



TECH SCRIPT

TEXAS TECH UNIVERSITY  HEALTH SCIENCES CENTER™

Jerry H. Hodge School of Pharmacy Annual Report | 2022-2023

C O N T E N T S

4 MESSAGE FROM THE DEAN

5 ABOUT US

7 FACULTY ACHIEVEMENTS

19 FACULTY AND STAFF NEWS AND RECOGNITION

27 STUDENT ACHIEVEMENTS

38 EVENTS AND COMMUNITY

47 SERVICE

54 ALUMNI

59 FACILITIES

61 TTUHSC

THE YEAR IN NUMBERS



150

Pharm.D. graduates
in the Class of 2023



51

students matched
with residency
programs



6

students attending
fellowship programs
after graduation



29

students graduating
with Pharm.D./MBA
dual degrees



2

students graduating
with honors in
research designations



+1.2M

total scholarships
awarded for the
2022-2023
school year



18.5M

annual research
budget for new and
continuing funding

MESSAGE FROM THE DEAN

Remarkable accomplishments from students, team members and alumni offer us reasons to celebrate a successful academic year from August 2022 to July 2023.

Texas Tech University Health Sciences Center (TTUHSC) Jerry H. Hodge School of Pharmacy students received multiple regional and national recognitions, including winning first place in the TSHP Clinical Skills Competition, second place in the NIH Research Scholar Program, Top Five at SNPhA competition, the AACP/Walmart Health Equity Scholarship, a student board member of the American College of Veterinary Pharmacists, 17 poster presentations at ASHP Midyear Clinical Meeting and one poster presentation at ASCP.

Our graduates are making significant contributions to meet the demands of the post-COVID era. The national board exam passing rate from the Class of 2022 exceeded both national and Texas averages. The Class of 2023 had 150 Doctor of Pharmacy graduates: 29 students earned Pharm.D./MBA dual degrees, 49 went on to pharmacy residency training and six to fellowship programs across the nation. All of them earned a concentration on special populations and completed experiential rotations in pediatrics, geriatrics, and rural health, in addition to all other required rotations in health-system and community pharmacy practice.

We started the second dual degree program in Pharm.D./MPH by collaborating with the TTUHSC Julia Jones Matthews School of Population and Public Health. Currently there are seven pharmacy students enrolled in this dual degree program.

Several of our faculty members received local, regional and national awards and recognitions, including the Chancellor's Distinguished Research Award, President's Excellence Awards, TTU & TTUHSC Inventor Awards, the ACCP Education Award, the ACCP Outstanding Achievement Award, AAPS best abstract award, AAAS Lifetime Fellow and AACP President.

Our faculty and their research teams have received grants from the NIH, BPS, USDA, and TTUHSC.

With research funding, the Amarillo researchers purchased a unique and rare confocal microscope, the Leica Stellaris 8 Falcon STED Super resolution, one of only four in operation across the country, which significantly expands our collaboration and scientific discoveries. The School of Pharmacy also started a new research center, The Center for Excellence in Real-World Evidence, based on the Dallas Campus.

The School of Pharmacy administrative team had a few changes, including a new regional dean at the Amarillo campus, a new division head in adult medicine and a transition of roles from Senior Executive Associate Dean to Associate Dean of Strategic Planning.

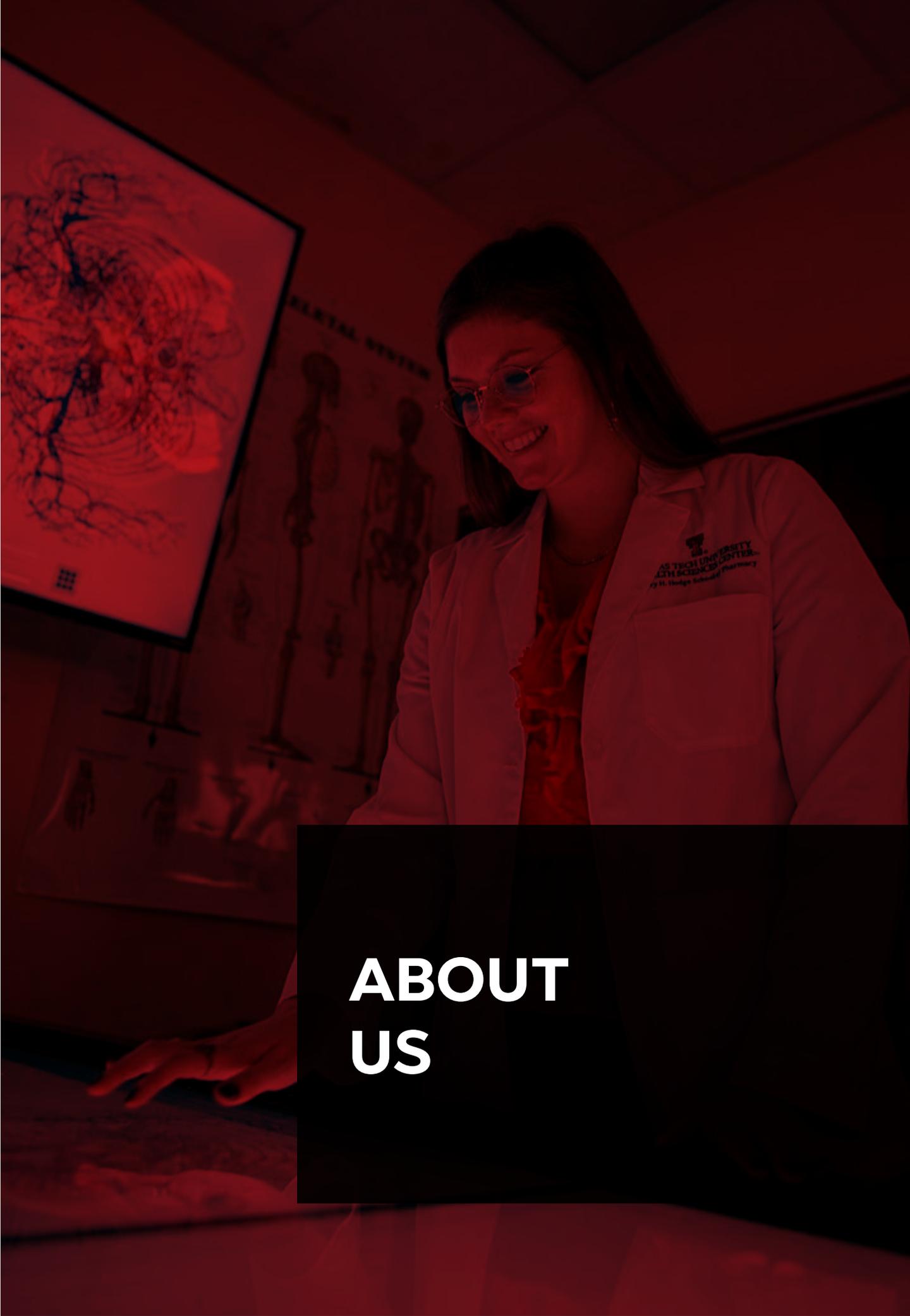
Our team members and students have made amazing contributions in the community. The Texas Panhandle Poison Center, managed by the school, hosted six medication cleanout events at the Abilene, Amarillo and Lubbock campuses, collecting and disposing of more than 7,200 pounds of medications and nearly 1,200 pounds of sharps from community residents.

Both Dr. Shawn Hodges (CEO of Revelation Pharma) and Dr. Kaytlin Krutsch (Faculty and leader at the InfantRisk Center at the TTUHSC School of Medicine) received distinguished alumni awards.

Our mission is to enhance the lives of patients through innovation and excellence in pharmacy education, practice and research. The progress of our strategic plan towards achieving the School's mission is evident from this annual report.



Grace M. Kuo,
Pharm.D., MPH, Ph.D.
Dean and Professor



ABOUT US



MISSION:

To enhance the lives of patients through innovation and excellence in pharmacy education, practice and research.

VISION:

To transform health care and the lives of the patients we serve.

OUR COMMITMENT: AS A COMMUNITY OF LEARNERS, WE ARE COMMITTED TO:

1. The creation of a student-centered, positive learning community in which each person is dedicated to the pharmacy profession and values excellence in education, practice and research.
2. Collaborative interpersonal relationships - defined as mutual learning, open communication and shared responsibility among faculty, administration and students.
3. Compassionate care for each patient and an unwavering dedication to meet each patient's pharmaceutical care needs.
4. Community involvement and serving the health care needs of the citizens of West Texas. This perspective will be reflected in our doctoral candidates who have a community perspective supported by a sound biological and behavioral understanding of health care.
5. Work characterized by its excellence and our willingness to change, be progressive, make timely and vigilant decisions and evaluate our performances against stated goals.
6. Academic and healthcare environments that encourage open debate and dialogue, the introduction of new ideas and practices, innovation through collaboration and an unwavering commitment to self-improvement, self-renewal and life-long learning.



FACULTY ACHIEVEMENTS

FACULTY MEMBERS RECEIVE PRESIDENT'S EXCELLENCE AWARDS



Two School of Pharmacy faculty members were honored at the TTUHSC 2022 Faculty Convocation and Awards Ceremony on November 14th in Lubbock.

