

**TEXAS A&M IRMA LERMA RANGEL COLLEGE OF PHARMACY
REPORT TO THE TEXAS PHARMACY CONGRESS: FEBRUARY 21, 2018**

COLLEGE NEWS

NIPTE Semiannual Board Meeting in Corpus Christi, Texas



Dean Indra K. Reddy, Ph.D. hosted the National Institute for Pharmaceutical Technology and Education (NIPTE) Board meeting during January 25-26 at the Omni Corpus Christi Hotel. The meeting was chaired by Dr. Don Letendre, Professor and Dean of The University of Iowa College of Pharmacy (photo at left). NIPTE was recently awarded a Manufacturing Sector Research Initiative grant of \$35 M from the FDA over a five-year period.

4th Annual Pharmacy Student Council Leadership Retreat in Kingsville, Texas

Dean Reddy and Dr. Amanda Galindo hosted the fourth annual **Pharmacy Student Council Leadership Retreat** on Saturday, February 3 at

the Caesar Kleberg Wildlife Research Institute in Kingsville (photo at right). Three external speakers were invited to present. The retreat topics included Situational Leadership, Essentials of Leadership, Emotional Intelligence and Stress Management.



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; and Dr. Heather Petrelli, inaugural Associate Dean for Student Affairs and Assessment at the University of South Florida.

Intern Recruitment Fair 2018 in College Station and Kingsville, Texas

Texas A&M Rangel College of Pharmacy hosted its **Spring Intern Recruitment Fair on February 7 for its College Station** campus and **on February 12 & 13 for its Kingsville campus**. Interviews for P1 & P2 students interested in summer internships were conducted by representatives from participating pharmacies who included Brookshire Bros, CVS Health, H-E-B, Kroger, and Walgreens. More than 250 interviews were conducted over two days with 80 students participating in the fair.

Rangel College of Pharmacy Student Named Distinguished Graduate

In December 2017, **Melody A. Cruz (P4)**, received her Master of Business Administration from Texas A&M University-Kingsville (TAMUK). She was selected as the Distinguished Graduate for the winter commencement. It is the highest honor TAMUK can bestow upon an individual – only one graduating student from the College of Graduate Studies (comprising all graduating masters and doctoral candidates) can receive the distinction (photo at right).



Visit by Senator Leticia Van de Putte on the College Station Campus



Former Texas Senator Leticia Van de Putte (D–San Antonio) delivered a lecture to the P1, P2, and P3 students during Dean’s Hour on Thursday, February 15, entitled “Experiences of a Pharmacist in the Texas Legislature” (photo at left). Sen. Van de Putte also toured the College Station campus.

A practicing pharmacist since 1980, Sen. Van de Putte served in the Texas Legislature for over 20 years as a representative of San Antonio and Bexar County, Texas Senate District 26. Sen. Van de Putte was unanimously elected to serve as President Pro Tempore of the Texas Senate’s 83rd Regular Session in 2013.

10th Annual Disaster Day Interprofessional Education Event

Disaster Day, a daylong mock disaster to prepare for unforeseen events that require quick and efficient health care without access to the sufficient medical facilities or supplies, is the nation’s largest student-led, interprofessional emergency management simulation. More than 650 students from Texas A&M University colleges and schools, including nursing, medicine, pharmacy, public health and veterinary medicine, responded to a train derailment, engaging in triage at the disaster scene, patient care in a mock field hospital, and disaster management at the Brayton Fire Training Field in College Station on Friday, February 16. Over 150 participants represented the Irma Lerma Rangel College of Pharmacy at the 10th annual event (photo below).



Fifth Annual Ties & Tennis Shoes Memorial Fun Run



Plans and preparations are in full swing for the fifth annual Ties & Tennis Shoes Memorial Fun Run benefitting the Dr. James Robertson Jr. Make a Difference Scholarship. The run will be held on the Kingsville campus on Friday, February 23. Our students continue to lead the charge in leaving a legacy through making a difference in the lives of those around them. Community members are invited to register for this family-friendly event:

[https://www.active.com/kingsville-tx/running/distance-running-](https://www.active.com/kingsville-tx/running/distance-running-races/dr-james-robertson-jr-ties-and-tennis-shoes-memorial-fun-run-2018)

[races/dr-james-robertson-jr-ties-and-tennis-shoes-memorial-fun-run-2018](https://www.active.com/kingsville-tx/running/distance-running-races/dr-james-robertson-jr-ties-and-tennis-shoes-memorial-fun-run-2018)

AMCP Student Pharmacist Finalist

Academy of Managed Care Pharmacy (AMCP) Chapter President **Anh Thu Tran (P3)** has been selected as a finalist to participate in the AMCP APPE Experiential Program in Association & Leadership Management January 2019 at the AMCP headquarters in Alexandria, VA (photo at right).



