The Dean’s Report
2018
MESSAGE FROM THE DEAN

Indra K. Reddy, PhD, FAAPS, FAPhA
Professor and Founding Dean

Howdy!

Welcome to the annual report for the Texas A&M University Irma Lerma Rangel College of Pharmacy.

Guided by its five core values, or five C’s: Care, Compassion, Competence, Community, and Collaboration, the college advances pharmacy education and training and enhances the quality of lives in the region, the state of Texas and beyond.

In all we do, we dedicate the full measure of our resources and abilities to advancing the science and technologies of our profession. We strive to cultivate a culture of excellence in impactful research, transformational learning, and evidence-based practice and patient care in each professional environment we serve.

It was an incredible year for the college, and our accolades would not be possible if not for the fortitude and diligence of our faculty and staff. Our graduate program in pharmaceutical sciences received unanimous approval for implementation during the spring 2020 semester. Our Gamma Omega Chapter of The Rho Chi Society was named a finalist for the Chapter Achievement Award. Our faculty and staff ‘Walked Across Texas’ to beat 32 other teams.

Welcome to the annual report for the Texas A&M University Irma Lerma Rangel College of Pharmacy.

MISSION

To provide a comprehensive pharmacy education in a stimulating, learner-centric environment to prepare a diverse and student body for the challenges of the pharmacy profession. We strive to cultivate a culture of excellence in impactful research, transformational learning, and evidence-based practice and patient care in each professional environment we serve.

VISION

A leader in pharmacy education, research, scholarship and outreach.

OUR CORE VALUES

CARE - Students, practitioners, and the profession.

COMPASSION - Our focus on the patient as a person, extending compassion to all we serve.

COMPETENCE - Our experiential curriculum builds professional competence in every student.

COMMUNITY - We bring our expertise wherever it’s needed most to improve the quality of life.

COLLABORATION - We forge interprofessional collaborations to advance research and scholarship.
The college is named after the late Irma Lerma Rangel, District 35 State Representative and chair of the Texas House Higher Education Committee, who long sought to begin the first professional school in South Texas. Thus, the Texas A&M Irma Lerma Rangel College of Pharmacy was established in Kingsville, Texas, as a member of Texas A&M University-Kingsville.

Following approval by the Texas A&M University System Board of Regents and the Texas Higher Education Coordinating Board, the Texas A&M Irma Lerma Rangel College of Pharmacy officially joined the Texas A&M University Health Science Center in April 2006 and welcomed its first class in August 2006. Its inaugural class of 70 students completed the first PharmD degrees in May 2010.

After an increasing need for additional capacity each year – with 647 applicants vying for 87 spots in Kingsville in 2013 – the college opened a second campus in College Station, Texas, and welcomed its first cohort of students on that campus in 2014. In 2018, the college graduated its then largest class of 112 students from both campuses.

### History

#### College Station

- Kingsville

#### Kingsville

- Largest class of 112 students from both campuses.
BY THE NUMBERS

1

Lowest tuition of accredited professional pharmacy program in Texas.*

2

Affordability in offering professional pharmacy degrees in the nation.**

5

In Hispanic graduates in the nation for the past five years.*

1st

Professional program located South of San Antonio

OVER 200

The College established Health Care Partnerships

TOP 50

Program in the Nation according to U.S. News & World Report

85%

Classes 2010 to 2018 are licensed to practice in Texas

60%

students in medically underserved areas

55

full-time faculty

50%

of graduates practice in community pharmacies

42%

graduates return to South Texas

30

Post-Doctorate Fellows & graduate research scientists

RESIDENCY MATCHES
Sixteen students from the Texas A&M Rangel College of Pharmacy Class of 2018 were matched for PGY-1 residency programs which represents 14%, and three students from the Class of 2017 have been matched for PGY-2 residency programs which represents 3%.

CLASS OF 2018 NATIONAL EXAMINATION PASS RATES*

First-Time Pass Rates on NAPLEX

First-Time Pass Rates on MPJE

*Based on NABP Second Trimester Results

**College of Affordability Guide include Cost of Education

AACR Institutional Data
FINANCIAL SUMMARY

COLLEGE OF PHARMACY
FY18 REVENUE AND EXPENSES

Net General Appropriations (including tuition and fees) $15,785,911.00

Research Awards $11,720,000
Grants and Contracts 796,393
Gifts 84,214
Sales and Service 751,344
Investment Income 2,266
Other Operating Income 2,720,000

Total FY18 Revenue: $15,785,911.00

Net General Appropriations (including tuition and fees) 87%

Supplies (consumables) 2%

Clinical Payments (rotations) 1%
Operations & Maintenance 16%
Total Research Expenditures 9%
Travel 1%
Salaries 77%

