

TEXAS SOUTHERN UNIVERSITY



COLLEGE *of* PHARMACY *and* HEALTH SCIENCES

Spring 2017



“Striving to create access to and delivery of high quality teaching, research, public service and health professions experiences for health care leaders.”

“One College, One Goal, One Mission”

College of Pharmacy and Health Sciences

Interdisciplinary Health Professions Simulation Center

The IHP Sim Center is a 20,000 square foot space housed on the 2nd floor of the HPPSC. It provides a simulated hospital and clinic environment to assess the ability of health professions students to work collaboratively to care for patients as taught in the practice labs and classrooms. It replicates a health system and has 10 outpatient assessment rooms, similar to those seen in a doctor's office and 6 inpatient rooms, similar to those seen in a hospital. This simulation center is very innovative as it goes beyond simulated hospital and clinic rooms that are traditionally offered by health profession academic institutions to also include all of the major operational units (e.g. nursing unit, pharmacy, respiratory therapy department, clinical lab, medical records department, etc.) that are typically found in healthcare institutions to support the care provided in the hospital and clinic patient room. The simulation center primarily utilizes trained professionals to serve as standardized patients (model patients) for the assessments. High fidelity manikins (robotic patients) and members of the surrounding community are also utilized to evaluate student competence. Additionally, activities are able to be recorded and monitored in real-time by faculty in a designated space, as well as played back to students to facilitate learning from experiences.

The IHP Simulation Center implemented several pilot simulation events with a select group of courses/programs in Spring 2016 and will expand the integration of simulation into all of the COPHS programs beginning Fall Semester 2016.



Assessing with Role Play and Simulation

The use of simulation in testing allows faculty to observe and assess a learners' professional and clinical competence. The Objective Structured Clinical Examination or the OSCE is a single-station or multi-station clinical skills examination that uses standardized patients to allow learners to demonstrate specific skills.



Skill Labs Training with Simulation

Learners will receive hands-on training, practicing a wide variety of skills using simulators, task trainers and SPs in an environment which eliminates risk to an actual patient.

COPHS 2016 Alumni Practice Lab Donors



Mrs. Bailey, Dr. Capers, Dr. Ceril, Dr. Cooper, Dr. James, Dr. Knox, Dr. Morris Moultry, Dr. North and Dr. Flemings

The Health Professions Practice and Simulation Complex house four practice labs. During Homecoming 2016, alumni made donations toward the maintenance of the practice labs and were recognized at a Linking to Legacy reception.

Interprofessional Education at UTMB Galveston



On Tuesday, January 10, 2017, Dr. Milton, interim dean, the COPHS IPE committee and 110 4th year pharmacy students participated in a regional Interprofessional Education (IPE) activity at University of Texas Medical Branch in Galveston. Over 900 students and providers from various disciplines across UTMB participated in the half-day, interactive IPE activity. This is the second year that TSU has participated in the UTMB IPE Event. The activity was coordinated by the COPHS IPE Committee.

COPHS Welcomes Class of 2020 – Induction Ceremony



On Tuesday, September 15, 2016 in Sawyer Auditorium over 70 students were inducted into the College of Pharmacy and Health Sciences. Our very own alumni Dr. Polly Sparks Turner, delivered inspiring words of wisdom to the incoming Pharmacy Class and audience members. Over 200 students, faculty/staff and family members were in attendance to celebrate the start of their health profession academic careers.

