



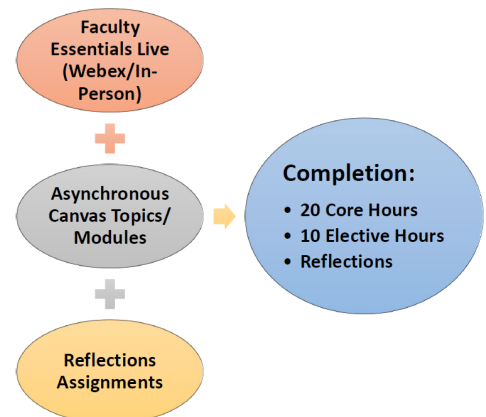
Institutional Faculty Development Program XXIII

The Office of Faculty Development is excited to announce the launch of the Institutional Faculty Development Program (IFDP) XXIII.

The Institutional Faculty Development Program (IFDP) is a comprehensive course that extends over eight months. It is offered annually and accommodates faculty members from the Foster School of Medicine, Hunt School of Nursing, Francis Graduate School of Biomedical Sciences, Hunt School of Dental Medicine, and clinical faculty members of affiliated institutions and community faculty. The IFDP XXIII is designed to help junior and mid-level faculty members understand the full range of academic responsibilities, enhance their teaching and assessment skills, develop scholarship skills, understand the steps of academic advancement, and establish a network of colleagues.

The goal of the all-encompassing program is to enable faculty to improve their teaching and evaluation abilities, remain proficient in their field of expertise, progress in their profession,

find fulfillment in their work, conduct research and academic projects, cultivate leadership skills, and participate in public service related to their discipline. The IFDP XXIII is divided into four essential areas (Teaching, Research, Professionalism, and Leadership Development). The Office of Faculty Development strives to promote the growth of both the participants in the IFDP and the general faculty body of Texas Tech Health El Paso by providing weekly synchronous teleconferences and a few in-person sessions, complemented with online modules delivered via the Canvas learning management system (LMS).



Upcoming Workshops

Artificial Intelligence (AI) in the Biomedical Sciences

In this workshop, the learner will explain artificial intelligence (AI) fundamentals and applications, develop AI-enhanced research skills, and evaluate the ethical implications of AI in scientific research.

12/18 | noon - 1:00 p.m. | [Webex](#)

QPR Certification and Suicide Prevention Training

In this workshop, the learner will be able to identify common causes of suicide behavior, recognize the warning signs of suicide, be able to have conversation about suicide confidently and be able to refer persons in distress to appropriate resources.

01/09 | noon - 1:00 p.m. | MEB 1150

Continuous Excellence: Integrating Quality Assurance and Performance Enhancement

In this workshop, the learner will be able to identify key components of an effective continuous improvement framework, analyze common quality indicators and performance metrics used in healthcare organizations, and develop strategies to integrate quality assurance processes with performance enhancement initiatives.

01/10 | noon - 1:00 p.m. | MEB 1130

Accessing Library Resources and Bibliometrics

In this workshop, the learner will be able to navigate the TTUHSC El Paso Libraries homepage and use Scopus and Clinical Key to access library resources remotely. Locate journal impact factors using Journal Citation Report (JCR) and assess article influence through h-index measurements.

01/14 | noon - 1:00 p.m. | [Webex](#)



FACULTY SPOTLIGHT

Associate Professor

Center of Emphasis in

Diabetes and Metabolism

Chair, IACUC

Munmun Chattopadhyay, M.Sc., Ph.D.