Salaries $8,886,598.00
Travel $195,000
Operations and Maintenance $1,981,156.00
Clinical Payments (rotations) $110,000.00
Total Research Expenditures $1,167,717.79
Supplies (consumables) $228,966.34

Total FY18 Expenses: $12,575,218.13
Total FY18 Actual: $12,522,749.79
Total (Difference): $52,468.34
In the delivery of the Doctor of Pharmacy program, the college employs a variety of teaching and learning methods with coordinated activities in order to develop adult learners who embrace lifelong learning. Strategies employed are traditional lecture and laboratory techniques; problem-based, team-based and case-based techniques; peer-to-peer teaching and service learning; flipped classroom; and active learning methods/pedagogical techniques. Faculty members strive to deliver course and laboratory material in a manner that encourages and allows students to become active and independent participants in the perpetual process of learning.

Good Manufacturing Practices (GMP) Laboratory

The GMP is located in the Reynolds building in College Station. It will help create solid medication dosage forms, such as immediate and modified-released capsules and tablets, and novel drug delivery systems including nanoparticles and topical products, such as ointments or creams, for animal or human testing under rigid regulatory protocols. The GMP meets the FDA compliance and the requirements of the Code of Federal Regulations (CFR), Title 21. Additional labs in Reynolds were renovated for a functional Good Laboratory Practice (GLP) facility for quality control, bioequivalence, and stability studies. Together, these GMP and GLP facilities support research in pharmaceutical formulation development, stability, bioavailability, and bioequivalence products.

Sterile Products Laboratory

The Sterile Compounding Laboratory course is designed to train Doctor of Pharmacy students how to compound medications that are only available by injection or infusion and that must be diluted before administration so that the final preparation is sterile and will not cause infections to patients needing these types of medications. In addition to aseptic techniques, students are taught proper calculations for sterile preparations, stabilities of IV medications in various base solutions, and compatibilities of these medications if they must be mixed together in the same solution. Students also learn proper gowning/garbing procedures, safe handling of cytotoxic and hazardous drugs, quality assurance, and labeling and other topics that are for determining how these medications are to be handled and prepared.

Videoconferences and Distance Learning

Digital video walls adorn both campuses’ classrooms, which allows for high quality transmission of lectures. Audio equipment was recently upgraded in all classrooms to enable more effective communication between campuses.
Diversity is an integral element of the Texas A&M Irma Lerma Rangel College of Pharmacy’s mission to prepare a diverse student body for the practice of pharmacy as competent, caring, ethical professionals dedicated to the profession of optimal patient and pharmaceutical care. While engaged in didactic activities, experiential rotations and service-learning exercises, our students practice in an educational atmosphere that reflects the ethnic and cultural make-up of our society.

The college remains committed to diversity and inclusion amongst its students, faculty, and staff – it has established the Diversity Leadership Council and the Cultural Diversity Committee to promote and improve accountability and to highlight and celebrate diversity and inclusion. Its diversity website promotes resources available on both campuses and is the primary site to provide information for diversity events and outcomes.

In the 2018 American Association of Colleges of Pharmacy (AACP) student surveys, 95.7 percent of students agreed or strongly agreed that the Rangel College of Pharmacy was welcoming to students with diverse backgrounds.

Walgreens and CVS Donate to Support Diversity and Inclusion

In 2018, the college received $12,000 from the Walgreens Co. for the Walgreens Multilingual Scholarship, the Walgreens Diversity & Inclusion Excellence Award, and to support its programs and initiatives which foster diversity and inclusion. The college has also received $12,000 from CVS Health for student scholarships and interprofessional education activities.

Diversification of students is encouraged and provided through the following programs:

- **Healthcare Colloquium**: Features presentations by students, faculty, and professionals to enhance understanding of cultural diversity and uniqueness.
- **International Extravaganza**: Provides an opportunity for cultural awareness and connection through music, dance, and traditional foods.
- **Walgreens and CVS Donate to Support Diversity and Inclusion**: Financial support for scholarships and interprofessional education activities.
The opioid crisis is a national public health emergency, and Texas has experienced its own significant increases in overdoses in recent years. The Texas A&M University Health Science Center has responded with a multidisciplinary Opioid Task Force to help curb the crisis in the Lone Star State, and students across Texas A&M University are doing their part to intervene.

That includes Kingsville and College Station, where students from the Texas A&M Irma Lerma Rangel College of Pharmacy receive training on naloxone, a medication designed to rapidly reverse an opioid overdose, and they are training others on how to use this life-saving drug with “Operation Naloxone.”

