



Texas A&M Rangel College of Pharmacy Report to the Texas Pharmacy Congress, Nov. 12

IN MEMORIAM

First-year professional student, **Meera Thomas**, passed away on Oct. 23 in Lee County, Texas. A student on the College Station Campus, Meera was from Carrollton, Texas. She is survived by parents and her younger sister; she was 20 years old. Students, faculty and staff have rallied together to demonstrate their support for Meera's friends and family and to remember her through sharing memories during candlelight vigils and memorial services. As part of Aggie Tradition, Meera will be honored during Silver Taps on the evening of Dec. 1 in College Station.

COLLEGE NEWS

Dean Reddy shares state of the college address

Indra K. Reddy, Ph.D., professor and founding dean of the Texas A&M Rangel College of Pharmacy, presented the annual State of the College Address on September 10. In his address, the dean highlighted the Class of 2019, Class of 2015 graduation, Class of 2015, faculty research & scholarship, college awards, challenges and opportunities.

Class of 2018 don white coats

The White Coat Ceremony for the campuses of Kingsville and College Station were Sept. 12 and Sept. 26, respectfully. Each member of the Class of 2018 donned their white coat, a symbol of clinical service and patient care, and pledged a personal commitment to work to ensure the welfare of individual patients and the welfare of the South Texas and College Station communities.

Fall Career Expo

The College held its Fall Career Expo on October 14-15, 2015, a two day event consisting of student interviews for fourth-year students to directly interact with corporate sponsors for possible post-graduation employment opportunities. This year, 57 fourth-year pharmacy students (73%) were interviewed with an average of four interviews per student. Corporate sponsors for the event included CVS Health, H-E-B, Kroger Southwest, Walgreens and Wal-Mart.

ESC Gear Up Ties Event

The Texas A&M Rangel College of Pharmacy hosted the Region One ESC GEAR UP TIES event in which more than 120 high school student from the Rio Grande Valley attended. Former GEAR UP students, second-year professional student pharmacist **Sergio Garcia** and third year professional student pharmacist **Oziel Martinez** spoke about the pharmacy profession.

Texas A&M's "Healthy South Texas" Initiative

The Texas A&M Rangel College of Pharmacy and Texas A&M AgriLife Extension Service combined their expertise to launch the "Healthy Texas Initiative" to reduce preventable diseases and their consequences throughout the region. It is a statewide reach to promote preventative health at the

most local level of the community, which will improve the well-being of South Texans for generations to come.

TAMU President Michael K. Young visits the Rangel College of Pharmacy

Michael K. Young, president of Texas A&M University, Dr. Karan Watson, Provost and Executive Vice President, Dr. Glen Laine, Regents Professor and Vice President for Research, and Dr. Blanca Lupiani, Professor and Associate Dean of Faculties, visited with the college's executive committee, faculty, staff and the Pharmacy Student Council and hosted a question and answer session.

Preceptor Conference

The Texas A&M Rangel College of Pharmacy's held an Preceptor Training Conference on October 22, a 3 Hour Continuing Education, Accreditation Council for Pharmacy Education (ACPE) accredited program to alert the preceptors to the experiential changes in the ACPE 2016 Standards. **Gary Frech**, R.Ph., M.S., M.B.A., assistant Dean for experiential education, provided teaching methods to include lecture and PowerPoint, discussion topics, and questions and answer sessions. Approximately 131 pharmacists, health professionals and faculty attended the conference at seven different remote locations.

ACPE Site Visit

The Accreditation Council for Pharmacy Education (ACPE) completed a comprehensive onsite evaluation of the Kingsville and College Station campuses of the Texas A&M Rangel College of Pharmacy for reaffirmation of its accreditation and validation of its self-study on November 3 to 6, 2015. The Site Team exit report indicated the College is in compliance with all 30 accreditation Standards.