Hearts In Space

Microgravity is one of the most significant health risks for astronauts. During spaceflight and long-duration stays at the International Space Station, astronauts are always exposed to microgravity, which leads to muscle atrophy. One of the organs that is affected by microgravity is the heart, where there is a reduction in cardiac tissue mass that causes debilitating changes in heart function. Cardiac atrophy can also present itself in patients who have cancer and diabetes, as well as other diseases, including muscular dystrophies. Since cardiac atrophy is poorly understood, the current project seeks to improve the fundamental understanding of cell and tissue function during the progression of cardiac atrophy. The proposed research is an interdisciplinary and multi-institutional team with complementary expertise to study the effects of microgravity at the International Space Station (ISS) in hetero-cellular 2D and bio-printed 3D structures of heart cells to study the changes in

tissue function. Dr. Munmun Chattopadhyay, an associate professor at Molecular and Translational Medicine, TTUHSC El Paso, is a lead scientist in this study, and she is currently working on how a 'cardiac organoid' consisting of hetero-cellular 2D clusters of cardiac myocytes-fibroblasts-endothelial cells is affected by microgravity at ISS by comparing the hetero-cellular 2D clusters on earth. The team turned over the payload to NASA, and the SpaceX-31 Falcon 9 was successfully launched on Nov. 4th, and the cells reached the ISS lab on Nov. 5th. At present, in-orbit operations are underway. This study will continue for 21 days, and the cells will be brought back to Dr. Chattopadhyay's lab for further analysis. The knowledge gained from this study will support an improved understanding of how and why cardiac atrophy occurs, which may lead to improved treatment strategies that may facilitate the development of countermeasures to prevent the adverse effects of microgravity or other atrophy-inducing pathologies.

Dr. Chattopadhyay is a previous graduate of the Institutional Faculty Development Program IFDC XIII.

FACULTY SPOTLIGHT

Celebrating Excellence: Rebecca Campos Elected President-Elect



Rebecca Campos, M.D., F-AIHM, ABIHM

Join us in celebrating Dr. Rebecca Campos's election as President-Elect of the PLFSOM Women in Medicine and Science Organization (WIMS).

Dr. Campos is an Assistant Professor in the Department of Medical Education and a Clinical Assistant Professor in the Department of Family Medicine-Transmountain.

Dr. Campos is a previous graduate of the Institutional Faculty Development Program XI.

Faculty Tips Corner

My Manuscript is Ready: Now What?

"You have just written a manuscript and are asking yourself, "To what journal should I submit my paper?" While it is good practice to select your target journal before you start drafting your manuscript,¹ sometimes you may find yourself in a situation where you have completed an article and are unsure where to submit it. Or, your top choices may have rejected your paper, and you are at a loss as to what journal to select next.

While mentors are an excellent resource in this situation, another option is to use Jane, the Journal/Author Name Estimator. Jane is a useful free online tool. Authors can paste the title of their article and/or the article's abstract into a box found on the Jane website (<https://jane.biosemantics.org/index.php>). Jane will then compare your entry with millions of PubMed documents to find the ideal journal.

For example, if you submit the following title to Jane, Jane will return over twenty matches: An Unusual Presentation of Coccidioidomycosis in a 10-year-old Boy. The top three journals that Jane recommends are *Pediatric Dermatology*, *Cureus*, and *BMJ Case Reports*. Jane will inform the user if the journal is indexed by MEDLINE and/or if some or all of the articles published by that journal are deposited in PubMed Central® (PMC).² Entering the title "Artificial intelligence in graduate nursing education" returns multiple journal matches, with the top three being *Nurse Educator*, *Nurse Education in Practice*, and *Nurse Education Today*.

Jane accesses certain PubMed records published in the last ten years. For more information, including which articles are included in Jane, please visit Jane's Frequently Asked Questions webpage at <https://jane.biosemantics.org/faq.php>.

Cited references

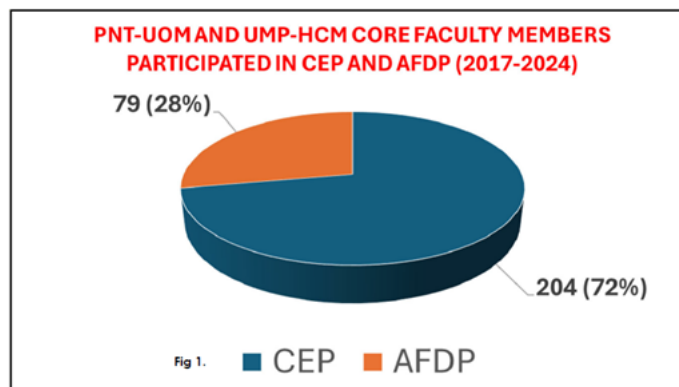
1. Taylor & Francis Author Services. Choosing a journal: ask the right questions, get the right result. Available at: <https://authorservices.taylorandfrancis.com/publishing-your-research/choosing-a-journal/>. Accessed October 15, 2024.
2. National Library of Medicine. PMC PubMed Central®. Available at: <https://www.ncbi.nlm.nih.gov/pmc/>. Accessed October 15, 2024.