Operation Naloxone provides training and support to community partners regarding opioid overdose education and naloxone rescue kits for law enforcement, first responders, and junior college students and staff throughout the Houston, Galveston, and Greater Brazos Valley areas.

Naloxone works as an opioid antagonist — meaning that it binds to opioid receptors and can reverse the effects of an opioid overdose and quickly restore the person’s respiration so they regain consciousness. Naloxone is available as prescription medication as an injectable or nasal spray, and some states, including Texas, allow naloxone to be distributed by pharmacists to the public without a prescription from a physician. Texas also passed legislation allowing for community distribution of naloxone rescue kits by trained individuals to the general public in response to the rising crisis.

Joy Alonzo, PharmD, clinical assistant professor of pharmacy practice at the Rangel College of Pharmacy, has been instrumental in securing a grant from Adapt Pharmaceutical Co. to the Health Science Center for 20,400 Narcan (nasal naloxone) rescue kits worth in excess of $3.5 million in November 2018. “Operation Naloxone is a student-led program to introduce ‘harm reduction’ to the community,” said Alonzo. “The idea is for students to go to their campus communities – on-campus and off-campus housing, and the surrounding communities – to help others learn about naloxone use.”

The Narcan kits are part of an effort spearheaded by the Texas A&M University Health Science Center Opioid Task Force, a multidisciplinary group of scholars and practitioners who serve as an urgent response team with members from the College of Pharmacy, College of Medicine, School of Public Health, College of Dentistry, and the College of Nursing.

Originally published by Dominic Hernandez in The Vital Record, April 16, 2018.
New York, Pennsylvania, and Texas. The team traveled to the Quesimpuco, Bolivia, in May 2018. A total of 363 patients and dental clinic for five days in the remote Andean village and including four pharmacy students, operated a medical Ph.D, clinical assistant professor of pharmacy practice, University Health Science Center, led by Bree Watzak, University Health Science Center, led by Bree Watzak,
Kleberg County Health Fair

25% of graduates practice pharmacy in south texas

Fiesta Patias

Corral Park Health Fair

CARE & COMPASSION

STUDENT ENGAGEMENT IN COMMUNITY AND STATE OUTREACH HEALTH FAIRS

Since 2017, students from the Texas A&M Irma Lerma Rangel College of Pharmacy have provided health care services to approximately 5,765 members of the local and rural communities in the form of health and wellness screenings (4,009 hours), immunization clinics (741 hours), patient education sessions (1,025 hours), and camps for individuals with special needs (286 hours). Some of the events and locations where these services were rendered include Twin Cities Mission, H-E-B Second Saturday Health Screenings, Operation Lone Star, Project SHINE, Fiesta Patias, and COP LEADS.

Outreach Impact

- Immunization Clinics: 741 hours
- Camps for Special Needs: 286 hours
- Patient Education Sessions: 1,025 hours
- Health and Wellness Screenings: 4,009 hours
- P.E. Day Simulations: 254 hours
Andrew Ramirez and Bryan Sigoloff, members of the college’s Class of 2020, organized the Pharmacy Public Health Committee to aid in recovery efforts for Coastal Bend areas affected by Hurricane Harvey throughout fall 2017 and spring 2018. Five crews consisting of students, faculty, and staff, cleared massive amounts of debris in the Port Aransas, Rockport, and Aransas Pass Communities in addition to delivering 2500 prevention kits and over-the-counter medications to the affected communities.

The Texas A&M Irma Lerma Rangel College of Pharmacy chapter of Kappa Psi Pharmaceutical Fraternity, Inc. and the American Pharmacists Association – Academy of Student Pharmacists (APhA-ASP) partnered with the Coastal Bend Blood Center to host a community-wide blood and donation drive for those affected by Hurricane Harvey at the Texas A&M University-Kingsville campus. Along with blood, donation items were collected to distribute to those affected areas in need of immediate assistance.

Pharmacists (APhA-ASP) partnered with the Coastal Bend area in need of immediate assistance. Pharmacists (APhA-ASP) partnered with the Coastal Bend Rockport, and Aransas Pass Communities in addition to delivering 2500 prevention kits and over-the-counter medications to the affected communities.

Collaborative in April 2018 for the DEA National Prescription Drug Take Back Day. The National Prescription Drug Take Back Day aims to provide a safe, convenient, and responsible means of disposing of prescription drugs, while also educating the general public about the potential for abuse of medications.

College Hosts Pharmacy Discovery Camp

The Texas A&M Irma Lerma Rangel College of Pharmacy hosted a two-day Pharmacy Discovery Camp in July 2018. Twenty high school students attended the camp where they participated in campus tours, practiced pharmacy skills, and learned about opportunities available in the field of pharmacy.