Students Demonstrate Excellence in Research 2016

Presenter	Faculty	Title
Fomanyi F. Fossoh	Dr. Joshua Swan	Association of serum creatinine within twenty-four hours of admission of the intensive care unit and in-hospital mortality among surgical intensive care unit patients.
Hongmei Wang, PhD, Du Phung	Dr. Joshua Swan	Association between Braden Scale for Predicting Pressure Sore Risk and incident skin adverse reactions among surgical intensive care unit patients.
Esther Okoro, Christine McNamara	Dr. Joshua Swan	Demonstration of How to Use Pilot Data to Estimate Sample Size to Test the Association of Age and Health Literacy Among Geriatric Surgical Patients
Kiydra Harris, Oluwaseyi Fasiku, Oluchi Juliet Emelogu	Dr. Rodney Hunter	Experience with IBRANCE® (palbociclib) at the UT Health Memorial Hermann Cancer Center
Minh Y. Do, Ferrari Wong	Dr. Lily K. Cheung	Impact of postoperative follow-up visits on weight loss in Roux-en-Y gastric bypass surgery patients
Kim Ngan Do, Phuong Truong, Stephy Geoson, Jackie Nguyen	Dr. Sondip Mathur	Safe Over-the-Counter Medications during Pregnancy for Acid Reflux, Allergies, Constipation, and Pain
David Tran, My-Hue Manh, Nancy Phan, Ngoc-Hai (Heidi) Tran	Dr. Sondip Mathur	Perceived Value and Pharmacist Workflow Impacts of Providing Immunization Services at Community Pharmacies: Feedback From National Online Discussion Forums
Nga Le, Shaf Malik, Nancee Pham	Dr. Angie Eaton	Instructional Methods in Health Professions Education
Quincy Bing	Dr. Sondip Mathur	Inconsistent dose delivery of vancomycin compounded for oral administration.
Rolicia Norman	Dr. Uche Ndefo Dr. Andrea Henry	Academic detailing has a positive effect on appropriate antibiotic prescribing and drug costs to a health plan

COPHS 2016 Research Publications

- ✓ Wen, C. P., F. Zhang, **D. Liang**, C. Wen, J. Gu, H. Skinner, W. H. Chow, Y. Ye, X. Pu, M. A. Hildebrandt, M. Huang, C. H. Chen, C. A. Hsiung, M. K. Tsai, C. K. Tsao, S. M. Lippman and X. Wu (2015). "The ability of bilirubin in identifying smokers with higher risk of lung cancer: a large cohort study in conjunction with global metabolomic profiling." *Clin Cancer Res* **21**(1): 193-200.
- ✓ Asbill S, Moultry AM, Policastri A, Sincak CA, Smith LS, Ulbrich TR. Debating the effectiveness and necessity of tenure in pharmacy education. *Am J Pharm Educ.* 2016; 80 (6) Article 94.
- ✓ The AHRQ Health Care Innovations Exchange Medication Therapy Management Learning Community. Implementation of a Medication Therapy Management Intervention in Ambulatory Care Settings: Experiences and Lessons Learned From the MyRx Pilot. https://innovations.ahrq.gov/sites/default/files/experiences_and_lessons_learned_from_the_myrx_pilot.pdf. Accessed Sep 14, 2016.
- ✓ AHRQ Health Care Innovations Exchange. Convening a Learning Community to Advance Medication Therapy Management for At-Risk Populations. Available at: <https://innovations.ahrq.gov/perspectives/convening-learning-community-advance-medication-therapy-management-risk-populations>. Accessed Sep 14, 2016.
- ✓ Drug Topics. Pharmacists Take MTM to Seniors in Their Homes. Interview about previous work. Available at: <http://drugtopics.modernmedicine.com/drug-topics/news/pharmacists-take-mtm-seniors-their-homes>. Accessed Jan 5, 2016.
- ✓ Salvi A, Bankhele P, Jamil J, Chitnis MK, Njie-Mbye YF, Ohia SE, Opere CA. *Effect of Hydrogen Sulfide Donors on Intraocular Pressure in Rabbits.* *J Ocul Pharmacol Ther.* 2016; 32(6):371-5. PMID: 27092593
- ✓ Salvi A, Bankhele P, Jamil J, Chitnis MK, Njie-Mbye YF, Ohia SE, Opere CA. *Pharmacological Actions of Hydrogen Sulfide Donors on Sympathetic Neurotransmission in the Bovine Anterior Uvea, In Vitro.* *Neurochem Res.* 2016; 41(5):1020-8. PMID:26700431