



Texas A&M Irma Lerma Rangel College of Pharmacy Report to the Texas Pharmacy Congress: February 15-16, 2017

COLLEGE NEWS

NIPTE Membership

The National Institute for Pharmaceutical Technology and Education (NIPTE) Board met in Austin last week and conferred official membership by the Texas A&M Irma Lerma Rangel College of Pharmacy. NIPTE, Inc. is a not-for-profit organization of sixteen organizations dedicated to fundamental research and education in pharmaceutical product development and manufacturing. The goal of NIPTE is to increase science and engineering-based understanding of this area such that novel state-of-the-art technologies can be developed and science-based regulations can be implemented.

Memorandum of Agreement with Texas A&M International University

The Texas A&M Irma Lerma Rangel College of Pharmacy entered into a memorandum of agreement with the Texas A&M International University (TAMIU) in Laredo on Tuesday, December 13. The cooperative memorandum of agreement between TAMIU and the Texas A&M Irma Lerma Rangel College of Pharmacy is for a 3+3+1 program. Per the agreement, students would apply to TAMIU and complete their pre-pharmacy curriculum over three years then apply for admission to the Rangel College of Pharmacy and attend for three years before returning to Laredo during their fourth year for APPEs.



Intern Recruitment Fair 2017

Texas A&M Rangel College of Pharmacy hosted its **Spring Intern Recruitment Fair on February 2 in College Station campus and February 7 & 8 in Kingsville campus**, consisting of student interviews for **P1 & P2 students interested in summer internships** were interviewed. Participating pharmacies included Brookshire Brothers, CVS Health, H-E-B, Kroger, Walgreens, and Wal-Mart. Over 300 interviews were conducted and over 100 students participated in the fair.

Preceptor's quick response helps save life

Amy Geurin, a registered pharmacist and Market Health and Wellness Director at the Wal-mart in Portland, Texas, and a preceptor for the Texas A&M Rangel College of Pharmacy, administered CPR to a man not breathing. Read more on this story as it was published in the *Corpus Christi Caller-Times*: <http://callertim.es/2hqJG8C>.

Renovations and Upgrades to Classrooms

Projectors and screens were updated to video walls in each classroom after undergoing an upgrade and redesign of the videoconferencing system. The student organization room was also upgraded to include an installation of videoconference equipment to accommodate and facilitate student meetings between campuses.



STUDENT NEWS

National Student Award

The **Gamma Omega Chapter of the Texas A&M Rangel College of Pharmacy Rho Chi Society** has been selected as a finalist for the national **Rho Chi Chapter Achievement Award** for 2016-17. This is the highest and most coveted national honor for a student chapter of Rho Chi, which recognizes the full scope of the chapter's activities on a national stage. They will be recognized at the Rho Chi Society Annual Meeting on Sunday, March 26, 2017, in San Francisco, California, which is held in conjunction with the American Pharmacists Association (APhA) Annual Meeting. This is the third major accomplishment for this young organization, which has been in existence for merely 8 years. The Gamma Omega Chapter previously received the **Most Improved Chapter Award** in 2013-2014 and was named a regional finalist for the **Chapter Achievement Award** for Region VI in 2014-2015.

Clinical Skills Competition

P4 students, **Kathryn Garcia** and **Matthew Untermeyer**, represented the college at the National Clinical Skills competition at the 2016 ASHP Midyear Clinical Meeting (MCM) in Las Vegas, Nevada, on December 3-7. P4 students, **Shannon White**, **Whitney Strong**, **Monica Pham**, and **Sasha Cruz**, also had poster presentations. A total of thirty P3 and P4 students participated in the ASHP MCM this year.

