During the third week of April, students selected from the dental, medical, nursing, public health, and informatics schools of the University of Texas Health Science Center at Houston (UTHealth) completed a pilot simulation course at the Surgical and Clinical Skills Center (SCSC) and at a computer lab in the McGovern Medical School. The course consisted of two standardized patient simulations that took place on Wednesday, April 19, 2017, and on Friday, April 21, 2017. UTHealth faculty members organized the students into interprofessional health care teams for each day. The teams were responsible for devising an appropriate treatment regimen for an ambulatory patient with osteoporosis, and investigating the medication errors that resulted in an inpatient's prolonged medical stay.

Additionally, the teams utilized techniques from the TeamSTEPPS (Team Strategies and Tools to Enhance Performance and Patient Safety) pocket guides to help them communicate with the patients and each other. The techniques included brief, debrief, SBAR (Situation-Background-Assessment-Recommendation) method, CUS, two-challenge rule, and check-back.

The course is part of a larger project titled Caring for Patients as a Team: Assessing Interprofessional Education through the Development of Standardized Patient Cases. In 2016, the University of Texas System Patient Safety Committee awarded a grant to the principal investigator, Jennifer L. Swails, MD, assistant professor and associate director of the Internal Medicine Residency Program at the McGovern Medical School. Project co-investigators Mariya Tankimovich, DNP, RN, FNP-C, Anneliese O. Gonzalez, MD, Allison R. Ownby, PhD, Patricia Butler, MD, Ms. Marcy Hamburger, Peggy Hsieh, MEd, PhD, and Ms. Monica Garcia assisted Dr. Swails.

The goal of the project is to develop and implement a standardized patient (SP) curriculum for interprofessional education that will provide students with the skills to practice patient-centered and team-based care in a clinical setting.

The assistance from the Center for Interprofessional Collaboration (CIPC) included the development of a
Canvas course for the simulations, student registration, snacks, and validated parking.

Students joined the online course two days before the ambulatory and inpatient simulations began. They took a pre-test that included the Interprofessional Collaborative Competency Attainment Survey (ICCAS), a tool developed by Dr. Colla J. MacDonald, Professor and Distinguished Professor from the University of Ottawa. The students watched video lectures pre-recorded by Dr. Swails, read documents that would help them to evaluate the standardized patients, and completed an orientation to an electronic health record (EHR) software.

On Wednesday morning, the ambulatory simulation began in the computer lab. Five interprofessional health care teams reviewed the standardized patient’s information from an EHR and held a briefing to discuss their treatment plan.

Then, each team sent dental, medical, and nursing students to the SCSC to speak with the patient while the informatics and public health students remained in the computer lab to answer questions from an online worksheet. Finally, teams developed a treatment plan for the standardized patient and held a debriefing.

Five additional teams participated in the inpatient simulation on Friday. They were given the task of caring for a patient who suffered from an acute kidney injury after receiving medication. They identified medical errors that led to his injury, held briefings to prepare for the patient encounter, and proceeded to the SCSC to interview the patient. Finally, the teams held debriefings to evaluate their patient encounter and prepared media statements that apologized for the patient’s injury.

The next standardized patient simulation course will take place this summer on Thursday, July 20, 2017 from 7:00 am – 12:00 pm, and Friday, July 21, 2017 from 11:00 am – 4:00 pm. For more information about how to participate, contact Dr. Jennifer Swails at Jennifer.L.Swails@uth.edu.
UTHealth Faculty Members Launch 3-5 Year Interprofessional Clinical Project

By UTHealth CIPC

The Center for Interprofessional Collaboration at the University of Texas Health Science Center at Houston (UTHealth) launched an initiative in 2016 to integrate interprofessional education with the curriculum of six UTHealth schools. This was a competitive process requiring submission of a request for proposal (RFP).

In December of 2016, the CIPC awarded the Health Promotion Team a $5000 grant to launch a 3-5 year project titled: Development and Implementation of Novel Interprofessional Learning Activities for UTHealth Students. The project will establish a preventative services clinic for homeless vets at U.S. Vets at Midtown Terrace, located at 4640 Main Street in Houston, TX.