The chapter also hosted its local P&T competition on February 6 facilitated by five judges: Thomas Nguyen, PharmD, MBA with Navitus; Penny Surratt, RN, MBA with ReCept Healthcare Services; George Udeani, PharmD, FCCP with Corpus Christi Medical Center; Steven Zona, PharmD, MBA with Janssen Scientific Affairs, LLC; and pharmacy faculty member **Lixian Zhong, PhD**. The presenting team members were **Kevin Chan (P2)**, **Stacie Sanpedro (P3)**, **Julio Rodriguez II (P1)** and **Roland Sanchez (P1)** (photo at left).

NEW STAFF

Raktima Bhattacharya, Postdoctoral Research Associate, Pharmaceutical Sciences Department, College Station

John Cohan, End User Support Specialist, Office of Information Technology, Kingsville

Adriana Herrera, Program Assistant, Office of Experiential Education, Kingsville

Lindsey Edrington, Administrative Associate IV, Office of the Dean, College Station

PROFESSIONAL APPOINTMENTS

Ayman K. Hamouda, PhD has been elected to Councilor position (2017-2020): the committee of the Texas A&M University Chapter of the Society for Neuroscience. **Dr. Hamouda** was also a member of the organizing committee and Judge in the 2017 Texas A&M University Institute of Neuroscience Poster Session and Vendor Show in College Station, TX.

Michael J. Miller, RPh, DrPH, FAPhA was appointed as a Faculty Affiliate in the Texas A&M School of Public Health Center for Population Health and Aging (12/09/2017 – 8/31/2019).

Bree Watzak PharmD has been appointed as Faculty Affiliate of the Texas A&M Center for Population Health and Aging (CPHA) as well as the HSC Opioid Task Force which is under the HSC Strategic Priorities Initiatives Unit.

AWARDS AND HONORS

Alonzo, Joy was awarded a \$5000.00 scholarship by the Episcopal Health Foundation to attend training provided by the Mental Health First Aid Organization to attain certification as a Mental Health First Aid Youth & Adult Trainer. She will be one of the first certified trainers for this program in the Brazos Valley.

Michael J. Miller, RPh, DrPH and Elaine Demps, PhD have graduated from the Texas A&M University Leadership Institute (11/2017).

POSTER PRESENTATIONS

Boa Choi & Lois Kim presented a poster at the 2017 ASHP Midyear Clinical Meeting by our SSHP Chapter received the Outstanding Professional Development Project Award. Poster title “Midyear reimbursement through utilization of membership point tier system”.

Abisola Tairu presented a poster at the 2017 ASHP Midyear Clinical Meeting. Poster title: Interaction of the Positive Allosteric Modulator LY2087101 with $\alpha 4\beta 2$ Nicotinic Acetylcholine Receptor.

PRESENTATIONS

Alonzo, Joy, January 27, delivered a presentation “Opioid Epidemic Community Harm Reduction Strategies” to the Brothers of St. Andrews of East Texas.

Alonzo, Joy, February 10, delivered a presentation “Medication Assisted Treatment for Opioid Use Disorder & Harm Reduction” at the Coastal Bend Health Education Center, Opioid and Pain Management Conference, Education Service Center Region 2, Corpus Christi, Texas.

Castro, Juan, participated via Tele video in a panel discussion in San Antonio on The Opioid Epidemic, a program sponsored by Healthy South Texas.

Farah Deba, Matthew K Vannoy, **Steven L. Peterson**, and **Ayman K. Hamouda**. Examining the Antinociceptive Effects of Desformylflustrabromine in Rat Model of Acute Pain. Society for Neuroscience annual meeting. Washington D.C.

Farah Deba, Asti Jackson, Deniz Bagdas, Matthew Vannoy, **Peterson Steven**, Imad Damaj, **Ayman K. Hamouda**. Animal Studies with Desformylflustrabromine, A Naturally Occurring Nicotinic Acetylcholine Receptor Positive Allosteric Modulator. Texas A&M University Institute of Neuroscience Poster Session and Vendor Show. College Station, Texas.