Global Institute for Hispanic Health

The Texas A&M and Driscoll Children’s Hospital Global Institute for Hispanic Health (GIHH) awarded grant funding to four research teams in its inaugural Clinical Research Seed Grant program. This program provides research seed funding for clinical, translational and health services research projects primarily aimed at eliminating health care disparities in Hispanic communities.

Four faculty members from the Texas A&M Irma Lerma Rangel College of Pharmacy have received GIHH inaugural Seed Grants. They are: Jose J. Hernandez, PhD, Joy P. Alonso, PharmD, and Lusian Zhong, PhD, for their project, Effect of an Asthma-related Educational Intervention Targeting Pharmacies in the Driscoll Health Plan Texas CHIP/Medicaid Network in the Provision of Pharmaceutical Care Intervene Programs for Asthma and Patients’ Outcomes; and Narendra Kumar, PhD, for his project, Development of Biomarkers for Obesity-Associated Mental Health.

Students Collaborate on National Prescription Drug Take Back Day

The college’s chapter of the Student Society of Health-System Pharmacists (SSHP) and the American Pharmacists Association – Academy of Student Pharmacists (APhA-ASP) collaborated in April 2018 for the DEA National Prescription Drug Take Back Day. The National Prescription Drug Take Back Day aims to provide a safe, convenient, and responsible means of disposing of prescription drugs, while also educating the general public about the potential for abuse of medications.

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More than 200 community members, students, faculty, and staff gathered for the fifth annual Ties & Tennis Shoes 5k/10k Memorial Fun Run and Walk on Feb. 23, 2018. Students raised more than $27,000 through the event for the Dr. James Robertson Jr. Memorial Fund. This student-led tradition has expanded its mission to support student scholarships and educational programming.

James Robertson, Jr., PhD, was a cornerstone to the Texas A&M Irma Lerma Rangel College of Pharmacy and served as the first associate dean for student affairs. He died on Nov. 21, 2012, after complications from pneumonia. Since that time, students wish to honor his legacy by making a difference in the lives of those around them through the Dr. James Robertson Jr. Make a Difference Award and the endowed Dr. James Robertson Jr. Memorial Scholarship.

TIES & TENNIS SHOES MEMORIAL FUN RUN
ASPIRE® PRE-MATRICULATION GRANT AWARDED TO DR. ELAINE DEMP S AND DR. AMANDA GALINDO

Elaine Demps, PhD, director of instructional design & support services, and Amanda Galindo, EdD, assistant dean for student affairs, received a two-year grant award in the amount of $158,519 from the Texas Higher Education Coordinating Board through the Minority Health Research and Education Grant Program for their project, Aggie Student Pharmacists Initiative for Recruitment Retention and Education or ASPIRE®. The overarching aim of the grant is to increase recruitment and retention of underrepresented minority and first generation students in the pharmacy program.

The ASPIRE® program includes four tracks to help prepare and support students who are applying to or entering the professional pharmacy degree program at the Texas A&M Irma Lerma Rangel College of Pharmacy. Tracks 1 and 2 help undergraduate pre-pharmacy students become more competitive pharmacy school applicants while Tracks 3 and 4 help admitted pharmacy students transition to the rigors of the PharmD program. The program welcomed its first cohort of participants in June 2018.

Factors that contribute to Academic Difficulty

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<th>Students Served</th>
<th>Academic coaching sessions</th>
<th>Career planning sessions</th>
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<td>145</td>
<td>112</td>
<td>18</td>
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9 Trained ASPIRE® Peer Mentors

6 Developed Student Success ASPIRE® Modules

• Developing Professional Skills
• Learning and Study Habits
• Time Management
• Metacognition
• Communication
• Physical and Emotional Health

96% Reported Back for 5th Visit
12% Personal Issues, 9% Test Taking Anxiety, 4% Family Concerns, 4% Physical Health Problems, 3% Working too many hours, 3% Learning Issues, and 2% Financial Issues.
COMPETENCE

State Clinical Skills Competition
Sarah Bermudez (Class of 2020) and Yovan Canales (Class of 2018) placed first amongst all teams in the Texas Society of Health-System Pharmacists (TSHP) Clinical Skills Competition held April 2018 in The Woodlands, Texas. Bermudez represented the college during the annual meeting of the American Society of Health-System Pharmacists in December 2018.

AMCP Student Pharmacist Finalist
Anh Thu Tran (Class of 2019) serves as the president of the Academy of Managed Care Pharmacy (AMCP) for the Texas A&M Irma Lerma Rangel College of Pharmacy. She was selected to participate in the AMCP Advanced Pharmacy Practice Experiences Professional Program in Association & Leadership Management.