FACULTY NEWS

Dr. Andrea Luce selected for teaching award

Andrea Luce, Pharm.D., assistant professor of pharmacy practice, received The Association of Former Students Distinguished Achievement Award for College-Level Teaching on Sept. 4 from **Indra K. Reddy**, Ph.D., professor and founding dean, for her contributions to educating professional student pharmacists. Dr. Luce goes above and beyond teaching commitments, maintains high expectations and teaches at a demanding level while instilling a sense of duty, respect and responsibility for the pharmacy profession.

Faculty member joins "Partners in E" project

Charles Douglas, Ph.D., MBA, assistant professor of pharmaceutical sciences was invited to join a team of 14 experts, "Partners in E," from around the country who developed a pre-recorded course to teach pharmacy students and healthcare professionals on how to use healthcare Informatics. The University of California, San Francisco College of Pharmacy along with the Healthcare Information and Management Systems Society coordinated the project. Dr. Douglas said "This educational program has been adopted by over 70 universities and 32 healthcare centers across the nation. Over 10,000 students have taken the course."

STUDENT NEWS

College Station Campus students give influenza vaccines at Texas A&M

Two Texas A&M Rangel College of Pharmacy second-year professional student pharmacists on the College Station Campus **Loreli Ramsey** and **Payam Etebari** gave influenza vaccines at the Texas

A&M Health Science Center on October 16 as part of their intern rotation at Walgreen's #6145, Bryan, Texas.

Pharmacy students participate in Health Fair

Five Texas A&M Rangel College of Pharmacy professional pharmacist students on the College Station campus **Meera Thomas, Steven Nim, Janice Joseph, Chi Do and Hang Tuong**, participated in a Health Fair held at Brookshire Brothers in Huntsville, TX on October 17th. The students provided blood pressure and blood glucose screenings. **Debra Wood, R.Ph.**, experiential education coordinator at the Texas A&M Rangel College of Pharmacy supervised.

Rho Chi Society donates school supplies to local elementary

The Rho Chi Society donated on Aug. 26 over 2,000 donations to Harrel Elementary school children in Kingsville. The donations in this year's Back-to-School Supply Drive – quadrupling last year's amount – were collected on the Kingsville and College Station campuses. **Monica Pham**, third-year professional student pharmacist and Rho Chi Society chapter president, was overwhelmed by the kindness and generosity of students, faculty and staff of the Texas A&M Rangel College of Pharmacy. **Andy Huynh, Bryan Kerr, Monica Pham, Ode Moreno**, assistant principal of Harrel Elementary, **Josue Guerra**, and **Hannah Hearron-Hodges** presented the more than 2,000 school supplies to students in Kingsville.

Student Highlights Presentation on both campuses

Presidents from the College's student organizations presented highlights to the entire student body on October 15, 2015, in Kingsville. The student-driven presentation focused on each organization's members, accomplishments and goals for this academic year.

2015 ASHP Local Clinical Skills Competition

A record number of 44 teams competed in the Texas A&M Rangel College of Pharmacy 2015 American Society of Health-System Pharmacists (ASHP) Local Clinical Skills Competition. **Chelsea Krueger** and **Klayton Ryman** earned first place and will be representing the college at the National Clinical Skills competition at the 2015 ASHP Midyear Clinical Meeting in New Orleans, LA in December.

STAFF NEWS

Pharmacy staff member established endowed scholarship

Students at the Texas A&M Rangel College of Pharmacy are poised to reap the rewards a generous scholarship from **Debra L. Wood, R.Ph.**, experiential education coordinator on the College Station Campus. She established an estate gift for an endowed scholarship for the future and donated to give student scholarships today. This fall, the first Texas A&M professional student pharmacist will be awarded a \$1,000 scholarship in Wood's name.