Joseph, Merlyn November 2017, delivered a presentation “Opioid Drug Abuse” – I-ADAPT Prescription Drug Symposium at Texas A&M University Corpus Christi. Audience included community representatives.

Joseph, Merlyn, February 2018, delivered a presentation, “Mixing Drugs and Driving – a focus on opioids” at the 2018 Texas Statewide Impaired Driving Forum. Diverse audience included: advocacy and prevention organizations, law enforcement, prosecution, judicial, probation, screening and treatment, public health, media, and federal, state, and local traffic safety professionals. (photo at right)



Kemburli Munoz, **Farah Deba**, **Abisola Tairu**, and **Ayman K. Hamouda**. Agonist-Specific Pharmacological Effects of CMPI and NS9283 at (Alpha4)3(Beta2)2 Neuronal Nicotinic Acetylcholine Receptors. The 62nd annual meeting of the Biophysical Society, San Francisco, California.

Hamouda, Ayman K. was an invited speaker: **Opioid and Pain Management Conference**, Texas A&M Coastal Bend Health Education Center. Corpus Christi, Texas.

Kim, Dongin was invited to speak at the Department of Medical Physiology seminar, College of Medicine, Texas A&M Health Science Center, November 1, 2017.

Le G, Luce Andrea M. Retrospective quality assurance of vancomycin troughs in the intensive care unit. Presented at the ASHP Midyear Clinical Meeting, Orlando, Florida, December 2017.

Luce, Andrea M. was invited to present for the Houston Heights Woman’s Association, “Building a Healthier Heights” and it primarily addressed this influenza season and encouraged everyone to get vaccinated (photo at right).



Watzak, Bree, Steele R. Teamwork and communication working within the behavioral health system. Podium presentation at Texas Council ED Consortium in Austin, TX on January 18, 2018.

Watzak, Bree KSTAR Physician Grand Rounds: Naloxone for home use. What role does naloxone have in the opioid epidemic? webinar given on December 4, 2017.

PUBLICATIONS

Book Chapters

Holder, E. Paul, Chapter H. Compounding Laws and Rules in Texas and Federal Pharmacy and Drug Law. Fred S. Brinkley, Jr. and Gary G. Cacciatore. Pharmacy Regulatory Advisors, 2018. (Peer-Reviewed)

Rahman Z, Charoo NA, Akhter S, Beg S, **Reddy IK, Khan MA (2018)**. Regulatory aspects and policies related to development, evaluation and control of nanopharmaceuticals. In: Nanoscale Fabrication, Optimization, Scale-up and Biological Aspects of Pharmaceutical Nanotechnology, edited by Alex Grumezescu, Elsevier Publisher. ISBN: 9780128136294.

Rahman Z, Dharani S, Charoo NA, **Nutan MT**, **Khan MA** (2017). Abuse deterrent formulations for reducing misuse and abuse of prescription opioids. In Drug abuse: Addiction and Recovery Edited by Guilherme E, Pinto IC, Tomás CC, Roque F, Vaswani M, Nagy N, Maviglia M. Open Access eBook. ISBN: 978-81-935757-9-6.

Journal Articles

Alonzo, Joy “After New Study, How Should You Treat Opioid Use Disorder?” The Carlat Report on Psychiatry, Addiction Treatment, Carlat Publishing 1/2018.

Bowman, John, “Sports Drinks Are Not Solutions For Illness-Related Dehydration”, Texas A&M pharmacy professor offers a better plan for rehydrating during flu season in the Vital Record news from Texas A&M University Health Science Center. <https://vitalrecord.tamhsc.edu/sports-drinks-not-solutions-illness-related-dehydration/>.

Farah Deba, Hamed Ali, Abisola Tairu, Kara Ramos, Jihad Ali, Ayman K. Hamouda (2018). LY2087101 and dFBr share transmembrane binding sites in the $(\alpha 4)\beta 2$ Nicotinic Acetylcholine Receptor. *Nature Scientific Reports* 8(1):1249.

Ali HEA, Gad S, Deep G, **Ali HI, Abd Elmageed ZY**. Molecular insights into the role of exosomes in health disparity of prostate cancer. *Cancer Health Disparities*. 2017. 1: e1-113 DOI: 10.9777/chd.2017.10002

Abd Elmageed ZY, Moore RF, Tsumagari K, Lee MM, Sholl AB, Friedlander P, Al-Qurayshi Z, Hassan M, Wang AR, Boulares HA, Kandil E. Prognostic Role of BRAFV600E Cellular Localization in Melanoma. *J Am Coll Surg*. 2018 Jan 21. pii: S1072-7515(18)30021-8. doi: 10.1016/j.jamcollsurg.2017.12.040. [Epub ahead of print] PMID: 29369798

Panigrahi JK, Ramteke A, Birks D, Ali HEA, Venkataraman S, Agarwal C, Vibhakar R, Miller D, Agarwal R, **Abd Elmageed ZY**, Deep G. Exosomal microRNA profiling under hypoxia in prostate cancer cells. 2018. *Oncotargets*. *In press*.