Heba F. Sadaka, M.S.N., R.N., C.N.E., formerly an instructor in the department of Acute and Continuing Care at the UTHealth School of Nursing, was the project principal investigator. According to Mrs. Sadaka, “UTHealth students will work together in teams on activities designed to help them develop an understanding of each other’s roles and responsibilities. The students will work together to provide health promotion activities to patients at the clinic.”

Sadaka further elaborated that “SBMI and SPH students will work with the clinical students from the SOD, SOM, and SON to develop culturally relevant and easy-to-understand health information brochures, videos, and other materials for the clients, develop and maintain a database of information on the procedures/services provided to clients, collect patient demographics and other useful data, and administer questionnaires to clients.”

“The nursing students will meet with clients, collect data, perform nursing assessments, and provide clients with health education as appropriate for their condition,” she explained. “Nursing students will communicate the data collected from the clients by providing reports to the dental and medical students who will perform examinations and provide basic preventive services to the clients.” Mrs. Sadaka also described the role of dental students at the clinic. Sadaka explained in more detail, “Dental hygiene students will provide clients with basic oral preventive services and will distribute the health information materials developed by SBMI and SPH students to the clients.”

Additionally, Mrs. Sadaka stated that participating students would complete three 4-hour to 8-hour shifts at the clinical site (based on their program), and one shift per month for the duration of the semester. Faculty from each of the schools would be present at the clinical site to supervise students and to provide patient care.

Sadaka noted, “The goals are for students to develop an understanding of each other’s roles and responsibilities and to learn teamwork and communication skills and practice working in a team. The project addresses the Interprofessional Education Collaborative’s core competencies of roles/responsibilities, communication and teamwork.”

Students from all UTHealth schools will have the opportunity to participate in the program by registering for the program in the fall 2017 semester. For more information, please contact Dr. Arch Carson, Associate Professor of Occupational Health at the School of Public Health, at Arch.Carson@uth.tmc.edu.
The Center for Interprofessional Collaboration (CIPC) at the University of Texas Health Science Center at Houston (UTHealth) held the Interprofessional Team Training at the University of Texas School of Dentistry in RM. 4310. Forty-three UTHealth students attended the event on four consecutive days from April 6, 2017 to April 27, 2017.

They received training in TeamSTEPPS (Team Strategies and Tools to Enhance Performance and Patient Safety), learned about the roles and responsibilities of other health professions, and participated in case studies that provided an opportunity for them to practice their communication and teamwork skills. The students sat at four tables arranged in a way that would help them to interact with classmates who represented other health science disciplines.

“I most enjoyed meeting students from every single school and discussing the kind of education and work in which we are all involved,” said Stephanie Bsaibes, a Master of Public Health candidate who attended the event. “I think our casual conversations and the team-building ice breakers we did over the course of 4 weeks helped build the foundations for successful future interprofessional collaboration.”

The event began at 5:00 p.m. with introductions followed by a presentation from team training moderator Juliana Brixey, Ph.D., M.P.H., R.N., Director of Interprofessional Collaboration at UTHealth and Associate Professor of Biomedical Informatics and Nursing. Faculty members introduced themselves to the class and shared information about the academic programs offered by the schools of biomedical sciences, nursing, dentistry, medicine, biomedical informatics, and public health. After introductions by faculty and students, the class participated in a 30-minute icebreaker activity facilitated by Mark Chassay, M.D., Assistant Professor in the Department of Orthopedic Surgery and the Department of Family and Community Medicine at the McGovern Medical School, and Heba Sadaka, M.S.N., R.N., C.N.E., an instructor for Acute and Continuing Care at the UTHealth School of Nursing.

Dr. Brixey then gave a lecture called Introduction to IPE. The first part of the lecture covered the principles and benefits of interprofessional collaboration, core competencies of IPE, and the definitions of teams, teamwork, and team training. The lecture concluded with a video that demonstrated interprofessional collaboration in a clinical setting and an educational game.

WHAT IS IPE?

“Interprofessional education occurs when two or more professions learn about, from and with each other to enable effective collaboration and improve health outcomes.”

Source: Framework for Action on Interprofessional Education and Collaborative Practice, World Health Organization, Issue Date: 2010

The second and third sessions on April 13 and April 20 began with icebreaker activities facilitated by Elda G. Ramirez, PhD, RN, FNP-C, FAANP, Professor of Nursing – Clinical, Nancy M. Crider, DrPH, RN, Assistant Professor of Family Health from the School of Nursing, and Amy Franklin, PhD, Associate Professor from the School of Biomedical Informatics.