Stress Symposium

Catherine Powell, Ph.D., Post-Doctoral Research Associate attended the Inaugural Evolution of Stress: From the Genome to Disease Symposium on October 8-9, 2015 in College Station, TX. Dr. **Mahua Choudhury, Ph.D.**, was an invited speaker for the symposium. Catherine Powell, Ph.D., received the award for 3rd place and a \$1,000 travel award in the poster competition.

PRESENTATIONS

Alkhateeb FM, Tutunji L. (August 2015) Impact of SMS on Improving Medication Adherence among Diabetes Mellitus Type-2 in Jordan. First Jordanians Scientists and Technologists Abroad (JoSTA) Conference "Employing Science & Technology and Innovation for Economic Development," Amman Jordan.

Alkhateeb FM. (August 2015) "The Value and Impact of National & International Accreditation on Higher Education: Setting Pharmacy Education as an Example" Higher Education Accreditation Commission (HEAC), Amman, Jordan.

Alkhateeb FM, Asiri Y, **Al-Rousan RM**, Latif DA. (September-October 2015) International pharmacy accreditation/certification programs: value and benefits for pharmacy education in the Gulf Cooperation Countries (GCC). 75th FIP World Congress of Pharmacy and Pharmaceutical Sciences 2015, Düsseldorf, Germany.

Bhakta, K., Powell, C.A, Gutierrez Garcia, A.K, Meruvu, S., Ali, H.I, De Leon Rodriguez, A., **Choudhury, M.** (2015). The Epigenetic stress of Alcohol and Phthalate: the double trouble? Inaugural Evolution of Stress: From the Genome to Disease Symposium. College Station, TX.

Chow, E.B., C. Nguyen. (2015). *Current Vaccine Recommendations: Pneumococcal Vaccine.* Memorial Hermann Department of Pharmacy. ACPE UPN: 0500-0000-15-027-H01-P (pharmacists); 0500-0000-15-027-H01-T (technicians). Home Study; expiration 10/19/2018. Contact Hours: 0.5.

Chow, E.B., HY Ruy. (2015). *Current Vaccine Recommendations: Influenza Vaccine.* Memorial Hermann Department of Pharmacy. ACPE UPN: 0500-0000-15-028-H01-P (pharmacists); 0500-0000-15-028-H01-T (technicians). Home Study; expiration 10/19/2018. Contact Hours: 0.5.

Chow, E.B., E. Cunningham. (2015). *REVERSE-AD Current literature review: Idarucizumab for Dabigatran Reversal.* Memorial Hermann Department of Pharmacy ACPE UPN: 0500-0000-15-029-L01-P. 10/28/2015. Contact Hours: 0.5.

Khan, M.A. (2015). *Lyophilization – Modernization with internal research: Presented to Center for Biological Evaluation and Research (CBER)*, FDA Headquarters, Silver Springs, MD

Khan, M.A. (2015). *Development of review: research teams to enhance the efficiency and effectiveness of reviews in CDER/Office of Pharmaceutical Quality*, FDA Headquarters, Silver Springs, MD

Powell, C.A., Abbey C., Bayless, K., **Choudhury, M.** (2015). Destress with a Glass of Wine: An Epigenetic View of Resveratrol and Angiogenesis. Inaugural Evolution of Stress: From the Genome to Disease Symposium. College Station, TX.

Jayshree Mishra and **Narendra Kumar**, (October 2015) *Role of Janus Kinase 3 in Mucosal Differentiation and predisposition to colitis* " Baylor Scott and White Health , Annual Joseph E. and Martha E. Kutscher Digestive Disease Research Symposium. Texas A&M Health Science Center College of Medicine Medical Education Center LH2 Temple TX

Cynthia Zavala, **Jayshree Mishra**, Junnie Mwaniki and **Narendra Kumar**, (September 2015) Pharmacist: Changing roles and new frontiers; ASAMB Science Communication and outreach Careers symposium, San Antonio TX