Grayson, Stephen, Castro, Juan, Vo, Khoi, Wong, Andy, “The Opioid Epidemic In Our Backyard”, Texas A&M Health Science Center experts assess the situation and offer national policy prescriptions in the Vital Record news from Texas A&M University Health Science Center. <https://vitalrecord.tamhsc.edu/opioid-epidemic-backyard/>.

Holder, E. Paul, Texas Pharmacy Law: Texas State Board of Pharmacy 2017 Update, Continuing Education Course, Western Schools Publishing, 2018. (Peer-Reviewed)

Jung Seok Lee, Patrick Han, Eric Song, **Dongin Kim**, Hongshin Lee, Michael Labowsky, Jouni Taavitsainen, Seppo Yla-Herttuala, Jarkko Hytönen, Manfred Gulcher, Kumar Perampaladas, Albert Sinusas, John Martin, Anthony Mathur, Tarek Fahmy, Magnetically Coated Bioabsorbable Stents for Renormalization of Arterial Vessel Walls after Stent Implantation, *Nano Letters*, 2018, 18 (1), pp 272-281.

Nigo M, **Luce AM**, Arias CA. Long term use of tedizolid as suppressive therapy for recurrent methicillin-resistant Staphylococcus aureus graft infection. *Clin Infect Dis*. 2018 Jan 23 [epub ahead

of print] <https://academic.oup.com/cid/advance-article/doi/10.1093/cid/ciy041/4819116?questAccessKey=ab41da79-7bdb-4463-b0a8-29f64da5463f>

Bulkley CF, **Miller MJ**, Bush CG, Nussbaum BB, Draugalis JR. Needs assessment for developing a program to help train advanced-practice pharmacists for research. *American Journal of Health-System Pharmacy*. 2017;74(23):1986-1995.

Jou T, Wang L, **Miller MJ**. Important Considerations When Selecting, Applying, and Interpreting Readability Formulas. *J Am Pharm Assoc*. 2017;57(5):635-636. DOI: 10.1016/j.japh.2017.06.003.

Patel PH and Dickerson KW. Impact of the Implementation of Project Re-Engineered Discharge for Heart Failure patients at a Veterans Affairs Hospital at the Central Arkansas Veterans Healthcare System. *Hospital Pharmacy*. 12/28/2017. doi: 10.1177/0018578717749925.

Dharani S, **Rahman Z**, Ali SBF, Afrooz H, **Khan MA (2018)**. Quantitative estimation of phenytoin sodium disproportionation in the formulations using vibration spectroscopies and multivariate methodologies. *International Journal of Pharmaceutics* 2018;539 (1-2);75-74.

Rahman Z, Akhtar S, Siddiqui A, Ciavarella A, Nguyenpho A, Faustino PJ, **Khan MA**. A headspace-gas chromatography method for isopropanol determination in warfarin sodium products as a measure of drug crystallinity. *Acta Pharm*. 2018;68:31-46.

GRANTS

Elmageed, Zakaria, PhD, The Discovery Foundation (PI: Abd Elmageed ZY). Titled: New Insights into the role of Transmembrane and Tetratricopeptide Repeat Containing protein as a potential marker and therapeutic target in breast cancer. Period of performance: 02/01/2018 – 01/31/2019 Annual direct costs: \$36,000

Khan, Mansoor A., PhD titled: Pharmaceutical Quality Scorecard Development Fund, Funding: \$109,017/year for five year period, Funding Agency-Food and Drug Administration.

Rahman, Ziyaur, PhD titled: Methods for Evaluation of Abuse Deterrence *via* Smoking and Vaping Funding: \$43,000/Year for two year period. Funding Agency – Food and Drug Administration.

Rahman, Ziyaur, PhD., titled: Evaluation of Novel Polymers and Manufacturing Processes for Abuse Deterrent Dosage Forms, Funding: \$50,000/Year for two year period Funding Agency, Funding Agency – Food and Drug Administration.