<https://ttuhsc-teamstepps-mastertraining.eventbrite.com>



Contact us at: ipe@ttuhsc.edu | (806) 743-2028
Learn more at: www.ttuhs.edu/interprofessional-education

TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER
Office of Interprofessional Education

SUMMER 2020 ESCAPE ROOM PLANS ARE UNDERWAY

The Office of Interprofessional Education will be hosting a fun and engaging Escape Room this summer during the month of July for all new and returning TTUHSC students. This beginner escape room is an adventurous way for new students to meet others across our various healthcare professions, improve interprofessional teamwork and communication, and collaborate together to solve puzzles that will ultimately lead to a discharge plan in a simulated patient case. Team members are not required to have discipline-specific knowledge and teams will be provided clues as needed.

The IPE Escape Room is a perfect opportunity for new students to learn more about TTUHSC, work with an interprofessional team of students from various professions, and learn more about the importance of interprofessional education and practice in healthcare.

Escape Room Details:

To escape the room, interprofessional teams of students will work together to solve an introductory clinical case and then discuss the teamwork and communication skills used. Participants can build their own team of 6-8 students or can be placed on a team. At least two professions must be represented on each team. Teams will have one hour to complete the challenge. Following the completion of the challenge or at the end of the hour, a debrief will take place allowing teams to discuss their escape room experience and evaluate their teams performance. Please allow additional time for the team discussion.

Registered participants who complete the Escape Room challenge will receive a certificate that can be given to their program directors for IPE graduation credit.

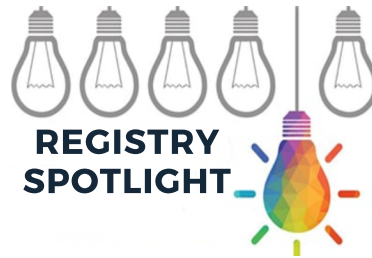
If you would like to have the Escape Room on your campus, or for more information, please contact the Office of Interprofessional Education at ipe@ttuhsc.edu or call us at (806)743-4307.



IPE Core Competencies **Roles and Responsibilities**

Who Am I?

I standardize drug potency, doses, and methods to allow for the mass manufacturing and distribution of drugs and medical compounds.(answer on page 5)



International Programs for Students: An Immersive Interprofessional Global Health Educational Experience

Type of Learning Activity:

- * Experiential and/or Clinical Learning
- * International/global health experience

IPEC Core Competencies Targeted in this Activity:

- * Interprofessional Communication
- * Roles and Responsibilities
- * Teams and Teamwork
- * Values and Ethics

Level of IPE Integration:

- * Immersion Level

Brief Description:

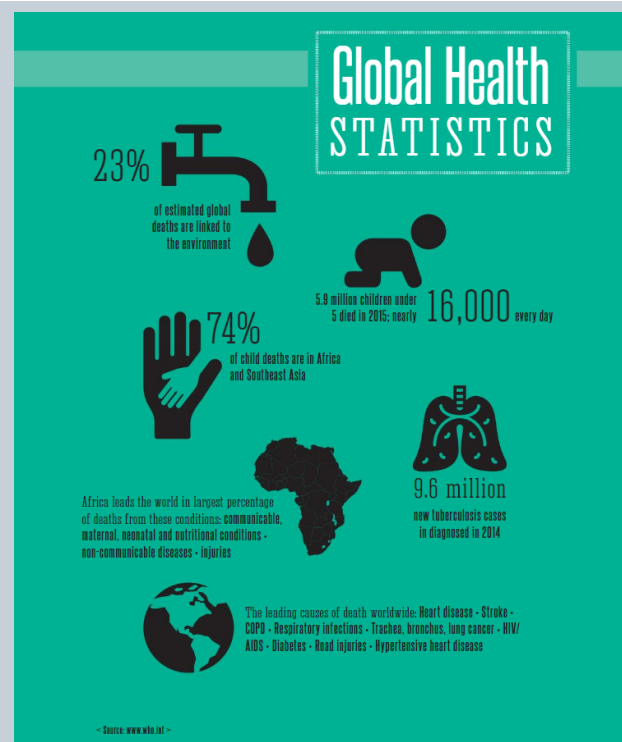
Immersive global health education, in the form of the TTUHSC international programs for students, brings together students from diverse professions to examine challenges facing the global society. With these interprofessional perspectives, teams of students develop innovative ideas that advance collaborative care practices locally and internationally. Students who participate in these global health learning experiences gain cultural humility and global health awareness, as well as learn to collaborate and foster interprofessional interconnectedness. Immersive global health provides opportunities for students to collaborate with others students from different health care background, engage with diverse opinions, and solve problems by incorporating multiple perspectives. By participating in international team-based care, students become more confident in their professional