USPHS Excellence in Public Health Pharmacy Practice Award
The United States Public Health Service (USPHS) is a diverse team of over 6,500 highly-qualified, public health professionals. Driven by a passion to serve the underserved, these men and women fill essential public health leadership and clinical service roles with the nation’s federal government agencies. Bright Yorka (Class of 2019) has been awarded the USPHS Excellence in Public Health Pharmacy Practice Award for 2018 for his contributions and dedication in service to his community.
Agatha Moy

Teachers of the Year
Mohammad Nutan, Ph.D.
Gregory Sawyer, Ph.D.
Juan Castro, M.D.
Heather Hay, Pharm.D.

Teaching Teams of the Year
IPT I: Electrolytes, Acid Base and Kidney Diseases
Charlotte Farris, Pharm.D., clinical assistant professor of pharmacy practice, was accepted to the 2017-18 Student Success Faculty Fellows Program at Texas A&M University for her proposal Student Success through Multimodal Assessment and Self-Regulated Learning.

Faculty Scientific Awards
Mahua Choudhury, Ph.D., associate professor of pharmaceutical sciences, was awarded a scholarship from the National Institutes of Health (NIH).
Lin Zhu, Ph.D., associate professor of pharmaceutical sciences, was awarded $445,000 from the NIH for his study on improving tumor specificity with targeted drug delivery.

Texas A&M University has established the President’s Excellence Fund in 2018. It is a $100 million investment over 10 years for the advancement of faculty innovations in teaching and research. The College of T3: Texas A&M Triads for Transformation, launched in spring 2018 and has selected 100 innovative interdisciplinary projects for funding. Approximately $3 million is committed annually to T3 projects.

Seven faculty members from the Texas A&M University College of Pharmacy received T3 grants in this cycle: Hamed Ismail Ali, Ph.D., Zakeria Elmageed, Ph.D., Ayman Hamssuda, Ph.D., Dongjin Kim, Ph.D., Michael Miller, DrPH, Sriprath Palaikuthu, Ph.D., and Lissian Zhong, Ph.D.

Faculty Fellowships
Andresa Mora, Pharm.D., clinical associate professor of pharmacy practice, was accepted to the American Association of Colleges of Pharmacy (AACP) Academic Leadership Fellows Program for 2018-19. The AACP program supports and contributes to the development of leaders in academic pharmacy and higher education. It also provides fellows an opportunity to expand their relationships with peers and colleagues in other institutions to enhance networking within their own institutions.

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COMPETENCE

CONGRATULATIONS
CLASS OF 2018

One hundred twelve students completed the professional pharmacy degree (PharmD) program from the Texas A&M University–Lemco Rangel College of Pharmacy in 2018. The Class of 2018 is the ninth cohort for the college and the first to include students who attended the College Station campus since it opened in 2014. The keynote speaker for the May 26 commencement ceremony was Janet Woodcock, MD, director of the Center for Drug Evaluation and Research at the U.S. Food and Drug Administration.

93% of students enrolled graduated on time.
Disaster Day
Disaster Day, a day long 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 Brazos 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.

Operation Lone Star Emergency Preparedness
Students from the College of pharmacy joined others students from the Colleges of Dentistry, Medicine, Nursing and the School of Public Health along with the College of Agriculture & Life Sciences and the Department of Food & Nutrition Sciences to assist in the provision of health care at six locations along the south Texas border. Faculty also joined in to precept and deliver care. Operation Lone Star is an annual event that provides health care services during a five-day medical emergency preparedness exercise coordinated by the Department of State Health Services in partnership with the National Guard. Over this five-day exercise, approximately 3,000 individuals were delivered primary health care.
As rising costs of higher education have become a national debate, good news has come from the Texas A&M Irma Lerma Rangel College of Pharmacy. The college was ranked second in the nation for most affordable pharmacy degrees. College Affordability Guide gave the school a score of 97, only 0.0 below the first ranked college.

A cost/benefit analysis compared the strengths and weaknesses of what is achieved with the degree. This was designed to identify schools affordable for average students and those from low-income families. To be included in the rankings, the university must have a nonprofit status, 500 or more students and accept Advanced Placement or Reserve Officers’ Training Corps credit. In addition, 20 percent of the students must be Pell Grant recipients.

Degree Prospects also looks at equitable usage of financial aid funds, as in more aid for families earning less. Furthermore, the university must have at least half of its students graduating or transferring to another school within six years, and half with student debts must be actively paying it back three years upon graduation.

The College of Pharmacy’s 8.1 student-to-faculty ratio was cited as a factor for the high ranking. Another contributing item was the Doctor of Pharmacy program enabling students to gain pharmacy experience as soon as the second year of studies. Combining the aforementioned factors created a small group of colleges, those which are ensuring that students are getting their money’s worth.