Junnie Mwaniki, Cynthia Zavala, **Jayshree Mishra**, and **Narendra Kumar**, (September 2015) Academic Pharmacy: Yesterday, Today and Tomorrow. ASAMB Science Communication and outreach Careers symposium, San Antonio TX

Narendra Kumar; (October 2015) ‘*Gut feeling, what is it all about*” Baylor Scott and White Health Annual Joseph E. and Martha E. Kutscher Digestive Disease Research Symposium. Texas A&M Health Science Center College of Medicine Medical Education Center LH2 Temple TX

Zhu Lin, (October 2015) Stimuli-sensitive microencapsulation, *20th International Symposium on Microencapsulation*, Boston, MA. **Podium presentations (invited speaker)**

GRANTS & HONORS

Khan, Mansoor A., FDA/CDER 2015 – Excellence Award for developing a performance matrix for equivalence evaluation of cyclosporine ophthalmic emulsions, paving pathway for generic approvals and provided scientific support to address sponsors’ citizen petition

Khan, Mansoor A., FDA/CDER 2015 – Team Excellence Award – For understanding the root cause of warfarin sodium product quality, development of discriminatory dissolution method, and chemometric models for warfarin sodium crystalline fraction quantification

Khan, Mansoor A., FDA 2015 Special Recognition Award – For the Outstanding First Reviews of Generic Abuse Deterrent Products Through a Pilot Review: Research Team Approach

Khan, Mansoor A., FDA/CDER 2015 – Team Excellence Award for excellence in revitalizing and strengthening the Center’s quality research programs

Zhu Lin, appointed Chair of Session 2 “Microencapsulation for imaging”, *20th International Symposium on Microencapsulation*, Boston, MA, Oct 1-3, 2015.

Jayshree Mishra; ABRCMS Judges’ Travel Subsidy program for the 2015 Annual Biomedical Research Conference for Minority Students (ABRCMS) (travel grant)

PUBLICATIONS

Deba, Farah and Bret F. Bessac. (2015) Anoctamin-1 Cl⁻ channel in nociception: activation by an N-aroylaminothiazole and capsaicin and inhibition by T16A[inh]-A01. *Molecular Pain* 11:55.

Alkhateeb FM, Alameddine S, Attarabeen OF, Latif DA, Osolin S. Khanfar NM, **Al-Rousan RA.** (2015) Pharmacy Students' Use of Social Media Sites and Perception toward Facebook Use. *Archives of Pharmacy Practice*, 6(4):41-50

Lu, Dai, Rachel Dopart, Debra A. Kendall (2015). Controlled downregulation of the cannabinoid CB1 receptor provides a promising approach for the treatment of obesity and obesity-derived type 2 diabetes. *Cell Stress Chaperones*. (24) 1-7.

Carter-Templeton, H. & **Wu, L.** (2015). Using mobile technologies to access evidence-based resources: A rural health clinic experience. *Nursing Clinics of North America*. 50(3): 595-603. PMID: 26333613

West, Courtney, Michael Veronin, Karen Landry, Terri Kurz, **Bree Watzak,** Barbara Quiram, & Lori Graham. (July 2015) "Tools to investigate how interprofessional education activities link to competencies." *Medical Education Online* [Online], 20 (2015): n. pag. Available at: <<http://med-ed-online.net/index.php/meo/article/view/28627>>.

Mishra J, Verma RK, Alpini G, Meng F, **Kumar N**. (2015) Role of Janus Kinase 3 in Predisposition to Obesity associated Metabolic Syndrome. J Biol Chem.; PMID: 26451047

Rahman, Z., Bykadi, S., Siddiqui, A., & **Khan, M. A***. (2015). Comparison of X-ray Powder Diffraction and Solid-State Nuclear Magnetic Resonance in Estimating Crystalline Fraction of Tacrolimus in Sustained-Release Amorphous Solid Dispersion and Development of Discriminating Dissolution Method. Journal of pharmaceutical sciences, 104(5), 1777-1786.