Mary Klein, Pharm.D., assistant professor of pharmacy practice at the Abilene campus, received the 2022 President's Excellence in Community Engagement Award, which recognizes those with a history of demonstrated exceptional service and devotion to their larger communities while a faculty member at Texas Tech University Health Sciences Center (TTUHSC).

Hiranmoy Das, Ph.D., professor of pharmaceutical sciences at the Amarillo campus, received the President's Excellence in Research Award, which recognizes those with accomplishments in research/scholarship as demonstrated in original, high- impact publications, external funding, national/international peer recognition and research awards for work accomplished at TTUHSC.

BOHN PUBLISHED BY HARVARD BUSINESS



Kaci Bohn, Ph.D., associate professor of pharmaceutical sciences at the Amarillo campus, gave a presentation at the Teaching Professor Conference that was selected for publication by Harvard Business Publishing. The article, titled “Phrasing Matters When Posing Questions to Students,” provides tips for how to ask students the right questions for maximal retention of material.

“Numerous people contacted me after the meeting to tell me they implemented my technique and it was helping,” shared Bohn. “I feel so honored to contribute to improving learning in the university setting.”

COURTNEY SELECTED FOR OUTSTANDING FACULTY AWARD



Lindsey Courtney, Pharm.D., assistant professor in the department of pharmacy practice at the Amarillo campus, was selected by students as a 2022-2023 Outstanding Faculty of the Year for the School of Pharmacy. The award, sponsored by the TTUHSC Student Government Association, honors faculty members who are knowledgeable, enthusiastic, flexible, accommodating, patient, empathetic and demonstrate both an interest in learning and the belief that teaching is an active process.

EDWARDS RECEIVES PERSEVERANCE AWARD



Krystal Edwards, Pharm.D., professor of pharmacy practice at the Dallas campus, received the Perseverance Award at the faculty dinner in May. The award recognizes a team member who has persevered through challenges.

EIGHT PRECEPTORS OF THE YEAR NAMED

Each year students have the opportunity to nominate their favorite preceptor for the Preceptor of the Year Award. A faculty and adjunct faculty member are selected from each campus to receive the award.

The 2023 preceptor of the year awardees include:



Chelsea Krueger, Pharm.D., Faculty, Dallas
Sherry Luedtke, Pharm.D., Faculty, Amarillo



Jacy Malone, Pharm.D., Adjunct Faculty, Amarillo
Grace Poon, Pharm.D., Adjunct Faculty, Dallas



Janie Robles, Pharm.D., Faculty, Lubbock
Brian Terrell, Pharm.D., Faculty, Abilene



Danielle Thomas, Pharm.D., Adjunct Faculty, Abilene
Katherine Weigartz, Pharm.D., Adjunct Faculty, Lubbock



THREE FACULTY MEMBERS RECEIVE TENURE/ PROMOTIONS

In March, the Board of Regents approved tenure and promotion appointments for three faculty members that went into effect on September 1, 2023.



Mary Klein, Pharm.D. - promotion - assistant professor to associate professor

Becky Mahan, Pharm.D. - promotion - assistant professor to associate professor

Grace Kuo, Pharm.D., MPH, Ph.D. - tenure

HALL AWARDED RESEARCH GRANT



Ron Hall, Pharm.D., MScS, associate professor and vice-chair of research for the pharmacy practice department at the Dallas campus, was awarded a seed grant from the TTUHSC disparities research program. With a proposed \$10,000 budget, the study will evaluate differences in documentation of penicillin allergy in the electronic health record based on race and/or ethnicity among outpatients being treated for skin and soft tissue infections. It will also evaluate differences in prescribed antibiotics for skin infections and the treatment outcomes.

RESIDENT RECEIVES SEED GRANT



The Board of Pharmacy Specialties (BPS) selected Amanda Charlton, Pharm.D., PGY2 pharmacotherapy resident, as one of two recipients of the fifth annual postgraduate year 2 (PGY2) Pharmacy Residency Research Seed Grant. Charlton was recognized for her proposal: "Distribution and Accessibility of Board-Certified Pharmacists."



USDA SUBCONTRACT COULD BE FIRST OF MANY COLLABORATIONS WITH TTU VET SCHOOL

In its August 2020 funding cycle, the Cancer Prevention & Research Institute of Texas (CPRIT) awarded a \$2.8 million Core Facility Support grant to Ulrich Bickel, M.D., professor and associate dean of sciences in the TTUHSC Jerry H. Hodge School of Pharmacy.

The grant funded the purchase of three new imaging instruments that, when combined with existing equipment, transformed the Amarillo campus Imaging Core Facility into a state-of-the-art imaging center and amplified TTUHSC's intention to become a competitive biomedical research institution.

The featured piece of equipment purchased with the grant was a Leica Stellaris 8 Falcon STED Super resolution confocal microscope. This unique and rare microscope system allows investigators to produce optical images of living cells at a resolution previously achievable only by electron microscopy. The inventors received a Nobel Prize in 2014.

A human red blood cell has an average diameter of seven micrometers, which can be seen using a normal optical microscope. Other cells and organisms measuring one micrometer in diameter, including certain bacteria,

are harder to see with an optical microscope, but it is possible. However, there are certain things that are so small — 30 to 50 nanometers, for example — and cannot not be seen with a typical optical microscope.

Bickel said the Leica Stellaris 8 Falcon STED Super resolution confocal microscope helped eliminate those restrictions. When casually viewed, this microscope generally looks similar to any other. But the primary difference is a box of three drawers that sits on the left of the microscope. Each of these drawers contains very strong lasers of different wavelengths.

“A normal confocal microscope scans lines of the image and it has the normal resolution,” Bickel explained. “But because of diffraction, any little dot that goes through the lens will not appear as just a dot, but will have some small rings around it. These lasers delete those rings so that only the center shines through. The entire microscope has to be very finely tuned, of course, and I still struggle with understanding how that can work because 30 nanometers is so small. You would think someone just walking in the room would lead to some vibration that throws it off, but somehow it doesn’t.”

The Leica Stellaris 8 Falcon STED Super resolution confocal microscope is such a rare piece of equipment that TTUHSC’s is one of just four in operation across the country. Bickel said researchers on the Amarillo campus use it daily from morning to night, and researchers from TTUHSC’s Abilene campus also are traveling more frequently to Amarillo to use the microscope. At the current rate of usage, Bickel expects the microscope will be used up to 1,300 hours during 2023.

Some of those hours will be logged by Bickel himself. The United States Department of Agriculture recently awarded a grant to Fernanda Trindade da Rosa, Ph.D., from the Texas Tech University (TTU) School of Veterinary Medicine. Bickel will work on the grant as a subcontractor.

For her study, Rosa will investigate how microRNAs (miRNAs) found in bovine colostrum (the very first milk that a cow feeds her calf) affects the ability of calves to fight infection during their first few weeks of life when their immune systems are most vulnerable. Gastrointestinal infections are one of the primary causes of death for several weeks after birth. Rosa’s hypothesis is that miRNAs, when they are in the gut of these calves, can modulate the immune response to infections.

Most of these miRNAs are found in natural liposomes known as extracellular vesicles. They are secreted from the cells in very small blocks that typically measure between 30 nanometers and one micrometer.

“With this grant, one aim is to use our super resolution confocal microscope to look at these miRNAs — these extracellular vesicles to be more precise — and label them with fluorescent dyes,” Bickel said. “We want to see when they are taken up by the epithelial cells (cells that line the inner and outer surfaces of certain areas of the body) in the gut and how they act.”

Bickel believes acquiring the Leica Stellaris 8 Falcon STED Super resolution confocal microscope represents a significant success story for TTUHSC, even before this latest collaborative subcontract with Rosa and TTU’s veterinary school. He said it was all due to the application he submitted to CPRIT that included the CVs of many TTUHSC investigators and descriptions of their ongoing research that would benefit from the microscope.

“I’m happy that we can make use of the instrument and showcase and expand the possibilities of collaboration with our vet school colleagues,” Bickel added. “This is hopefully just the beginning of many collaborative grants in the future.”

MACLAUGHLIN WINS ACCP EDUCATION AWARD



Eric MacLaughlin, Pharm.D., professor and chair of pharmacy practice at the Amarillo campus, received the Education Award from the American College of Clinical Pharmacy (ACCP) at the 2022 Global Conference on Clinical Pharmacy on October 16, 2022. The award recognizes members who have made substantial and outstanding contributions to clinical pharmacy education at the professional or postgraduate level.

IRONS RECEIVES ACCP OUTSTANDING ACHIEVEMENT AWARD



Brian Irons, Pharm.D., FCCP, BCACP, professor of pharmacy practice at the Lubbock campus, received the 2022 Outstanding Achievement Award from the ACCP Endocrine and Metabolism Practice Research Network (PRN) Nominations Committee at the PRN annual business meeting on Oct. 16. Irons is only the second member to receive this prestigious recognition and has become a pillar in both the history and future of the PRN.