The college continually pursued innovative and economical ways to ensure for students a strong didactic education, a broad and applied pharmacy experience early in the curriculum, and availability of mentoring across many aspects of professional life. The college’s costs met its quality education. By 2012, the college ranked among the top 50 pharmacy programs in the nation, according to U.S. News & World Report.

“Our mission was to develop a high-quality, low-cost program, bar none. In just six years, the quality of our program allowed us to reach the top 50 programs in the country,” said Indra K. Reddy, PhD, founding dean and professor. “This was largely due to the success of our students, and the hard work of our faculty in obtaining extramural funding and publication of research and scholarly activities. However, our focus was not on rankings but rather on the mission. We understand our students need for affordability—we strive to offer a quality program with a high return on investment.”

The college remains steadfast in its mission to provide a learning-intensive, stimulating pharmacy education—combined with research and service—that prepares its students to be competent, caring and ethical health care professionals.

 Originally published by Tamin Choudhury in The Vital Record, May 16, 2018

The National Institute for Pharmaceutical Technology and Education (NIPTE) Board has confirmed official membership by the Texas A&M Irma Lerma Rangel College of Pharma- cy. NIPTE, Inc. is a not-for-profit organization dedicated to fundamental research and education in pharmaceutical product development and manufacturing. NIPTE’s goal 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 implement. Indra K. Reddy, PhD, professor and founding dean, has been named chair-elect of NIPTE’s executive board.
A doctoral degree program in pharmaceutical sciences at the Texas A&M Irma Lerma Rangel College of Pharmacy was approved by the Texas Higher Education Coordinating Board. The first cohort in the PhD program will start in spring 2020 at the Kingsville and Bryan, Texas, locations, which operate under a “one program, two campuses” model. The Rangel College of Pharmacy will distinguish itself by offering graduate training and education based on the U.S. Food and Drug Administration’s (FDA) recommendations for transforming the way medical products are developed, evaluated, and manufactured. Students will design and conduct research, have hands-on experience at research centers and laboratories and complete a dissertation.

Karen Butler-Purry, PhD, PE, associate provost for graduate and professional studies at Texas A&M, said, "We are excited to have this great addition to our graduate programs. FDA’s critical path and modernization of pharmaceutical development was the missing piece of our puzzle. It is great to see the convergence of multidisciplinary faculty to help train the future generation of pharmaceutical scientists in this modern paradigm."

Development of the Texas A&M graduate program in pharmaceutical sciences began in 2016. Leading the charge to initiate the graduate program was Mansoor Khan, RPh, PhD, professor and vice dean of the College Station campus, interim head of the Department of Pharmaceutical Sciences and director of the Formulations and Drug Delivery Core Laboratory. He had shepherded a similar process at Texas Tech University in 1999.

The addition of the PhD will elevate the graduate program and help Texas A&M recruit strong faculty members and turn out solid researchers.

Originally published by Keil Reynolds in The Vital Record, July 26, 2019

The Vital Record, July 26, 2019
Originally published by Kelli Reynolds in

The Texas A&M University in College Station, Texas, Carol F tierke, PhD, provost and executive vice president, delivered the Nelson Volley Memorial Keynote at the conference. Mansoor Khan, RPh, PhD, and Dai Lu, PhD, served as co-chairs for the planning committee.

MALTO is a research consortium between Mississippi, Arkansas, Alabama, Louisiana, Texas, and Oklahoma. It was established with the concept of a miniature medicinal chemistry meeting at which students could have the opportunity to present their research to their peers and mentors.
A W INN ING FORMULA FOR PHYSICAL ACTIVITY

A fitness team from the Texas A&M Irma Lerma Rangel College of Pharmacy won the Walk Across Texas 2018 grand championship trophy for Kleberg-Kendall County. The winners included Eilana Demp, PhD, Rachel Garza, Narendra Kumar, PhD, Jayshree Mishra, PhD, Pooja Patel, PharmD, Victoria Pho, PharmD, Iftikhar Reynol and Greg Sawyer, PhD. Competing against 32 other South Texas teams, this group walked a combined 3,395 miles in eight weeks.

Mishra, a research assistant professor of pharmaceutical sciences, served as team captain. Upon noticing people signing up at the Texas A&M University—Kingsville office environment, she realized this was an excellent opportunity to provide a healthy lifestyle for the College of Pharmacy and Aggie community.

Whereas the goal was to walk 830 miles—the width of Texas—this team walked more than 3,395 miles. ‘It was exciting to see people show up and participate,’ said Mishra. ‘We had to be creative about promoting the walk for our team, and we put a lot of精力 into it.’