Srinivasan, C., Siddiqui, A., Korang-Yeboah, M., & **Khan, M. A***. (2015). Stability characterization and appearance of particulates in a lyophilized formulation of a model peptide hormone-human secretin. International journal of pharmaceutics, 481(1), 104-113.

Awotwe-Otoo, D., Agarabi, C., Read, E. K., Lute, S., Brorson, K. A., & **Khan, M. A***. (2015). Product and process understanding to relate the effect of freezing method on glycation and aggregation of lyophilized monoclonal antibody formulations. International journal of pharmaceutics, 490 (1-2), 341-350.

Simon, L.... **Khan, M.A.** et al., (2015). Assessment of recent process analytical technology (PAT) trends: a multi-author review. Organic Process Research & Development, 19 (1), 3-62.

Rahman, Z., Mohammad, A., Siddiqui, A., & **Khan, M. A***. (2015). Comparison of Univariate and Multivariate Models of ¹³C SSNMR and XRPD Techniques for Quantification of Nimodipine Polymorphs AAPS PharmSciTech, 1-9.

Rahman, Z., Mohammad, A., Akhtar, S., Siddiqui, A., Korang-Yeboah, M., & **Khan, M. A*** (2015). Chemometric Model Development and Comparison of Raman and ¹³C Solid-State Nuclear Magnetic Resonance–Chemometric Methods for Quantification of Crystalline/Amorphous Warfarin Sodium Fraction in the Formulations Journal of pharmaceutical sciences, 104(8), 2550-2558.

Hershenson S, Martin-Moe S, **Khan MA**, Jameel F (Editors), Biopharmaceutical Drug Product Development and Quality by Design, ISBN 978-1-4939-2316-8, New York: Springer, 2015, AAPS Press.

Awotwe, D., and **Khan, MA**. Lyophilization of Biologics: A FDA Perspective in Lyophilized Biologics, Vaccines and Cancer Drugs _ Modality Based Approaches, Ed. Varshney, D., Springer Publishers, NY, 2015.

Xiaoming Xu and **Mansoor Khan**, Science and regulatory perspectives of nanomaterials, A Guide for Design, Preparation and development as nanomedicines, ED. Christine Vauthier and Gilles Ponchel (University of Paris); Springer Publishers, NY. 2015.

NEW HIRES AND PROMOTIONS

Dr. Mansoor Khan

Vice Dean of College Station Campus, Office of the Dean

Dr. Xiudong Yang

Postdoctoral Research Assistant, Pharmaceutical Sciences

Ms. Jennifer Santos

Veterinary Technician, Finance & Administration

Dr. Lixian Zhong

Assistant Professor, Pharmaceutical Sciences (College Station)

Dr. Mahendra Hidau

Postdoctoral Research Associate, Pharmaceutical Sciences

Ms. Deborah Zacher

Pre-Pharmacy Coordinator, Student Affairs

Ms. Gaylen Nuckols

Environmental Health and Safety Technician

Dr. Dongjin 'Donoven' Kim

Assistant Professor, Pharmaceutical Sciences (College Station)

Dr. Hamed Aly-Ismail

promotion from Instructional Assistant Professor to Assistant Professor of Pharmaceutical Sciences

Mr. Paul Boyle

promotion from Instructional Technology Specialist to Senior Educational Technologist, Academic Affairs

Mr. Steven Deanda

promotion from Program Assistant to Program Coordinator, Experiential Education

Ms. Cheyloh Flanagan-Brodnax

promotion from Academic Advisor I to Academic Advisor II, Student Affairs

Ms. Rachel Garza

promotion from Administrative Assistant to Assistant to the Department Chair, Pharmacy Practice

Ms. Erin Kells

promotion from Program Manager to Senior Program Manager, Experiential Education

Ms. Michelle Walbeck

promotion from Administrative Secretary to Senior Office Associate, Pharmaceutical Sciences