DAS BECOMES MEMBER OF EDITORIAL BOARD



In April, Hiranmoy Das, Ph.D., professor of pharmaceutical sciences at the Amarillo campus, accepted an invitation to be a member of the Editorial Board of the Journal Diseases & Research. The invitation was made based on Das' research interests and academic achievements. Membership will allow Das to contribute a manuscript to the journal and share research outcomes on diseases.

KALLEM WINS AAPS BEST ABSTRACT AWARD



Rajareddy Kallem, Ph.D., associate lab director for the department of pharmacy practice was selected as one of the recipients of the 2022 American Association of Pharmaceutical Scientists (AAPS) Best Abstract award. The award brings attention to the most exciting research to be found in posters, based on abstracts that are submitted and screened before the event. Kallem's abstract, "A Targeted LC-MS/MS Method for Quantitative Tissue Distribution Analysis (QTDA) of Metabolomics in Tumors using Laser Microdissection," was ranked in the top 10% of abstracts by the AAPS Abstract Screening Committee.

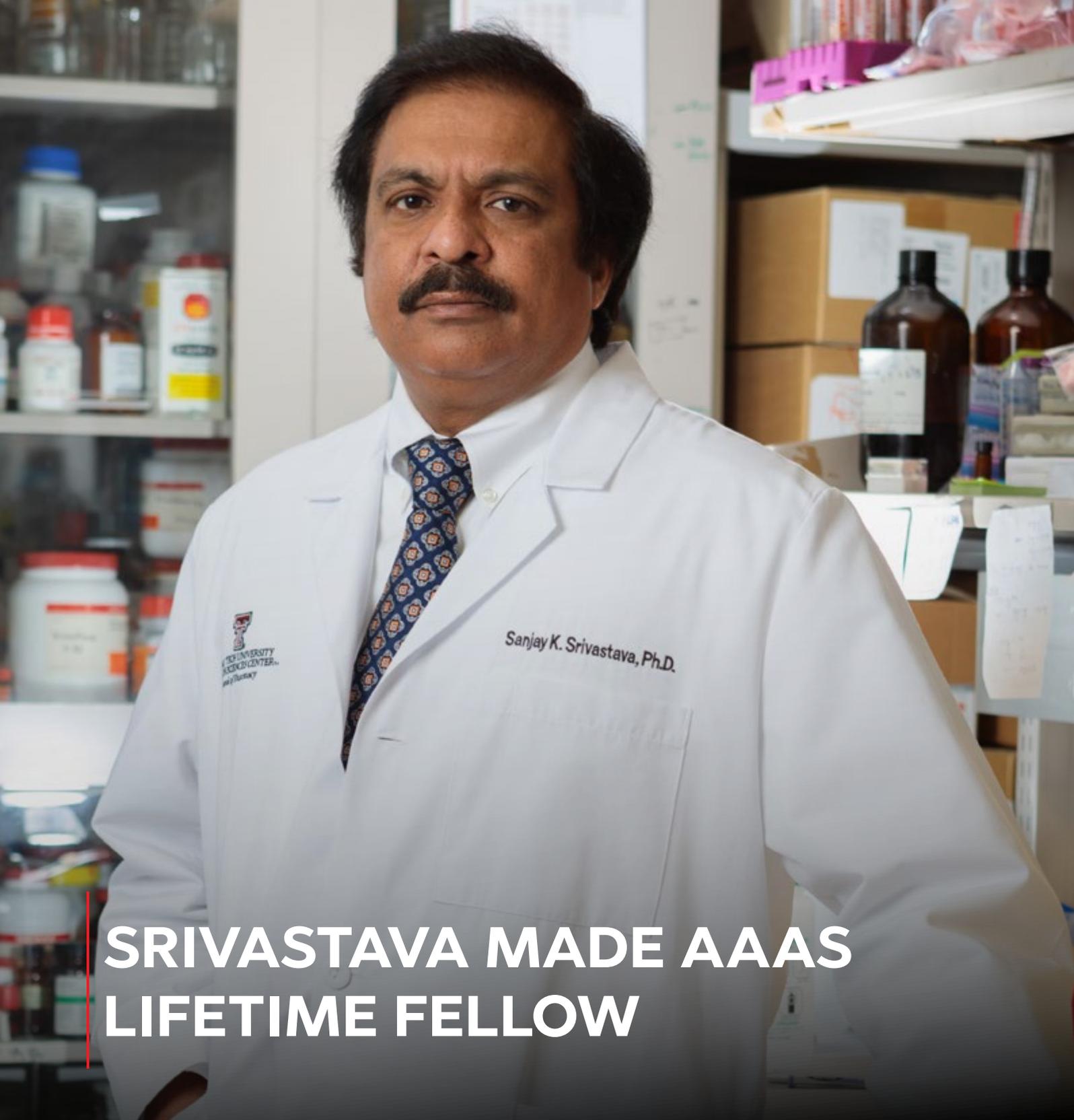


FACULTY MEMBERS GRADUATE FROM AACP ACADEMIES

In October, Irene La-Beck, Pharm.D., associate professor in the immunotherapeutics and biotechnology department, and Celine Zhong, Pharm.D., assistant professor in the pharmacy practice department, graduated from American College of Clinical Pharmacy (ACCP) academies.

La-Beck graduated from the leadership and management academy, which helps participants build leadership and management skills to guide and inspire others through the completion of 18 hours of core modules and eight hours of elective programming.

Zhong graduated from the teaching and learning academy, which helps clinical educators develop the skills necessary to guide and inspire the clinical pharmacy profession through the completion of 16 hours of core modules and four hours of elective programming.



SRIVASTAVA MADE AAAS LIFETIME FELLOW

Sanjay Srivastava, Ph.D., distinguished professor and chair of the immunotherapeutics and biotechnology department, was named a Lifetime Fellow of the American Association for the Advancement of Science (AAAS) in the Section on Pharmaceutical Sciences. Election as a Lifetime Fellow is a highly prestigious honor and is given to those who have made significant contributions to the advancement of science for the betterment of society.



COX BECOMES AACP PRESIDENT

In July, Craig Cox, Pharm.D., professor of pharmacy practice and vice chair of experiential programs at the Lubbock campus, began his American Association of Colleges of Pharmacy (AACCP) Presidency term. The honor was formally bestowed upon Cox at the AACCP annual meeting.

The AACCP provides leadership in enhancing the quality of education and training in its member institutions, which includes the 142 schools of pharmacy accredited by the Accreditation Council for Pharmacy Education as well as individual members.



AACP ALFP DEBATES

In March, Krystal Edwards, Pharm.D., professor in the pharmacy practice department at the Dallas campus and associate dean for career development, had the opportunity to take part in the American Association of Colleges of Pharmacy (AACCP) Academic Leadership Fellows (ALFP) debates at the INterim23 conference. The program wrapped with alumni fellows wearing costumes as they debated whether the academy should drive innovation in pharmacy practice and whether students are customers of the pharmacy school.



FACULTY AND STAFF NEWS AND RECOGNITION



WOOD ACCEPTED AS EDUCAUSE SCHOLAR

In October 2022, Robyn Wood, M.Ed., MPH, assistant director for the office of technology, was accepted as an EDUCAUSE scholar. EDUCAUSE is a nonprofit association whose mission is to advance higher education through the use of information technology. The scholarship award provided a complimentary registration for the EDUCAUSE 2022 Annual Conference that allowed Wood the opportunity for professional development.



NEW DIVISION HEAD OF ADULT MEDICINE NAMED

Craig Cox, Pharm.D., professor of pharmacy practice and vice chair of experiential programs at the Lubbock campus, was appointed as the new division head of adult medicine in January. Cox has a wealth of experience in teaching, clinical practice and leadership experience, and will continue his leadership of the experiential education office in addition to these duties.



DUNN NAMED CITIZEN ON THE MOVE

In February, Desmon Dunn was named a 2022 Citizen on the Move by the Amarillo Globe-News. Dunn is the basic science administrator at the Amarillo campus and an active volunteer and advocate for various organizations in the community.



AMARILLO CAMPUS NAMES NEW REGIONAL DEAN

In January, Krystal Haase, Pharm.D., was named regional dean of the TTUHSC Jerry H. Hodge School of Pharmacy.

Regional deans serve as administrative officers responsible for comprehensive programmatic delivery and the day-to-day operations of the regional campus. In addition to working with students, faculty and staff, regional deans also work with the dean on recruitment, collaborating with other schools and building community partnerships.

Prior to accepting this position, Haase served as a faculty member for 23 years, division head of adult medicine for ten years and program director for various residency programs in Amarillo, as well as a member of multiple committees and professional organizations.

THEKKUMKARA RETIRES, RECEIVES EMERITUS APPOINTMENT

Thomas Thekkumkara, Ph.D., retired at the end of March and received an Emeritus Professorship appointment in the pharmaceutical sciences department, effective April 1.

