

TSU COPHS students and faculty participates in HDHEART-C in Houston Texas.

TSU COPHS students and faculty attended the “15th Annual Disparities in Health in America: Working Toward Social Justice,” at Rice University. The summer workshop participants come from across the nation and represent a broad variety of interests. The audience included students and mentors, nurses and social workers, health policy analysts and attorneys, biomedical researchers, and other health care professionals. The goal of the Annual Disparities in Health Summer Workshop is to provide a comprehensive understanding of health disparities, to investigate approaches to enhancing health equity, and to provide participants with a broad base knowledge related to a bio-psychosocial approaches in addressing health disparities in minority and medically underserved populations. Students from environmental health, health administration, dietetics, and pharmacy presented their posters during the reception and poster session. Texas Southern University students attended the special guest lecturer & book signing for John Ruffin, PhD who is a founding director, National Institute of Minority Health and Health Disparities. Additionally students met with Dr. Lovell A. Jones, Founder & Executive Director, Health Disparities, Awareness, Research & Training Consortium (HDEART-C).

Assistant Professor in Health Administration, Dr. Monica Rasmus discussed Making Health Equity a Strategic Priority: A Leader-Driven Imperative with other notable industry leaders. Additionally, over 6 of our students attended and earned academic credit.

TSU student Mahsa Esmaeili presented “Acrolein- Induced Epigenetic Modification of Histone 3 in Rat Vascular Smooth Muscle Cell” participated in the poster presentation, pictured with Dr. Jones. TSU students Erika Dennis, Janelle Davis, Mashsa Esmaeili, Knubian Gatlin, Sedigheh Heydari, Manvir Kaur and Aisha Kazeem were in attendance and presented. Students participating in the Child and Maternal Health Training Program also presented. Dr. Omonike Olaleye serves as Co-Director of the program in a joint training grant with Baylor College of Medicine.

TSU COPHS is a proud member of the Health Disparities, Awareness, Research & Training Consortium (HDEART-C) and have hosted and participated in the offering of the Annual Disparities in Health in America course which is open to students of all member institutions.



College of Pharmacy and Health Sciences

**Healthcare March
US Congresswoman Jackson Lee**



**TPA Galveston in July 2017
TSU Alumni & Students**



TSU 2017 Faculty Excellence

Uche Anadu Ndefo, Pharm.D., BCPS

Carnegie African Diaspora Fellowship Program



Dr. Uche Anadu Ndefo from Texas Southern University College of Pharmacy and Health Sciences was awarded a fellowship by the Carnegie African Diaspora Fellowship Program to travel to Nigeria to work with University of Nigeria, Nsukka (UNN) and Professor Godswill Onunkwo on curriculum co-development for the new Doctor of Pharmacy program with emphasis on preceptorship and rotation site development. The students at the University of Nigeria are expected to reap the most benefits from this program as their degree program changes from a Bachelor's to a Doctorate. University of Nigeria Teaching Hospital will serve as the primary rotation site for the preceptorship development with over 70 pharmacists on staff who will work with the faculty of UNN.

The University of Nigeria project is one of 43 projects that will pair African Diaspora scholars with one of 35 higher education institutions and collaborators in Africa to work together on curriculum co-development, research, graduate teaching, training and mentoring activities in the coming months. The visiting Fellows will work with their hosts on a wide range of projects that include research in banking and finance; developing curriculum in therapeutics and environmental toxicology; mentoring faculty in computer science; and teaching and mentoring graduate students in media and communications and in a new interdisciplinary public health program. To deepen the ties among the faculty members and between their home and host institutions, the program is providing support to several program alumni to enable them to build on successful collaborative projects they conducted in previous years.

The Carnegie African Diaspora Fellowship Program, now in its fourth year, is designed to reverse Africa's brain drain, build capacity at the host institutions, and develop long-term, mutually-beneficial collaborations between universities in Africa and the United States and Canada. It is funded by Carnegie Corporation of New York and managed by the Institute of International Education (IIE) in collaboration with United States International University-Africa (USIU-Africa) in Nairobi, Kenya, which coordinates the activities of the Advisory Council. A total of 282 African Diaspora Fellowships have now been awarded for scholars to travel to Africa since the program's inception in 2013.

Texas Pharmacy Association conference in San Antonio Texas



Congratulations Darrell Harris, 2017 recipient of the TPA Scholarship.



TPA Conference Snack & Chat with Dean Milton



TPA participation by Alice Mendoza, Texas State Board of Pharmacy Member and TSU Alumnus-attended alumni reception and "Snack and Chat with the Dean. Shared her experiences with students in becoming a leader in the profession.

COPHS students and alumni at TPA Awards Luncheon



On July 7, 2017 at TPA over 20 students and alumni attended the awards luncheon. Where they network, connect and discuss their successes.



TSU COPHS attends National Pharmacy Association (NPhA) in Las Vegas
TSU College of Pharmacy and Health Sciences Alumni & Friends



Former US Surgeon Gen. Regina Benjamin, TSU COPHS Dean Milton, students, faculty & alumni



SNPhA TSU Chapter President Julian McKnight received the Dr. Cleon Fowler Endowed scholarship award.



SNPhA TSU Chapter Vice President Jerman Acevedo received the Dr. Ligon scholarship award.

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Summer Highlights

The COPHS Respiratory Therapy program was featured in the June Issue of The Coalition Chronicle, the issue was circulated to approximately 550 respiratory therapy educators and students. Texas Southern University was chosen for the following reasons:

- A stellar record of 100% pass rate on the RRT exams for several years.
- Well qualified faculty members all holding master's degrees.
- Importance of show-casing strong programs that are available to students with minority backgrounds.
- A strong baccalaureate BSRT curriculum with a provision for associate degree RRTs to work on a BSRT degree.



COPHS Interdisciplinary Simulation Center host Summer Scholar Academy

The College of Pharmacy and Health Sciences Interdisciplinary Health Professions Simulation Center played an integral role in the 2017 COSET Summer Scholars Academy by providing simulation activities for students enrolled in the Biomedical, Robotics and CodeHER programs.

Robotics and CodeHER students in 3rd – 7th grade

- ✓ Physiology lab (Heart rate, blood pressure, respiratory rate, lung sounds, heart sounds, oxygen saturation)
- ✓ Biomedical robotics lab (low fidelity vs high fidelity simulators)
- ✓ Math lab (measurements and conversions)
- ✓ Telecommunications lab (paging, audio-video)
- ✓ Compounding lab (lotions and creams)

Capstone project: Programming challenge! Convert a low-fidelity simulator to a high-fidelity simulator.

Biomedical students in 8th – 12th grade

- ✓ Microbiology lab (hand hygiene, cleaning procedures)
- ✓ Physiology lab (Heart rate, blood pressure, respiratory rate, lung sounds, heart sounds, oxygen saturation)
- ✓ Math lab (measurements and conversions, ratio and proportion, and dimensional analysis)
- ✓ Compounding lab (lotions, creams, ointments, and lipstick/lipbalm)
- ✓ Chemistry lab (acid-base, solubility, colligative properties)

Capstone project: Soda challenge! Pharmacists invented most of the soda formulations that you drink today. Invent your own soda formulation. Create your brand name for the formulation. Create a commercial to market your formulation.



Maternal and Child Health Student Training for Academic Readiness and Success (MCH STARS) A Partnership between Texas Southern University and Baylor College of Medicine

The MCH STARS provide an integrated, interdisciplinary Maternal and Child Health (MCH) undergraduate training and mentoring program that offers MCH competencies combining didactic teaching with skill acquisition leading to an MCH undergraduate certificate from Texas Southern University and Baylor College Medicine.