Following the icebreaker activities, instructors from the McGovern Medical School, School of Biomedical Informatics and School of Nursing introduced students to TeamSTEPPS, a teamwork skills curriculum managed by the Agency for Healthcare Research and Quality (AHRQ). Topics included communication and leadership strategies, situation monitoring, and mutual support.

CONTINUED ON PAGE 5
The CIPC created online pre-learning activities in Canvas that helped students to prepare for the TeamSTEPPS lectures. Additionally, the department ran a GoToTraining video conference that allowed distance students to participate in all sessions.

On the last day, students participated in two case studies presented by Heba Sadaka, M.S.N., R.N., C.N.E., and Susan Fenton, Ph.D., R.H.I.A., FAHIMA, Associate Professor and Associate Dean for Academic Affairs at the School of Biomedical Informatics.

Dr. Sadaka instructed the students to learn about each other’s roles and responsibilities, read a case study about an injured farmer, and devise an interprofessional plan of care for him.

Dr. Fenton’s case study provided students with the experience of organizing and executing as a team during a simulated bus crash exercise. Five student teams conducted a brief, shared information with their team members, gave each victim a trauma severity score, and planned the fastest ambulance routes for the victims.

The workshop concluded with a pizza party and a visit from student officers of the Association of Students for Inter-Professional Healthcare (ASIPH). The CIPC awarded certificates of completion to the students and graduation cords for members of the Class of 2017.

The CIPC will offer the Interprofessional Team Training in fall 2017. If you would like to attend the next workshop, please call 713-500-3579, visit the CIPC’s website at www.uth.edu/ipc or visit our booth at Saluation 2017, a special event to welcome all new and returning students that will take place in September.

Erica Cantu, a graduate assistant from the School of Public Health, felt that the skills she learned at the workshop would serve her greatly in her health care career. “The health of patients and communities is not dependent on any one individual,” she said. “We function as a team and as part of the team we, individually, must sometimes take leadership roles and we must sometimes step back and let someone else take that role.”
The National Center NEXUS website offers IPE resources and more

By UTHealth CIPC

The 2017 Advances in Teaching and Learning conference took place on Friday, June 9, 2017 at the Cooley University Life Center, adjacent to the School of Dentistry. The UTHealth-sponsored event highlighted health research and innovations in teaching, learning and technology.

Dr. Barbara F. Brandt was the keynote speaker for the event. Dr. Brandt is the director for the National Center for Interprofessional Practice and Education (NCIPE) and serves as the associate vice president for education within the University of Minnesota’s Academic Health Center. She was joined by Dr. Susan M. Meyer, who is the co-director of the University of Pittsburgh’s Center for Interprofessional Practice and Education and an associate dean in the University of Pittsburgh School of Pharmacy.

Dr. Brandt’s presentation “The State of Interprofessional Practice and Education in Turbulent Times!”, introduced conference attendees to the NCIPE’s Nexus, a national and international hub for IPE. According to the NCIPE, the Nexus addresses the gap between health professions education and health care delivery in the United States “by creating a deeply connected, integrated learning system to transform education and care together.”

The Nexus website is divided into four areas: Informing, Connecting, Engaging, and Advancing. Informing contains the Resource Center, which is an online library of IPE/IPC articles, presentations, and videos. The Connecting page allows healthcare practitioners, educators, and researchers to network with others and join online discussion groups.

Engaging provides training for healthcare educators that want to implement and grow IPE locally. The online training includes the Nexus Learning System and webinars from the American Interprofessional Health Collaborative (AIHC). The numerous offline training events are faculty development workshops (Train-the-Trainer, Nexus 101, and Preceptors in the Nexus), national and international conferences, and the annual Nexus Summit.

According to the NCIPE, the Advancing webpage contains publications and research to “help grow the evidence about the effectiveness of IPE on health care cost, quality and outcomes.” The research is provided by universities from 21 states (as of April 2017) that are a part of the Nexus Innovations Network. Participating universities complete projects that demonstrate how IPE can be used effectively in a clinical setting. Then, the universities submit a report to the Nexus website and contribute research data to the NCIPE’s National Center Data Repository.