Thekkumkara, a University Distinguished Professor, joined the TTUHSC Pharmaceutical Sciences Department in July 2000 as an associate professor (tenure-track) after serving five years as a faculty member at the University of Colorado Health Sciences Center. He received his tenure in February of 2003 and was appointed associate dean for research at the School of Pharmacy seven months later. The same year, in recognition of his significant contributions to the development and progress of the School of Pharmacy, he was awarded the TTUHSC Distinguished Faculty Award. In September 2005, he was promoted to professor, and in 2009 he was appointed as the Amarillo regional dean of the School of Pharmacy.

During his time at the TTUHSC Jerry H. Hodge School of Pharmacy, he has also served as the department chair of biomedical sciences, senior associate dean of student affairs and admissions, and interim dean of the School of Pharmacy.

Thekkumkara, originally from India, is a graduate of Kanpur University. He moved to the United States in 1984 and joined the department of biochemistry at Case Western Reserve University as a postdoctoral fellow. He started his research career at the Cleveland Clinic Foundation, where he became interested in the biochemical and molecular mechanisms of action of the renin-angiotensin system. In 1991, he joined the Weis Center for Research at Penn State University College of Medicine and started his independent research. Since

then, he has developed a well-funded research program and published peer-reviewed manuscripts in journals of high impact and stature. Thekkumkara was the first faculty to bring an NIH-funded laboratory to the School of Pharmacy, and his research is widely recognized by the scientific community, as evidenced by higher than 2,600 citations of his published work and collaborations with national and international scientists. His recent study shows the effect of estrogen metabolite 2-methoxyestradiol on angiotensin receptor down-regulation and its potential benefits on blood pressure control.

Thekkumkara is a member of four professional scientific societies, including the American Society for Biochemistry and Molecular Biology, the American Physiological Society, the International Diabetes Federation (Life Member) and the American Heart Association. He has also been a recipient of the TTUHSC President's Research Achievement Award, the Texas Tech University Chancellor's Council Distinguished Research Award, and a three-time recipient of the School of Pharmacy Cardiovascular Pharmacotherapy Teaching Team of the Year Award.

During his 23 year tenure at TTUHSC, Thekkumkara has served as a research mentor and collaborator to many of our trainees and new faculty at critical times of research growth.



STAFF AND FACULTY HONORED AT EVENTS



In May, all four TTUHSC Jerry H. Hodge School of Pharmacy campuses participated in the annual Celebration of Achievement. The event recognized professional organizations, government accomplishments, students, faculty and staff, and included faculty and staff trivia.

Three staff members, Bridgett Gann (Abilene), Amanda Hines (Dallas), and Camille Stoddard (Amarillo), received the Staff Mentor Award for their campus, while Kristin Mauldin (Amarillo) and Rebecca Perry (Amarillo) received the Excellence in Staff Services Award.



For Faculty, Teachers and Teaching Teams of the Year were recognized for each of the P1–P3 classes. The awardees for each class are as follows:

The P1 class named Dawn Kochanek as Professor of the Year. The Biological Foundations in Pharmacy and Patient Assessment with Lab team, made up of Brett Bessac, Kaci Bohn, Lisa Chastain, Lindsey Courtney, Emily Eddy, Mary Klein, Dawn Kochanek, George Jacob, Russell Snyder and Alaina Van Dyke, was named the Teaching Team of the Year.

The P2 Class named Debra Notturmo-Strong as Professor of the Year. The Cardiology Pharmacotherapy team, made up of Mahmoud Ahmed, Lisa Chastain, Krystal Haase, Shawn Jones, Vardan Karamyan, Eric MacLaughlin and Maciej Markiewski, was named the Teaching Team of the Year.

The P3 class named Chris Selby as Professor of the Year. The Neurosensory/Psychiatric Pharmacotherapy team, made up of Amie Blaszczyk, Anna Karamyan, Monica Mathys, Quentin Smith and James Stoll, was named the P3 Teaching Team of the Year.

The P4 class selected Siva Koganti as the Most Influential Professor. He received his award—which recognizes the faculty member who has had a significant impact on the student body and exhibited superior leadership, dedicated service and teaching excellence—at the Class of 2023 Graduation Ceremony.



TEAM MEMBERS RECOGNIZED FOR YEARS OF SERVICE

Twenty-five TTUHSC Jerry H. Hodge School of Pharmacy team members were recognized for their years of service to Texas Tech University Health Sciences Center at events on each campus over the summer.

Years of Service Awards are presented based on a team member's length of service with the institution in five-year increments. Honorees receive a certificate and distinctive pin designating the appropriate years of service to commemorate the occasion. The 2023 recipients included:

25 YEARS - Paula Breeding and Charles Seifert, Pharm.D.

20 YEARS - Krystal Edwards, Pharm.D.; Ronald Hall, Pharm.D.; Nga Nguyen; and Kalkunte Srivenugopal, Ph.D.

15 YEARS - Randi King, B.A.; Mary Klein, Pharm.D.; Molly Minze, Pharm.D.; and Russell Snyder, Ph.D.

10 YEARS - Trista Bailey, Pharm.D.; Nakia Duncan, Pharm.D.; Heather Grubb; Amanda Hines; Susan King; Rebecca Mahan; Kristin Mauldin; and Brian Terrell, Pharm.D.

5 YEARS - Randall Best, B.S.; Sami Nazzal, Ph.D.; Anita Owens; Jalpa Patel, B.S.; Aaron Perkins, M.S.; Indhumathy Sankar Subramaniyan, M.S.; and Christopher Selby, Pharm.D.

FOUR STAFF MEMBERS RETIRE

The School of Pharmacy had four valued staff members retire during the timeframe of this report.



TONI JOHNSON, 12 YEARS

Johnson joined the School's Experiential Programs Office in 2010. In early 2012, she accepted a position in the Amarillo Regional Dean's Office, where she remained until her retirement in December 2022.



JOYCE MOORE, 11 YEARS

Moore served as the coordinator for the Office of Sciences for 11 years. As such, she offered student support, provided graphics for department web pages, acted as bookkeeper, and coordinated seminars and events until her retirement in December 2022.



LISA MILLER, 10 YEARS

Miller served as the business manager for the Office of Sciences for ten years and was with TTUHSC for over 15 years. As the business manager, she helped with research grant applications, grant and budget management, large equipment procurement for the research cores and more. Miller retired in December 2022.

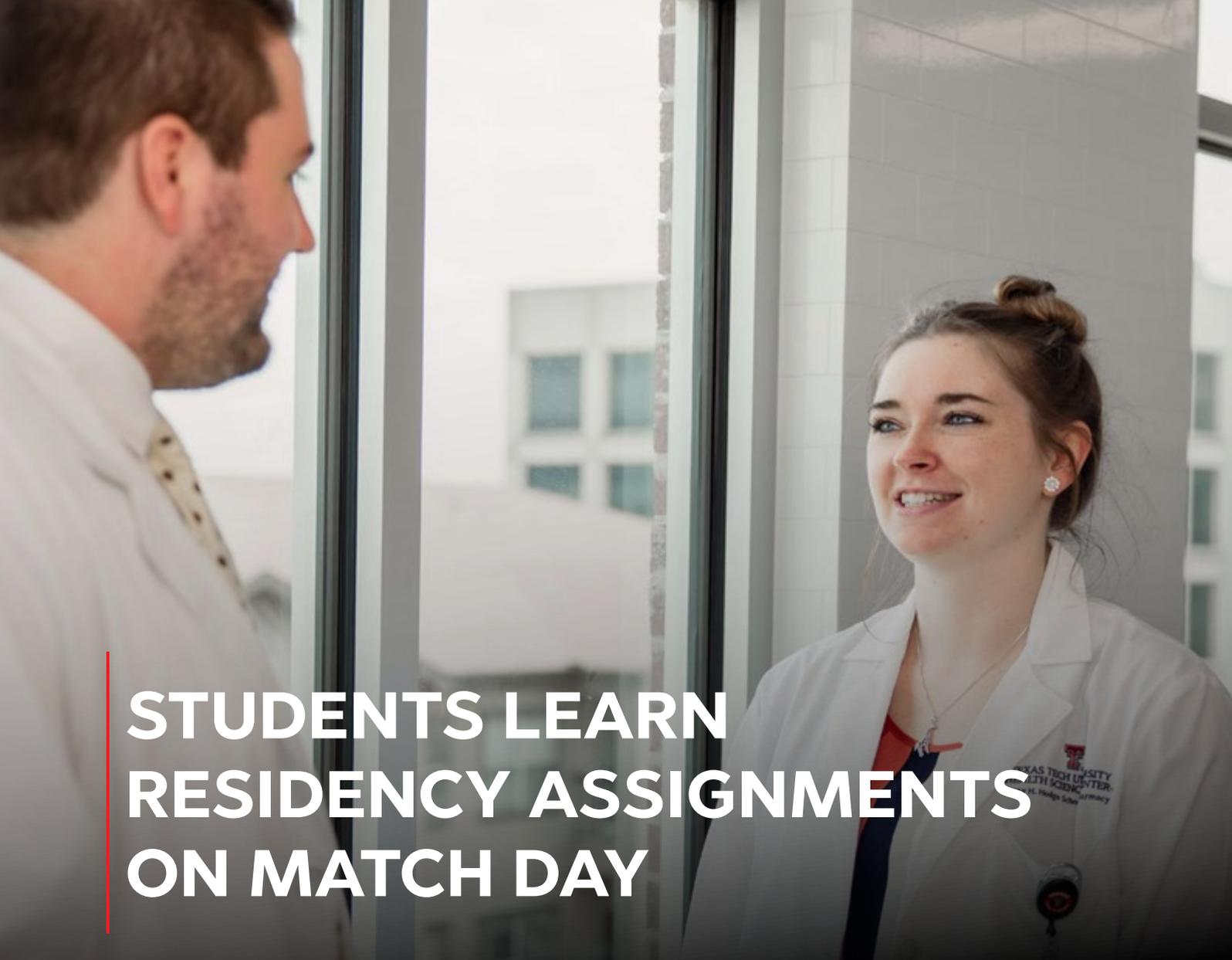


JANNETTE MAREK, 9 YEARS

Marek served TTUHSC in various positions for more than 20 years. She began her time with the School of Pharmacy in the Dean's Office, was an accountant in the Finance and Administration Office, and worked in the Accreditation and Assessment Office before becoming the assistant dean for finance and administration in October 2014. Marek retired in April 2023.