and team identities. It also encourages students to value other health professions, and better prepares students for collaborative patient-centered care.

Across all TTUHSC international program sites, immersive interprofessional global health education requires knowledge of community cultures and values/ethics, along with respect for the knowledge and experiences of community members and community health workers. Immersive global health education affords students opportunities to understand the larger structural forces underlying social issues, provides transformational interprofessional learning experiences, and help students see the world, and the practice of their profession, in a different way.

FOR MORE INFORMATION ON THE GLOBAL HEALTH PROGRAM AT TTUHSC, CONTACT **MICHELLE ENSMINGER**. AT (806) 743-2901 OR EMAIL, MICHELLE.ENSINGER@TTUHSC.EDU.

FOR A PDF LINK TO THIS REGISTERED IPE ACTIVITY, CLICK [HERE](#).



Mike Russell, TTUHSC School of Medicine (now an alumni), shared insight following a global health trip to Haiti in 2010 with *Pulse*.

A 12-year-old boy asked us for water, but he was blind and couldn't see the bottle in my hand. He was blinded by a parasite, one that could have been treated. He was blinded because he had no access to basic medical care.

Russell shared that the overall experience of the trip "solidified his purpose" in studying medicine and a passion for global medicine. Read more about his experience [here](#).

SPRING IPE DAY 2020

On February 14, 2020, the Office of Interprofessional Education hosted Spring IPE Day to foster improvement in interprofessional communication and teamwork skills within a public health emergency framework with an emphasis on community resources, policy, action planning, and population health. The theme of the 2020 Spring IPE Day was Fire in the Heartland and featured public health outcomes and interprofessional action response planning associated with Texas wildfires. Spring IPE Day provided an opportunity for students from clinical, research, and population health programs to learn from, with, and about each other to foster improved understanding of public health and patient safety concepts within social determinants of health and interprofessional collaboration contexts.

Spring IPE Day was held on five TTUHSC campuses with participation from all schools. Approximately 704 faculty, staff, pharmacy residents, and students participated in this event, indicating a 25% growth rate from 2019. Student outcome assessment data indicated quality improvement on all campuses with the greatest improvement in facilitators being organized, the event reflecting real-life situations encountered in practice, and the activity meeting the learning objectives. Planning has already begun for the 2021 Spring IPE Day, which is tentatively scheduled for February 12, 2021.



UPCOMING IPE EVENTS ACROSS THE STATE AND NATION:



JUNE 3-5, 2020 | NEW ORLEANS

Join us for 2020's premier teaming event! Our national conference is the meeting point where different interdisciplinary groups from diverse health care settings come together to fundamentally change the future of team-based health care. By combining practical techniques and tools with new ideas, our presenters and participants are working together to help create a culture of safety. Registration is now open. For more information click [here](#).



Did you guess it right? The **Who Am I** Monthly Challenge is Medical Scientists!

Contact Us: Office of Interprofessional Education

(806) 743.2028 * ipe@ttuhsc.edu * www.ttuhsc.edu/interprofessional-education