Third Annual Pharmacy Student Council Leadership Retreat

Dean Reddy hosted the third annual Pharmacy Student Council Leadership Retreat on Saturday, January 28, 2017, at the Memorial Student Center in College Station. Five outside speakers were invited to present topics including leadership strengths, conflict management, and diversity. Speakers included: Ms. Carole Hardin-Oliver, Pharmacy Health Care Supervisor, Walgreens, Houston, and Past President of Texas Pharmacy Association; Dr. Daniel J. Pugh, Sr., Vice President for Student Affairs, Texas A&M University; Ms. Christine L. Kaunas, Director for Faculty Excellence and Diversity, Texas A&M Health Science Center; Dr. Victoria Roche, Professor and Sr. Associate Dean, School of Pharmacy & Health Professions, Creighton University; and Ms. Cynthia Olvera, Assistant Director of Student Activities, Texas A&M University.



FACULTY NEWS

A collaboration between the Accreditation Council for Pharmacy Education (ACPE) and the American Association of Pharmacy Colleges (AAPC) has led to offer a workshop titled "**Best Practices for Planning Educational Assessment and Curriculum Mapping**" led by the pharmacy educators, **Dr. Fadi Alkhateeb (USA)** and Dr. Linda S. Garavalia (USA), which will be held on **Al Ain University of Science and Technology – Abu Dhabi Campus**, United Arab Emirates, on **Sunday, March 5 and Monday, March 6, 2017**. This program is designed to help teams of 3 to 5 pharmacy faculty members and administrators from a university work together to evaluate their assessment practices. Expert faculty will lead participants through curricular assessment, deciding upon the assessments methods and how to collect and effectively use assessment data to improve educational programs.

Professional Appointments

Zack Abd Elmageed, Ph.D. appointed as a member of the Journal of *Scientific Reports* (Nature Publishing Group).

Indra K. Reddy, Ph.D. has been appointed to serve on the Kingsville Greater Economic Development Council for 2017.

Indra K. Reddy, Ph.D. will be serving as Chair of the Texas A&M University Subcommittee on Diversity and as a Dean member on the Visioning for 2030 Committee, which is tasked to guide the vision for Texas A&M for the next ten-to-fifteen years.

Lin Zhu, Ph.D. has been selected as a Member of Editorial Boards, Clinical Pharmacology and Translational Medicine.

Presentations

McNicol, M, **Hutchison R**, LePoire M (2016) Pharmacist Empathy in Smoking Cessation counseling, ASHP. Dec. 7, 2016.

Yao Q, Hobbs C, **Zhu L**, Efficient co-delivery of paclitaxel and curcumin by novel bottlebrush copolymer-based micelles, *AAPS Annual*, Denver, CO, Nov 13-17, 2016

Yao Q, Dai Z, **Zhu L**, Development of an MMP2-sensitive folate receptor-targeted polymeric micelle for tumor-targeted drug delivery and cancer sensitization, *AAPS Annual*, Denver, CO, Nov 13-17, 2016

Publications

Gabay M, Smith JA, **Chavez ML**, Goldwire M, Walker S, Coon SA, Gosser R, Hume AL, Musselman M, Phillips J, Abe AM. White Paper on Natural Products. *Pharmacotherapy*. 2016 Dec 9. doi: 10.1002/phar.1874. [Epub ahead of print]

Ali H; Abdel-Hameed R, Effat H, Ahmed e, Atef A, Sharawi S, Ali M, **Abd Elmageed ZY**, Abdel Wahab A. Circulating microRNAs panel as a potential non-invasive diagnostic biomarker for HCV-associated hepatocellular carcinoma. *Molecular and Cellular Biochemistry*. *Submitted in 2017*.

Hamdy Ali, Pei-Yau Lung, Jonathan Silberstein, Jinfeng Zhang, **Zakaria Abd Elmageed**. Transcriptome-wide profiling identifies multiple differential genes associated with health disparity of prostate cancer. Poster presentation in the American Association of Cancer Research (AACR). Washington DC, April 1-4, 2017.

Hutchison, R (2016). Multi-modal Strategies with Gabapentin/Pregabalin-If, When, and How Much?. Perioperative Care PRN and Pain and Palliative Care PRN Focus Session—Clinical Pearls: Best Practices in Perioperative Multimodal Pain Management, ACCP Annual Meeting. October 12, 2016.