A photograph of a female student in a white lab coat working in a laboratory. She is smiling and looking down at a glass beaker on a lab bench. The entire image is overlaid with a semi-transparent red filter. In the background, other students in lab coats are visible, working at their stations. The text 'STUDENT ACHIEVEMENTS' is printed in large, bold, white capital letters on a dark red rectangular background in the lower right quadrant of the image.

STUDENT ACHIEVEMENTS



STUDENTS LEARN RESIDENCY ASSIGNMENTS ON MATCH DAY

Fourth-year pharmacy students interested in completing a residency after they graduate, learned where they would spend the next stage of their training during the Pharmacy Residency Match Day on Wednesday, March 15.

A total of 5,730 fourth-year pharmacy students from across the country applied for one-year postgraduate year (PGY-1) residency programs, and 74.9% were successfully matched. A combined 50 students from all four TTUHSC Jerry H. Hodge School of Pharmacy campuses participated in the program; 43 students (86%) were successfully matched, and two students found placements outside of the match process. An additional 3 students secured residency matches during Phase II of the process. Students who matched with residency programs include:

PGY-1 Pharmacy

- Nassim Aghassibake, Ochsner LSU Health Shreveport
- Mahbouda Ahmadi, UT Southwestern Medical Center
- Radiya Ali, Hackensack University Medical Center
- Kate Ball, Cook Children's Medical Center
- Aimee Bautista, CHRISTUS St. Michael Health System
- Jacee Billings, Tuscaloosa VA Medical Center
- Meghan Connolly, BSA Health System
- Stephen Davies, Duke Regional Hospital
- Amara Dike, VA Texas Valley Coastal Bend

- Kaitlin Doan, VA North Texas Health Care System
- Savannah Ellis, Providence Regional Medical Center
- Berkley Freund, St. Joseph Health Regional Hospital
- Rachel Frank, Medically-Integrated Oncology Pharmacy – Texas Oncology
- Matthew Gehrlein, Methodist Hospital and Methodist Children's
- Amber Gilani, Texas Health Presbyterian Dallas
- Lexie Greenwood, West Texas Veterans Affairs Medical Center
- Colin Howard, Baylor Scott & White Medical Center
- Minitha Jacob, JPS Health Network
- Vrajesh Kanchawala, Odessa Medical Center Health System
- Eric Kennison, Intermountain Healthcare
- Maverick King, VA North Texas Health Care System
- Rodney Kumi, Option Care Health, Boston Massachusetts
- Hay Lee, Wadley St. Joseph Health Regional Hospital
- Jensen Limer, VA Central Virginia Healthcare System
- Sweta Mishra, VA North Texas Health Care System
- Zenobia Okwunwanne, Miami VA Healthcare System
- Ifedayo Omoniyi, West Texas Veterans Affairs Medical Center
- Nashia Rahman, Doctors Hospital at Renaissance Health
- Tristan Renfroe, Ascension St. John Medical Center
- Mina Seo, UT Southwestern Medical Center
- Jennifer Siebenberg, Children's Health Children's Medical Center
- Rachel Smith, University of New Mexico Hospitals
- Holly Sohns, Baylor Scott & White Medical Center
- Jasmine Stinson, University of California San Diego Health
- Diana Tezock, UT Southwestern Medical Center
- Thomas Tran, BSA Health System

PGY-1 Community

- Jamie Alvarado, Baylor Health Enterprises
- Emily Conard, Baylor Health Enterprises
- Aizelle Gaddi, Baylor Health Enterprises
- An Hoang, Randall's Pharmacy /Texas A&M University

PGY-1 Indian Health Service

- Christopher Mariano, Choctaw Nation Health Care Center

PGY-1/2 Pharmacotherapy

- Lindy Burnam, TTUHSC Jerry H. Hodge School of Pharmacy

PGY-1/2 Health System Pharmacy Administration and Leadership with Master's

- Ashlie Christian, The University of Kansas Health System
- Alexis Hyman, Houston Methodist Hospital
- Lakyn Lucio, University of Iowa Hospitals & Clinics
- Reena Maheshwari, Harris Health System
- Taylor Scroggins, University of North Carolina Medical Center
- Maura Shaffer, AdventHealth Orlando

SIX STUDENT SECURE FELLOWSHIPS

The TTUHSC School of Pharmacy Class of 2023 had six students, the highest number of students to date, secure fellowship positions upon graduation. Those students and their fellowships include:



Faatimah Arshad - UNC-GSK Regulatory Affairs Fellowship in Oncology

Somto Egbunu - Worldwide/US Medical Affairs Immunology, Dermatology & Rheumatology at Bristol Myers Squibb (BMS) in conjunction with Rutgers Institute for Pharmaceutical Industry Fellowships (RPIF)

Hedieh Khandan Rooshakib - Post-doctoral fellowship position in Medical Affairs/Medical Communications with Relevate Health



Namra Malek - Postdoctoral Fellow in Medical Affairs and Scientific Communications with ECIR Medical Communications

Maxwell Okunrobo - Clinical Residency/Industry Fellowship Program with Bristol Myers Squibb in conjunction with Florida A&M University

Jide Sotunbo - Eli Lilly's Visiting Scientist Fellowship in Clinical Development – Design Hub



P3S EARN MBA DEGREES

On Friday, May 12, 12 third-year students at the School of Pharmacy received their MBA degrees at the Texas Tech Rawls College of Business commencement ceremony. Each of these students is a part of the Pharm.D./MBA dual degree program that allows students to earn both their MBA and Pharm.D. degrees in just four years.

COMPETITION AWARDS

MOHIUDDIN PLACES SECOND AT NIH RESEARCH SCHOLAR PROGRAM



Khadijah Mohiuddin, a P2 on the Dallas campus, was accepted to the 2022-2023 NIH All of Us Research Scholar Program. The virtual, eight-month program champions student researchers from underrepresented communities in an effort to increase diversity in the biomedical workforce, and provided Mohiuddin the opportunity for significant mentorship, support and hands-on experience.

Mohiuddin went on to place second in the graduate/professional school category at the 2023 NIH Research Scholar Program. This placement allowed Mohiuddin to present her research, which was aimed towards assessing diabetes and cardiovascular risk in women, at the All of Us convention.

MUSHAROF WINS APHS-ASP COMPETITION



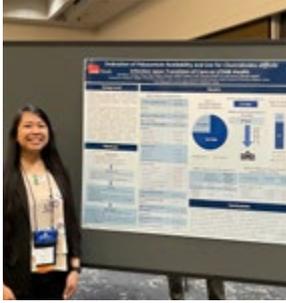
Afsana Musharof, P2 at the Dallas campus, placed first at the American Pharmacists Association Academy of Student Pharmacists (APhA-ASP) Counseling Competition. Musharof then went on to represent the School of Pharmacy at the national competition in March.