The team’s next goal is to walk 1,700 miles—the length of Texas. Mishra would like to see the team continue to grow, as it is an opportunity to bring people together and help those in need.

The Vital Record, June 5, 2018

Two Student Teams Receive First Make a Difference Award

Two College of Pharmacy teams received the first Dr. James Robertson Jr. Make A Difference Award. Operation Naloxone team members Austin Bridges (P4), Caitlyn Clifton (P3) Stephanie Bravo (P4) and Lorena Gonzalez (P3) will purchase teaching aids and acquire naloxone kits for disbursement to the South Texas Region and Bryan, College Station community with the award funds. Pharmacy Public Health Committee team members Andrew Ramirez (P4) and Bryan Siglof (P4) hosted a Public Health Symposium in March 2019.

AACP Excellence in Student Services Award

Dean Ina C. Reddy presents the James Robertson, Jr. Leadership Excellence in Student Services Award to Renai Chestnut, RPh, EdD, MBA, Dean of Drake University College of Pharmacy & Health Sciences at the AACP Annual Meeting in Boston, Massachusetts on July 24, 2018. This award was established by the AACP in honor of the late Dr. James Robertson, Jr., to recognize faculty for their student service excellence.
COLLEGE NEWS & EVENTS

STUDENT ORGANIZATIONS ATTEND CONFERENCES

TSHP Annual Seminar
Thirty six students attended the Texas Society of Health-System Pharmacists (TSHP) Annual Seminar in The Woodlands during April 6-8, and actively participated in the annual poster and clinical skills competition and other activities.

APhA Alcoholism and Drug Dependencies
The Texas A&M Rangel College of Pharmacy had its largest group ever with 20 students attending along with Debra Wood, RPh, Experiential Education Coordinator; and Jeffrey Luke, PharmD, Clinical Assistant Professor of Pharmacy Practice. The five-day conference provided education, personal development, networking and an exchange of ideas related to the disease of addiction and inspired attendees to increase awareness of health and social problems related to alcoholism and other drug dependencies.

Pharmacy Student Council Leadership Retreat
A total of 16 student leaders attended the two-day event. Four external speakers were invited to present. The Retreat topics included Proven Keys to Success, Habits of Mind: Evidence and Application for Pharmacy Practice, Leadership, Diversity, and the 21st Century Pharmacist, and Leading with Emotional Intelligence.

Texas Pharmacy Association Conference and Expo
Pharmacy students; Christopher White (P4), Cody Kibbee (P1), Jennifer Meza (P1) and Zachary Bridges (P4) placed second in the Texas Student Pharmacist Self-Care Championship that occurred on Saturday, July 14 at the conference.
College of Pharmacy recognizes pharmacy students entering their second year of studies who have earned their Texas Pharmacy Intern Licenses in a White Coat Ceremony for the Class of 2021 for the campuses of College Station and Kingsville that were held September 22 and October 30, respectively. The class of 2021 donned their white coats, 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.

Michael Morse, JD, RPh served as the keynote speaker for the College Station White Coat Ceremony. He is the Vice President and Associate General Counsel for Regulatory Affairs at Cardinal Health, Inc.

Evan Robinson, PhD, RPh served as the keynote speaker for the Kingsville White Coat Ceremony. He is the Founding Dean at the College of Pharmacy and Health Sciences and Associate Provost for Academic Affairs at Western New England University.
New ISPOR Chapter Established
The Texas A&M Rangel College of Pharmacy has formally approved and established a student chapter for International Society for Pharmacoeconomics and Outcomes Research (ISPOR). The ISPOR student chapter is affiliated with national ISPOR and is the leading global scientific and educational organization for health economics and outcomes research. ISPOR student chapter is aimed to provide our Pharm.D. students with pharmacoeconomic resources, networking, foster interest in pharmacoeconomics and support cutting-edge research and outcomes. The activities of the organization will familiarize students with health-related decision making process and prepare them for careers in managed care, pharmaceutical industry and other health care settings.

Kappa Psi and Phi Delta Chi Granted Colony Memberships
Both our student chapters – Kappa Psi and Phi Delta Chi – have received approval from the Pharmacy College Organization Group (PCOG) to move forward with Colony memberships on our College Station campus. Current chapters of our fraternities will have members on both campuses in Kingsville and College Station. Further, each fraternity will have a member on the leadership team of PCOG in College Station.