Kim, Dongin, (2017). Novel approach for the detection of intraperitoneal micrometastasis using an ovarian cancer mouse model, *Scientific Reports 2017, January*

Kim, Dongin (2017). Image-guided nanomedicine for cancer, *Journal of Pharmaceutical Investigation*, 2017, 47(1), 51-64

Kim, Dongin, Title: “Artificial antigen-presenting cells for immunotherapies” in *Cancer Nanotechnology* (Springer New York)

David CM, O'Neal KS, **Miller MJ**, Johnson JL, Lloyd AE. A literacy-sensitive approach to improving antibiotic understanding in a community-based setting. *Int J Pharm Pract*. 2017 (Early View Online). doi:10.1111/ijpp.12332.

Bulkley CF, **Miller MJ**, Draugalis JR. Developing and improving residency research training. Am J Health-Syst Pharm. 2017; 74:152-61.

Ziyaur Rahman, Ahmed A. Zidan, Max Korang-Yeboah, Yang Yang, Aktar Siddiqui, Dia Shakleya, **Mansoor A. Khan**, Celia Cruz, Muhammad Ashraf. Effects of excipients and curing process on the abuse deterrent properties of directly compressed tablets. Int J Pharm. 2017 Jan 30;517(1-2):303-311

Gill AC, West C, **Watzak B**, Quiram B, Pillow T, Graham L. *Twelve Tips for Curriculum Sharing and Implementation: Don't Reinvent the Wheel.* MedEd Publish. December, 2016. DOI <http://dx.doi.org/10.15694/mep.2016.000149>

Zhang J, Choudhury M. The plasticizer BBP selectively inhibits epigenetic regulator sirtuin during differentiation of C3H10T1/2 stem cell line. Toxicol In Vitro. 2017;39:75-83. doi: 10.1016/j.tiv.2016.11.016. PubMed PMID: 27923775.

Peer reviewed journals:

Velez SM, **Hernández-Muñoz JJ**, Davis SM, Almodovar MG, Mercado JR. NSAIDs Prescription Prevalence after a Cardiovascular Event Related Hospitalization in Medicaid Beneficiaries from Puerto Rico. PRHSJ 2016;35:209-14.

Figueroa D, **Hernández-Muñoz JJ**, García-Albarrán A, García-Rodríguez E, Méndez-Hernández G, Vélez SM. Concurrent Prescribing of ACEIs and ARBs among Beneficiaries of a Government Sponsored Health Care Plan. PRHSJ 2017; 36: 178-83.

Non peer-reviewed journals:

Estrada-Rodríguez V, **Hernández-Muñoz JJ.** Biosimilars: Are We Prepared for this New Era? PR Pharmacist Association Journal. November 2016-January 2017, 75(4): 14-18.

GRANTS

Drs. Mansoor Khan and Ziyaur Rahman - AUF funds in the amount of \$200,000

Zack Abd Elmageed, Ph.D., NIH/NCI grant: Award# 5R21CA194750-02) entitled ""The Role of exRNAs in Health Disparity of Prostate Cancer". PI (Abd Elmageed, ZY). Second year fund: \$144,853

NEW HIRES

Faculty

Daniela Bazan, Pharm.D., has joined the Texas A&M Rangel College of Pharmacy as a Clinical Assistant Professor of Pharmacy Practice in pharmacy practice. She is a co-funded faculty with the College and Doctors Hospital at Renaissance (DHR). Her practice site is at DHR in Edinburg, Texas. Dr. Daniela Bazan received a Doctor of Pharmacy degree from the University of Texas at Austin/the University of Texas-Pan American Cooperative Pharmacy Program.

Staff

Daniel Freeman, BFA, Digital Media Specialist, Kingsville

Steve Leggio, BFA, Instructional Technology Specialist, College Station