STUDENTS PLACE IN TOP FIVE AT SNPHA COMPETITION

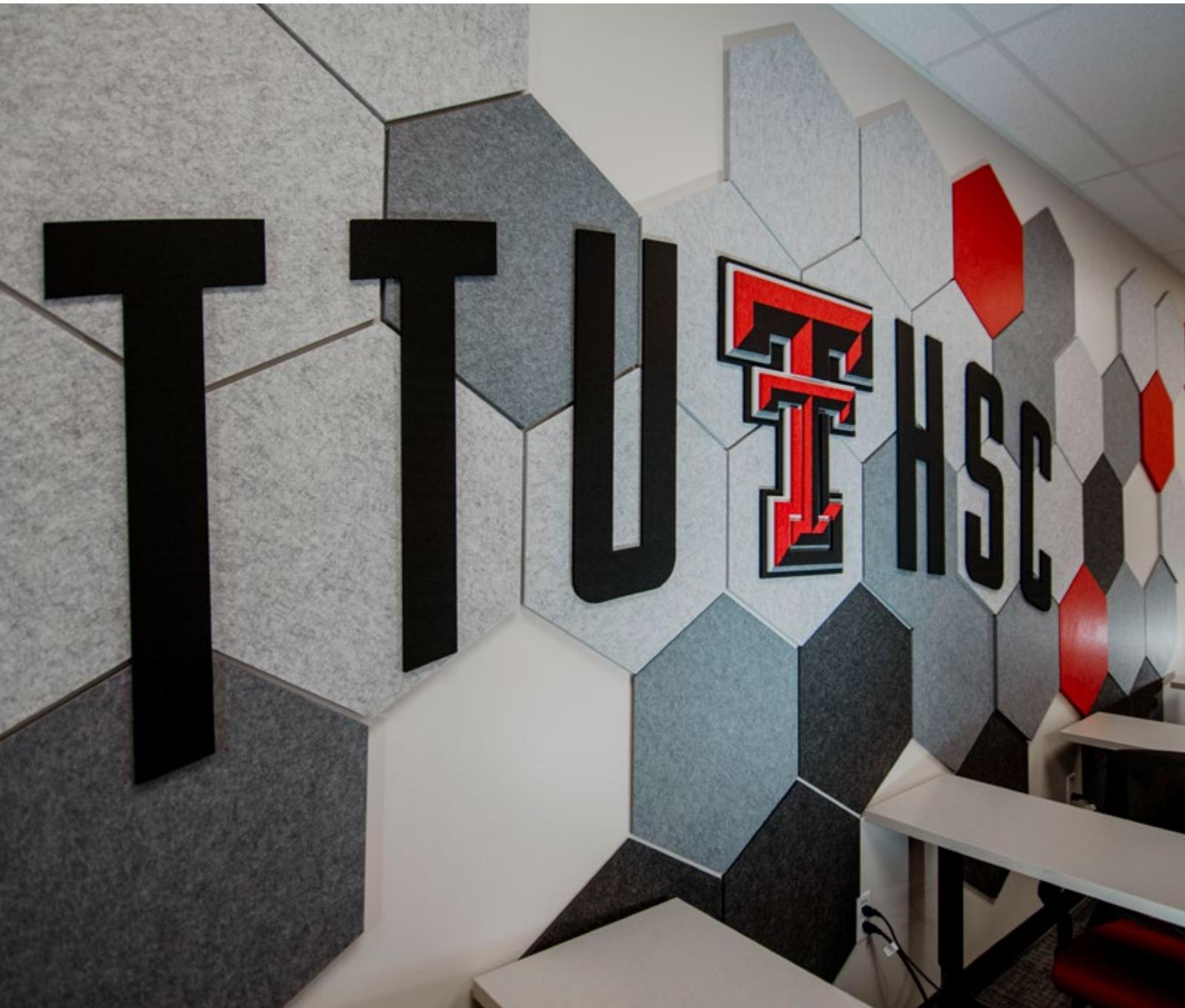


Five students from the TTUHSC Student National Pharmaceutical Association (SNPhA) Chapter applied for the Prescription for Service (P4S) national competition sponsored by Walmart. The group, which included Tina Thai, Parker Lenheiser, John Huynh, Alán Nguyen and Daisy Doan, placed in the top five teams and was granted \$2,500 to implement the service project they created to have a lasting impact on an underserved community. They went on to present their project to the Walmart judges at the SNPhA/NPhA National Conference in July.

TSHP FULL OF FIRSTS FOR PHAM



Jennifer Pham, P4 at the Abilene campus, had many firsts at the Texas Society of Health-System Pharmacists (TSHP) Annual Seminar. Jennifer and her teammate, a P4 from the University of Houston, were awarded first place in the Clinical Skills Competition. As a first-time poster presenter, she shared her study, "Evaluation of Fidaxomicin Availability and Use for Clostridioides Difficile Infection Upon Transitions of Care." Jennifer was also awarded the Sidney Phillips Memorial Scholarship from the TSHP R&E Foundation, making her the first TTUHSC student to receive the honor.



LEADERSHIP AND HONORS



AACP AWARDS BILLINGS WALMART SCHOLARSHIP

Jacee Billings, P4 on the Abilene campus, was selected by the American Association of Colleges of Pharmacy (AACCP) as one of 10 inaugural recipients of Walmart's Health Equity Scholarship out of a pool of nearly 700 applicants. The scholarship recognizes leadership, academic success and commitment to serving rural or medically underserved patient populations upon graduation.



STUDENTS PARTICIPATE IN BETTY FORD PARTNERSHIP PROGRAM

In April, P4s Lakyn Lucio and Taylor Scroggins had the opportunity to be a part of the Medical Education Partnership Program at the Hazelden Betty Ford Center in Rancho Mirage, Calif. The program creates an immersive experience that teaches about addiction medicine-related interests, and is designed to help equip participants with the knowledge, tools and insight to promote healing and lasting recovery.



STUDENT HAS PAPER PUBLISHED

Haseeb Foroghi, Pharm.D. and Class of 2023 graduate, had an article he worked on as a student, titled "A Novel Way of Treating Schizophrenia, published in *Pharmacy Times*. Rachel Basinger, Pharm.D., assistant professor of pharmacy practice at the Dallas campus, served as co-author of the article.



ARNETT BECOMES ACVP BOARD MEMBER

Alexandria Arnett, P2 at the Dallas campus, was selected over student applicants from across the country as the Student Pharmacist Board Member of the American College of Veterinary Pharmacists (ACVP) for 2023-2024. Arnett chartered the American College of Veterinary Pharmacists - TTUHSC Dallas student chapter in 2022. In addition, she has held several leadership positions in pharmacy organizations.



STUDENT ACHIEVEMENTS HONORED



On Thursday, May 11, all four of our campuses participated in the annual Celebration of Achievement. During the event the hard work and accomplishments of professional organizations, government, students, faculty and staff were acknowledged. Student award recipients included:

Savannah Ellis, P4 at Lubbock; Berkley Freund, P4 at Abilene; Jasmine Stinson, P4 at Dallas; and Thomas Tran, P4 at Lubbock; received the Outstanding Clinician Award.



Ikechukwu Achonye, P3 at Amarillo; Alexandria Arnett, P2 at Dallas; Eric Kennison, P4 at Lubbock; and Maura Shaffer, P4 at Abilene; received the Student Role Model Award.

Xavier Cerde, P4 at Amarillo; Faith Windham, P3 at Abilene; Shelby Zachary, P4 at Lubbock; and Kevin Zhang, P4 at Dallas; received the Outstanding Patient Advocate Award.

Gracie Daniels, P3 at Abilene; Jennifer Hale, P2 at Amarillo; Lakyn Lucio, P4 at Lubbock; and Alan Linh Nguyen, P2 at Dallas; received the Outstanding Service Award.



Taylor Boyd, Dallas; Jonathan Chacko, Abilene; and Grace Onaiwu, Amarillo; received the P1 Go Getter Award.

Denise Anderson, Abilene; Duke Cullins, Amarillo; and Senahid Selimovic, Dallas; received the P2 Rising Clinician Award.

SCHOLARSHIP AWARDS

TTUHSC Jerry H. Hodge School of Pharmacy students were awarded the following scholarships for the 2022-2023 school year.

Abilene General Scholarship: Amalia Akwar; Denise Anderson; Margie Arebalo; Shiva Azar Goshasb; Benjamin Baker; Jacy Bien; Jacee Billings; Sarah Casselberry; Sarah Copeland; Nam Dam; Gracie Daniels; Stephen Davies; Charles Ditmore; Mya Doan; Brycen Drenon; Rachel Frank; Heather Hillert; Jessica Honey; Alexis Hyman; Jensen Limer; Jenan Mahmoud; Oluwatoni Makinde; Traylor Moses; Oluwanbo Olanrewaju; Jennifer Pham; McKaela Ritchey; Zairy Sanchez Lozano; Maura Shaffer; Talmage Smith; Holly Sohns; Elaina Spriggs; Taylor Stark; Abraham Stone; Faith Windham; Taeryn Woods; Shelby Zachary

Adcox: Cole Jackson; Tressie Thomas

Albertsons: Think Nguyen

Amarillo Area Foundation: Karli Ammons; Chandler Batson; Abigail Boehning; Ariana Borunda; Chandler Boyd; Rylee Brown; Lindy Burnam; Addison Burrier; Jonathan Chavez; Colby Coiner; Lauren Covey; Duke Cullins; Suha Garasia; Emily Garcia; Aide Gonzales; Jennifer Hale; Tylor Henderson; Taylor Henderson; Roberto Jimenez Delgado; Brayden Key; Rumana Khan; Whitlee LaRue; Taylor Le; Seng Mai; David Mara; Robert Martinez; Tess Maxfield; Quoc Trieu Nguyen; Grace Onaiwu; Olivia Reeb; Michaela Reynolds; Genesis Sanchez; Jacob Sanchez; Laura Schenk; Kamren Shelton; Logan Springer; Reng Thanga; Alexander Thompson; Thomas Tran; Thanh Trinh; Sritej Veeramachaneni; Madelynn Villanueva; Peter Vu; Jayci Westphal; Huiyan Yang