Professional Development

The Story of An Eight-Year Long Journey

On October 27, 2024, we recognized the graduation of eighteen faculty participants of the third cohort of the Advanced Faculty Development Program (AFDP-3), and celebrated the completion of an eight-year-long journey of the Educational Collaboration between Texas Tech Health El Paso and two medical institutions in Vietnam: the University of Medicine and Pharmacy at Ho Chi Minh City (UMP-HCM) and the Pham Ngoc Thach University of Medicine (PNT-UOM).

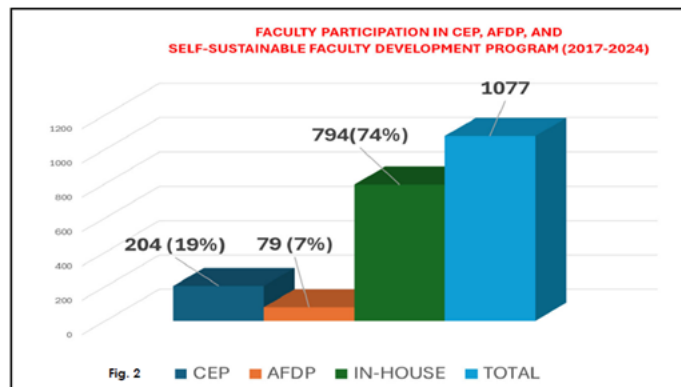
Receiving the strong support from President Richard Lange, Vice-president Manuel De La Rosa, Office of Faculty Development, and Training and Educational Center for Healthcare Simulation (TECHS) of Texas Tech Health El Paso, a 5-year Memorandum of Understanding (MOU #1) was signed in January 2017 to initiate the Collaborative Education Program (CEP) with UMP-HCM and PNT-UOM. Led by Hoi Ho, M.D., and Tuyen Kim Ho, Pharm.D., BCPS, the main objectives of the CEP were a) the establishment of a self-sustainable faculty development program to support the curriculum of Competency-Based Medical Education (CBME), and b) the creation of a standardized clinical simulation center at UMP-HCM and PNT-UOM. Despite the perturbation created by the pandemic COVID-19, the CEP was able to conduct four cohorts and complete several objectives by the end of 2021. (Figure 1)