Rho Chi & Phi Lambda Sigma Induct New Members
The Texas A&M Rangel College of Pharmacy held a joint induction ceremony banquet of the Rho Chi Society Gamma Omega Chapter and the Phi Lambda Sigma Gamma Mu Chapter on April 13, 2018. The Rho Chi Society inducted 21 new members while Phi Lambda Sigma inducted 14 new members. Ms. Debbie Garcia, CEO of Texas Pharmacy Association, served as the guest of honor at the ceremony. She also delivered the Rho Chi keynote lecture, “Leadership in the Pharmacy Profession,” to the student body earlier that day.
OUTSTANDING EARLY CAREER ALUMNI AWARD ESTABLISHED

The Outstanding Early Career Alumni Award is designed to honor graduates who are 15 years or less post-graduation and who have made significant contributions to their careers or through public service and volunteer activities. Honorees possess the highest standards of respect and integrity, which brings honor to the Texas A&M Irma Lerma Rangel College of Pharmacy.

Have YOU or a former classmate made a positive impact on pharmacy practice? Let us know! For more information, visit us online at pharmacy.tamhsc.edu/alumni

WE WANT TO STAY CONNECTED!

We want to make sure we have your most up-to-date information to keep you informed of all that’s happening at the Rangel College of Pharmacy.

Please contact the Office of the Dean at 361.221.0604 or visit us online at pharmacy.tamhsc.edu/alumni

Adrian Sandoulis, PharmD ’12, has been selected as the recipient of the inaugural Outstanding Early Career Alumni Award from the Texas A&M Rangel College of Pharmacy.

ALUMNI WAYS TO GIVE

ONLINE
To make a secure gift online, visit Pharmacy.tamhsc.edu

OVER THE PHONE
Texas A&M Rangel College of Pharmacy
Office of the Dean
361.221.0604

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Texas A&M Rangel College of Pharmacy
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800.392.3310 or
979.436.9107
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Sarah Bermudez (Class of 2020) has demonstrated her passion for preventative care and chronic disease state management in many ways. She has started new health care projects, expanded existing health screening programs, and increased the number of student volunteers, in turn deepening the impact on her community.

Bermudez began contributing her time and talent to community service early in her pharmacy school career. One of the events she took an immediate interest in was Fiesta Patrías, an annual cultural event that brings thousands of the events she took an immediate interest in was Fiesta Patrías, an annual cultural event that brings thousands of people to downtown Bryan/College Station. She has spent numerous hours teaching patients the appropriate utilization of insulin pens as well as self-injection of insulin. She developed a diabetes group education module and implemented that into the clinic.

As the Stroke Committee Chair for the college's Student National Pharmaceutical Association (SNPhA) chapter, Bermudez collaborated with another student organization on a unique project, “Project Downtown.” In this project, students provide monthly health screenings, smoking cessation counseling, and immunization awareness in the underserved neighborhoods of Bryan.

Bermudez’s commitment to the public and to the profession of pharmacy are undeniable. She has devoted her time to making a significant difference in the lives of patients through meaningful service.

Julio Guerra (Class of 2021) values excellence in education and leadership. As the vice president for the Gamma Chapter of the Rho Chi Society and the president of the Pharmacy Public Health Committe, he has been taking active student initiatives to target communities with low-income households and low health literacy rates.

To these efforts, Guerra has led the Pharmacy Public Health Committee to initiate collaborations with two significant programs: Neighbors in Need of Brazos (NNoB), Inc. He has also led the Community Partnership Program and The Colonias Program. The NINOS, Inc. He has also led the Community Partnership Program and The Colonias Program.

NNoB presents the following statistics from the 2,884 children (0 months to 5 years) who are obese: 29.9 percent are obese, 13.8 percent are overweight, and 89.5 percent have an income below the federal poverty line. Since there is a direct correlation between low-income households and low health literacy, Guerra and the Public Health Committee believe that educating parents is how these health disparities can be addressed. They have created an education program which focuses on prevention and control of disease in these areas.

In addition to the community service hours Guerra lends to NINOS, Inc. and The Colonias Program, Guerra serves as a peer mentor for ASPIRE (Aggie Student Pharmacists Initiative for Recruitment) (Retention and Education). He tutors fellow pharmacy students and helps prepare pre-pharmacy students who are interested in pursuing a degree in pharmacy. Guerra was recently awarded the PM Rangel Family Endowed Scholarship in recognition of his efforts.

education about the benefits of physical activity. He has also helped organize free clinics, medication counseling, and assisted with healthy eating habits.

Colonias are medically underserved communities, which lack in basic services such as potable water, electricity, paved roads, proper drainage, and waste management. The Public Health Committee collaborates on The Colonias Program, which incorporates service learning through the establishment of a mobile medical clinic that offers blood pressure and glucose screening, BMI measurements, and diabetes education in these areas.

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WE ARE AGGIES!