Bexar County Pharmaceutical Association: Margie Arebalo

Byrd Family: Duke Cullins

C.H. Foundation: Eric Kennison

CAB Bond: Oluwatoni Makinde

Carnes-Hollingsworth: Hong Tran

Collins: Anita Yazdani

Cox: Joshua San Juan

CVS: Brycen Drenon; Amanda Fraser; Chelsea Johnson

Davidson: Stephen Davies

Dean's: Kermena Abdelmeseeh; Promise Aguwa; Reagan Bills; Rachel Blanchard; Abigail Boehning; Kyah Bowens; Addison Burrier; Lauren Covey; Cecily Elliott; Suha Garasia; Gracie Gore; Nusaiba Hamsho; Darian Higgins; Linh Hoang; Ruth Kaheti; Ashley Kelly; Whitlee LaRue; Kaleigh Lawler; Taylor Le; Conner Massenburg; Jennifer Mejl; Kylie Miller; Jared Selman; Andrea Strohl; Reng Thanga; Van Hung Tran

Dean's Leadership: Mary Ball; Tess Maxfield; Rachel Smith

Dozier: Jacee Billings

Eckerd: Conner Massenburg

Gerald Holman: Megan Bareis

HEB: Abdul Rashid Nur

HEB Scholarship Program: Mahsa Helforoush

Innovation Pharmacy Scholarship: Ashlie Christian; Roberto Jimenez Delgado; Rebecca Morris; Cole Sanfilippo

Kent Hance: Kyujin Lim

Make-A-Difference: Harmony Mognessoh Kouadio; Raj Mehta; Dejene Mideksa; Hong Tran

MedcoHealth Solutions: Amber Gilani; Hedieh Khandan Rooshakib; Faith Windham

Michael Patry Memorial: Minsu Kim

National Association of Boards of Pharmacy:

Ashlie Christian

Nelson: Mahsa Helforoush

Presidential: Kermena Abdelmeseeh; Oluwabusayo Adedeji; Promise Aguwa; Naomi Alvarez; Marilyn Asika; Newar Barwari; Rachel Blanchard; Kyah Bowens; Taylor Boyd; Jesse Burnett; John Cao; Jonathan Chacko; Landon Cook; Karam Dalawy; Cecily Elliott; Krishlene Fabia; Daniel Flores; Joselyne Fraire; Valeria Garcia; Elaina Garza; Danny Gil; Jake Hall; Zainab Hamid; Nusaiba Hamsho; Reiley Hertlein; Linh Hoang; Youssef Ibrahim; Ruth Kaheti; Devi Kasturi; Ashley Kelly; Rameesha Khan; Oluwatosin Komolafe; Nyah MacCarthy; Mena Masry; Conner Massenburg; Hannah Mays; Jennifer Mejil; Jordan Miller; Maxwell Moore; Noor Mreiden; Alvin Muketiwa; Kristen Nguyen; Ife Otukoya; Zachary Ozuna; Nirav Patel; Ryan Patman; Anna Priester; Jaelyn Sanchez; Cole Sanfilippo; Travis Schubert; Jared Selman; Michelle Shisabilo; Shamaa Siddiqui; Aamhad Stewart; Andrea Strohl; Richard Thiam; Van Hung Tran; Alysha Tran; Jamyah Vaughn; Kiara Young; Rhea Zaib

Purdue Pharma: Tyler Mullin

Roberta High: Hayden Vogler; Alexis Wade

Rural Health: Denise Anderson; Jacy Bien; Reagan Bills; Akosua Boateng; Abigail Boehning; Ariana Borunda; Sarah Casselberry; Felicia Chavez; Amy Cox; Gracie Daniels; Charles Ditmore; Daniel Flores; Lawrence Gikher; Amber Gilani; Chloe Grabenhorst; Irina Gradinaru; Ashley Gregory; Payman Haghir; Jennifer Hale; Heather Hillert; Linh Hoang; Jessica Honey; Whitlee LaRue; Taylor Le; Jensen Limer; Lakyn Lucio; Tess Maxfield; Hannah Mays; Dejene Mideksa; Jordan Miller; Rebecca Morris; Traylor Moses; Tyler Mullin; Joel Muth; Oluwanbo Olanrewaju; Brenda Ortega; Dylan Pettit; Cheyanna Petty; Tristan Renfro; Michaela Reynolds; Joshua San Juan; Laura Schenk; Denise Serna; Kamren Shelton; Taylor Stark; Tressie Thomas

Safeway: Luis Contreras; Olivia Reeb

SOP Abilene: Rachel Frank

SOP Academic Excellence: Raj Mehta; Afsana Musharof; Sarah Tran; Kevin Zhang

SOP Alumni Pioneers: Quoc Trieu Nguyen

Stanley M. Reinhaus Family Foundation: Janelle Agolue; Valeria Garcia; Tuan Phuong (Nam) Le; Haya Shakarchi

Stockton: Rebecca Morris

Sybil B. Harrington: Chandler Batson; Reagan Bills; Blayne Boyd; Rylee Brown; Colby Coiner; Duke Cullins; Darian Higgins; Bryan Hoang; Weitian Jiang; Whitlee LaRue; Taylor Le; Robert Martinez; Sydnie McClendon; Kylie Miller; Michaela Reynolds; Joshua San Juan; Jacob Sanchez; Kamren Shelton; Hiep Trinh; Audrey Warner; Peter Zhao

Tarrant County Pharmaceutical Association: Zainab Hamid

TTUHSC Amarillo Advisory Board: Nkechi Amadi

Turner: Cheyanna Petty

United Supermarkets: Amy Cox; Harmony Mognessoh Kouadio; Shakiba Shahabi; Thanhthanh Thai

Verne Cooper Foundation Scholarship: Megan St. Amour

Walgreens: Gerardo Cerde; Brenda Ortega

Walmart: Jacee Billings

West Texas Pharmacy Association: Jacy Bien; Jacee Billings; Travis Cain; Sarah Casselberry; Duke Cullins; Gracie Daniels; Heather Hillert; Mary-Suong Le; Traylor Moses; Katie Phelan; Avery Queen; Emmanuel Reynoso; Maura Shaffer; Hiep Trinh; Hayden Vogler; Faith Windham

Willie I., Wanda and W.F. Martin: Amalia Akwar; Denise Anderson; Shiva Azar Goshasb; Benjamin Baker; Jacy Bien; Jonathan Chacko; Landon Cook; Sarah Copeland; Cecily Elliott; Krishlene Fabia; Daniel Flores; Joselyne Fraire; Danny Gil; Jake Hall; Heather Hillert; Jessica Honey; Alexis Hyman; Ashley Kelly; Conner Massenburg; Hannah Mays; Jordan Miller; Maxwell Moore; Oluwanbo Olanrewaju; Ife Otukoya; Nirav Patel; Ryan Patman; McKaela Ritchey; Michelle Shisabilo; Taylor Stark; Abraham Stone; Andrea Strohl; Richard Thiam; Taeryn Woods; Shelby Zachary



EVENTS AND COMMUNITY



CLASS OF 2026 WELCOMED

In August 2022, we welcomed the 100-member Class of 2026 with white coat ceremonies at the Dallas, Amarillo and Abilene campuses. The annual events invited family members and friends to watch as the school's incoming students receive their traditional white pharmacy coats, sign the Pharmacist Code of Conduct and recite the Oath of a Pharmacist for the first time. For incoming students, receiving the white coat is a reminder of the commitment they are making to an honorable and trusted profession.

The Dallas ceremony, held Aug. 6, included 55 incoming first-year students. Amarillo's 24-member Class of 2026 attended their ceremony on Aug. 13 and Abilene's 21-member class attended their ceremony on Aug. 14.



ANNUAL LEADERSHIP RETREAT BRINGS STUDENTS TOGETHER

Students from all four TTUHSC Jerry H. Hodge School of Pharmacy campuses attended a three-day student leadership retreat at the Dallas campus in August 2022. The theme for the retreat was "BELIEVE - Leadership and Team Lessons," and students who attended learned the basics of leadership and how to apply skills to professional interactions and activities. The retreat kicked off with a service project at Austin Street Center where students painted rocks, moved equipment, sorted donations, washed and packed clothing for shelter members and held large and small group sessions, team building and networking activities.

ABILENE HOLDS ANNUAL RESEARCH SYMPOSIUM



In September 2022, the immunotherapeutics and biotechnology department hosted the Fifth Annual Abilene Interdisciplinary Symposium on Cancer and Biomedical Research.

The event brought researchers from local universities and colleges together to talk about research and build collaborations. It included a keynote address from Khalid Shah, MS, Ph.D., professor and vice-chair for research, neurosurgery at Harvard Medical School; and seven distinguished speakers from various campuses and practice sites. The event concluded with poster presentations from students.

TAILGATE CONNECTS TTUHSC PHARMILY



The Lubbock Student Council hosted a School of Pharmacy Tailgate for the October 22 Texas Tech vs West Virginia game at Jones AT&T Stadium. During the event, alumni, students, team members, friends and the Texas Tech University Pre-Pharmacy Organization enjoyed food and drinks courtesy of United Supermarkets. The family-friendly event also offered games and networking leading up to the big game.