Professional Development

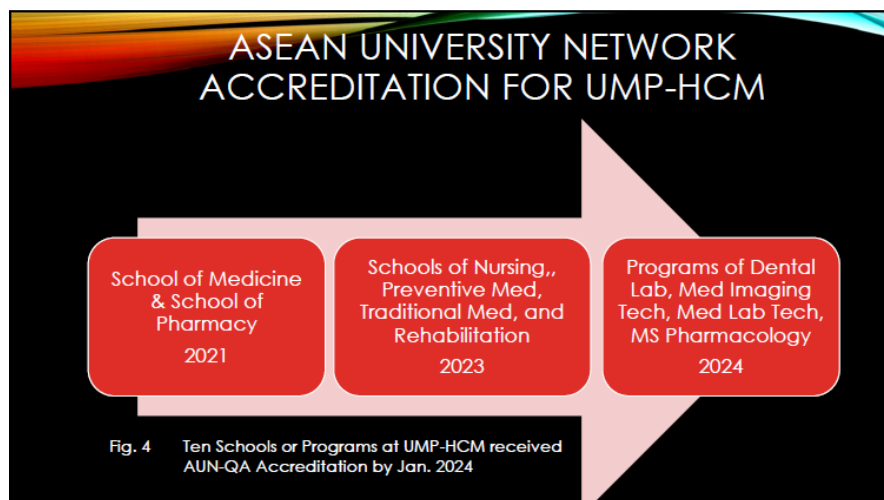
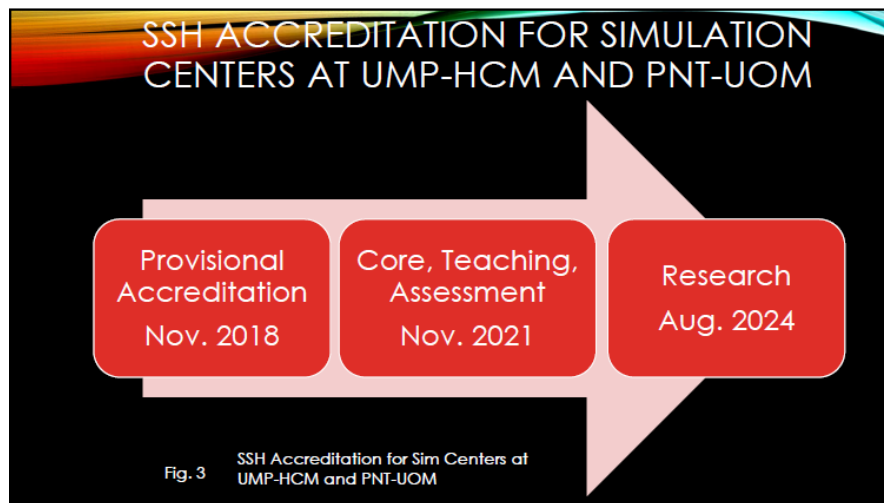
The Story of An Eight-Year Long Journey

Recognizing the importance of performance assessment in Outcome-Based Medical Education (OBME), UMP-HCM and PNT-UOM requested an extension of the educational collaboration. The Advanced Faculty Development Program (AFDP) started after signing a new 3-year Memorandum of Understanding (MOU #2) in January 2022. The AFDP's main objectives include a) the training of faculty members in conducting OBME, b) the application of standard setting and psychometrics in performance assessment, c) conducting research in clinical simulation, d) implementing simulation in the workplace, and e) preparation for international accreditations such as the World Federation for Medical Education (WFME) and the Asean University Network for Quality Assurance (AUN-QA). The AFDP was completed on October 27, 2024, with three cohorts and the accomplishment of many objectives (Figures 2, 3, and 4). The outcomes of MOU #1 and MOU #2 were not only limited to just these two institutions but also expanded to eighteen (18) other medical institutions in Vietnam and two countries: Cambodia and Laos (Figure 5). Because of the country-wide educational impact of the program, President Richard Lange signed MOU #3 to extend the collaboration to the next phase: the Comprehensive Performance Assessment Program (CPAP) to enhance further the performance assessment, train Subject Matter Experts, and prepare a pilot program for the national licensing examination.