Visit the website www.nexusipe.org to learn more about the Nexus and the upcoming Nexus Summit, which will take place in Minneapolis–Saint Paul, Minnesota on August 20-23, 2017.
Photographs from IPE Events

Emergency/Trauma Simulation
Friday, February 24, 2017 • Grant Fay Park (between SON and SPH)
Contact: Elda G. Ramirez, PhD, RN, FNP-C, FAANP, Associate Professor of Nursing - Clinical

IPE Standardized Patient Simulation Course
Wednesday, April 19, 2017 and Friday April 21, 2017 • McGovern Medical School Surgical and Clinical Skills Center
Contact: Jennifer L. Swails, MD, Assistant Professor, General Internal Medicine

Interprofessional Collaboration Team Training
Thursdays, April 6-27, 2017 • School of Dentistry, SOD 4310
Contact: Juliana Brixey, PhD, MPH, RN, Associate Professor of Biomedical Informatics and Nursing

www.flickr.com/photos/cipc/
IPE Resources

1. Journal of Research in Interprofessional Practice & Education
   Website: [www.jripe.org/index.php/journal](http://www.jripe.org/index.php/journal)
   Twitter: [https://twitter.com/Jripe_org](https://twitter.com/Jripe_org)

2. Journal of Interprofessional Care
   Twitter: [https://twitter.com/JICare](https://twitter.com/JICare)

3. Journal of Interprofessional Education & Practice
   Website: [www.sciencedirect.com/science/journal/24054526](https://www.sciencedirect.com/science/journal/24054526)

4. National Center for Interprofessional Practice and Education
   Website: [https://nexusipe.org/informing/resource-center](https://nexusipe.org/informing/resource-center)

5. CLARION Case Competition
   Website: [www.chip.umn.edu/clarion/case-competition](http://www.chip.umn.edu/clarion/case-competition)

6. Core Competencies for Interprofessional Collaborative Practice
   Website: [www.aacn.nche.edu/education-resources/ipecreport.pdf](http://www.aacn.nche.edu/education-resources/ipecreport.pdf)

   Website: [www.who.int/hrh/resources/framework_action/en/](http://www.who.int/hrh/resources/framework_action/en/)

About the Collaborative Campus

The Collaborative Campus is a publication of The University of Texas Health Science Center at Houston (UTHealth) Center for Interprofessional Collaboration (CIPC). The newsletter features news about interprofessional education (IPE) activities at UTHealth, and announcements of local and national IPE events. Download issues from the CIPC’s blog at [www.uth.edu/ipc/blog/](http://www.uth.edu/ipc/blog/).

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Executive Vice President, Chief Academic Officer: Michael R. Blackburn, Ph.D.

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DID YOU KNOW?
The *Journal of Interprofessional Care* is a peer-reviewed medical journal that aims to disseminate research and new developments in the field of interprofessional education (IPE) and practice.

The TMC Library offers free online access to the journal:
1. Visit [http://library.tmc.edu/resources/](http://library.tmc.edu/resources/)
2. Choose the PubMed database.
3. Type *J Interprof Care* in the search bar.
The UTHealth Center for Interprofessional Collaboration presents...

INTERPROFESSIONAL TEAM TRAINING WORKSHOP

A free training workshop that will introduce you to collaborative health care!

• Meet and interact with students from all six health science schools
• Learn the core principles of interprofessional collaboration (IPC)
• Participate in activities designed to build teamwork and communication skills
• Receive training in TeamSTEPPS®
• Attend all four sessions to receive a Certificate of Completion

1. Contact your faculty representatives.
   Ms. Claire N. Singletary, Graduate School of Biomedical Sciences
   Dr. Bela Patel, McGovern Medical School
   Dr. Juliana J. Brixey, School of Biomedical Sciences
   Dr. Stacy M. Crandall, School of Nursing
   Dr. Robert D. Spears, School of Dentistry
   Dr. Arch (Chip) Carson, School of Public Health

2. Contact the CIPC.
   Contact us to learn how you can attend the next workshop.

   Phone: (713) 500-3579
   Email: UTCIPC@uth.tmc.edu
   Website: www.uth.edu/ipc

NEXT WORKSHOP:
4 consecutive Thursdays
October 5, 2017
October 12, 2017
October 19, 2017
October 26, 2017

UTHealth School of Dentistry
SOD 4310
7500 Cambridge Street
Houston, Texas 77054

Online video conferencing available for students at a distance.