Professional Development

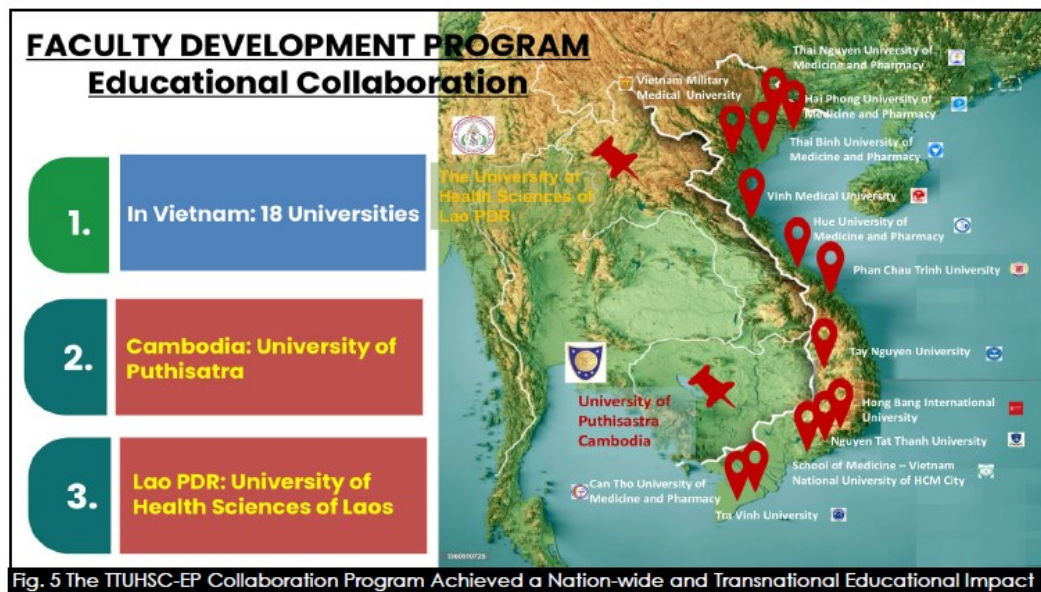
The Story of An Eight-Year Long Journey



Professional Development

The Story of An Eight-Year Long Journey

Acknowledgment: This Educational Collaboration program would not be possible without the unwavering support of President Richard Lange, Vice-president Manuel De La Rosa, Connie Rosales, and Marco Rodriguez of the Office of Faculty Development, Loretta Flores of the Office for Outreach and Community Engagement, and many faculty members and Staff of Texas Tech Health El Paso.



Professional Development

The Story of An Eight-Year Long Journey



Hoi Ho, M.D.
Clinical Professor of Medicine
Office of Faculty Development

Dr. Hoi Ho is a distinguished Clinical Professor of Medicine at Texas Tech Health El Paso.

Dr. Ho has held numerous prestigious positions throughout his career. From 1998 to 2002, he was a Professor of Medicine and Chief of the Division of Infectious Diseases at TTUHSC. He then served as Assistant Dean for Faculty Affairs and Development from 2002 to 2007 and later as Associate Dean for Faculty Affairs and Development until 2015. He was Director of the Center for Advanced Teaching and Assessment in Clinical Simulation Center (ATACS) from 2008 to 2015.

Professional Development

The Story of An Eight-Year Long Journey



Tuyen Kim Ho, Pharm.D., BCPS
Clinical Assistant Professor
Department of Internal Medicine

Tuyen Kim Ho, Pharm.D., joined the Texas Tech Health El Paso faculty in 2017 and was appointed Clinical Assistant Professor in the Department of Medicine. She is the co-director of the Educational Collaboration Program.

Dr. Ho received a Pharmacist degree from the Saigon Faculty of Pharmacy in 1977, recertified in the US as a Registered Pharmacist in 1991, and obtained a Pharm.D. degree from the University of Texas at Austin in 2002. She also obtained a Board Certified Pharmacotherapy Specialist (BCPS) in 2001.

Dr. Ho advanced her career from a Clinical Pharmacist to a Clinical Coordinator at Del Sol Medical Center, then became the Chief of Pharmacy Services at El Paso VA Healthcare System (2010-2016) and successfully initiated the Pharmacy Clinical services for the VA, overseeing several specialists in Telehealth, Polypharmacy, Chronic Disease Management, Smoking Cessation and Anticoagulation Clinics.

She received several awards, including the Outstanding Care Giver Award (1997 by Columbia Healthcare System- El Paso), Clinical Pharmacist of the Year Award (2000 by El Paso Area Health System Pharmacist), Outstanding Customer Service Award (2001 by El Paso- VA Health Care System), Appreciation for Pharmacy Telehealth Pilot Program (2014 by the Department of Veterans Affairs Washington DC).

As co-director of the Educational Collaboration program, Kim has taught and trained Vietnamese faculty members in many areas, including medical errors, telehealth, interprofessional education and collaborative practice (IPE-CP), faculty mentoring, and leadership development.

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Do you have a professional development tip that you would like to share with your colleagues? If so, send it to us, and we will feature it in the Office of Faculty Development newsletter. Email your tip(s) to

ElPasoFacultyDevelopment@ttuhsc.edu

with the subject line Faculty Tips.