CAREER FAIR CONNECTS STUDENTS WITH POTENTIAL EMPLOYERS



The annual TTUHSC School of Pharmacy Career Fair assisted 138 third and fourth-year students from across all four campuses in their search for what comes after pharmacy school. The two-day event, held in October, offered students the opportunity to interact one-on-one with 10 community pharmacies, 50 residency and fellowship programs, a research institute and a financial planning company about potential career pathways and preparation. Students also had the opportunity to take advantage of 10 different career development workshops and training sessions to help them prepare for landing the job or placement they desired. On day two, seven pharmacy companies conducted 155 interviews with fourth-year students interested in job opportunities.



STUDENTS PRESENT AT ASHP MIDYEAR

TTUHSC Jerry H. Hodge School of Pharmacy was well represented at the American Society of Health-System Pharmacists (ASHP) Midyear 2022 Clinical Meeting & Exhibition in Las Vegas, Nev., with students presenting 17 posters over various topics. Presenting a poster at the ASHP Midyear Clinical Meeting is a noteworthy accomplishment.

STUDENTS, FACULTY REPRESENT TTUHSC AT ASCP



In November, TTUHSC Jerry H. Hodge School of Pharmacy students and faculty presented posters at the American Society of Consultant Pharmacists (ASCP) annual meeting in San Antonio. Poster presentations were given by P4 students Jacee Billings and Maura Shaffer. Faculty members Trista Bailey, Pharm.D., associate professor of pharmacy practice and Becky Mahan, Pharm.D., assistant professor of pharmacy practice, presented posters and educational sessions, respectively. Several of our students were also in attendance for the meeting.

PHARMACY DAY AT THE CAPITOL



In February, several of our students had the opportunity to join faculty members for Texas Pharmacy Day at the Capitol. The day brought hundreds of pharmacy professionals together to meet with legislators and contribute to promoting and advancing the pharmacy profession.

FACULTY RETREAT



In May, faculty members from all four campuses gathered at the Amarillo campus for a three-day retreat that was planned by the Faculty Development Committee. During the retreat, faculty took part in team building, development and training sessions, worked with staff council and finished the week with graduation ceremonies for the Class of 2023.



On May 20, the TTUHSC Jerry H. Hodge School of Pharmacy Class of 2023 received their Pharm.D. degrees at the Amarillo Civic Center Auditorium in front of a crowd of proud family and friends.

Of the 150 graduates who made up the class of 2023, 51 had committed to residency programs, six were headed to fellowship programs, 29 received Pharm.D./MBA dual degrees and two received honors in research designations.

Class of 2001 alumnus and distinguished alumni award recipient Shawn Hodges, Pharm.D., delivered an inspiring commencement address.

Prior to the ceremony, graduates and their guests were invited to a celebratory breakfast where awards were presented to several students for their accomplishments and efforts during their time at the School of Pharmacy.

Kevin Zhong earned the Class of 2023 Banner Bearer award as the graduate with the highest four-year grade point average. As the Banner Bearer recipient, Zhong carried the Jerry H. Hodge School of Pharmacy banner and led the class during commencement exercises.

Eric Kennison received the Bowl of Hygieia, the internationally recognized symbol for the pharmacy profession that signifies pure and potent medicines. This award is presented annually to the graduating class member who is deemed to best exemplify the qualities most desirable in a pharmacist: leadership, high ethical standards, dedication and promotion of the pharmacy profession.



Other Class of 2023 graduates honored for their performances in both the classroom and clinical settings included:

Community Outreach Award of Excellence: Maura Shaffer

Excellence in Ambulatory Care Award: Emily Conard

Excellence in Community Practice Award: Sydnie McClendon

Excellence in Correctional Managed Care Award: Lindy Burnam

Excellence in Geriatrics Award: Jacee Billings

Excellence in Inpatient Clinical Practice Award: Nassim Aghassibake and Amie Bautista

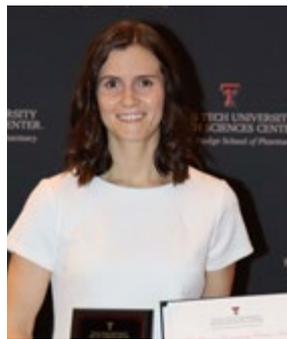
Excellence in Pediatrics Award: Lindy Burnam

Hannah L. Thompson Perseverance Award: Chamini Mahawewa

Superior Patient Care Award: Mahsa Helforouh

Viatrix Excellence in Pharmacy Award: Karli Ammons

Wolters Kluwer Excellence in Clinical Communication Award: Tess Maxfield Stephens





TEAM MEMBERS REPRESENT TTUHSC AT AACP ANNUAL MEETING

Nearly 20 Jerry H. Hodge School of Pharmacy team members attended the American Association of Colleges of Pharmacy (AACP) Annual Meeting, with several presenting posters. Presentations included:

- Ashley Selby, Krystal Edwards, Amanda Hines, Mary Klein and Kenna Payne: “Student Engagement in a Pop Culture-Themed Leadership Retreat”
- Sonya Sherrod and Rebecca Sleeper: “Analysis of Repeat Exam Item Performance as a Proposed Measure of Concept Retention”
- Craig Cox, Jean Haynes and Kristin Mauldin: “Preceptor Week: Mini-Sessions to Promote Preceptor Development”
- Krystal Edwards and Academic Leadership Fellows Program (ALFP) co-authors: “ALFP Debate: Are Pharm.D. Students Customers of Schools of Pharmacy?”
- Krystal Edwards: “Freudefreude as a Foundation for Fostering a Positive Leadership Mindset”
- Molly Minze: “Preparing the Incoming Students for Success”
- Molly Minze and colleagues from other schools: “From Tradition to Transformation: Strategies for Student Success”



SERVICE



MEDICATION CLEANOUTS BENEFIT TTUHSC COMMUNITIES AND STUDENTS

During the 2022-2023 school year, the Texas Panhandle Poison Center (TPPC), managed by the TTUHSC Jerry H. Hodge School of Pharmacy, hosted six Medication Cleanout™ events in Abilene, Amarillo and Lubbock. The biannual collections provide residents a free way to safely to dispose of unwanted and unused medications in an environmentally conscious manner.

The six collections yielded impressive results for the year, with thousands of cars showing up to dispose of more than 7,200 pounds of medications and nearly 1,200 pounds of sharps.

The program helps the TPPC take a proactive approach to safeguarding communities by providing a convenient and legal way for people to dispose of medications, as well as providing disposal services for syringes and sharps.

TPPC conducts these events with the help TTUHSC students and other volunteers who help with critical services like collecting medications, deidentifying bottles, sorting and identifying medications and more. The events serve as a great opportunity for pharmacy students to collaborate with students from other TTUHSC schools and see first-hand the issues with non-adherence to medications.



DALLAS STUDENTS HELP WITH MEDICATION TAKE BACK DAYS

In October and April, our Dallas campus students partnered with local law enforcement to help with the DEA National Medication Take Back Day at multiple sites. The purpose of the event was to encourage the public to remove unneeded medications from their homes as a measure to prevent medication misuse and addiction before it begins.



SUMMER ESCAPE LIKE NO OTHER

At first glance, Camp New Day is an ordinary summer camp. Take a closer look and you will notice a staff of medical and pharmacy students that give kids with diabetes an experience they can't get anywhere else.

Summer camp environments can have a dramatic effect on children with diabetes. Extra physical activity and emotional stressors make blood sugars erratic, requiring dosage changes on a day-to-day, if not hour-by-hour, basis. Most summer camps don't have the medical staff to manage these constant changes. That's why diabetes camps fill an important gap, said Thomas Parker, Pharm.D., assistant professor of pharmacy practice at TTUHSC, who also serves as Camp New Day director.

Although diabetes camps most often have medical professionals on-site, the counselors are high school and college students or general volunteers. At Camp New Day, all counselors are in the medical field, including many TTUHSC pharmacy students. They also go through extensive Type 1 diabetes training.

“We want our counselors to have that higher level knowledge so that they can make timely decisions. Instead of relying on outside medical staff,” Parker said, “and have a greater awareness of changes that need to be made.”

Having a staff of trained medical professionals means campers have comprehensive support and education on good medical habits. The camp is also an opportunity for TTUHSC students to gain hands-on patient experience and a better understanding of the challenges those with a chronic disease face in life.

Lexie Greenwood, Pharm.D., (Pharmacy '23) said the camp was a chance to walk beside a person with diabetes, from finger pricks to counting carbs. Berkley Freund, Pharm.D., (Pharmacy '23) added, “It helped me develop a strong sense of empathy for my patients.”

Parker hopes the camp is a source of connection between providers and patients and between children with similar life experiences.

“Some of the kids may be the only ones in school who have Type 1 diabetes. Coming to a camp focused on that allows them to be with peers who understand the extra challenges they go through.”



STUDENTS HOST HEALTH FAIRS

Throughout the year, our students and student organizations host and help with many health fairs and expos that aim to improve the health and wellness of community members. Some of the health fairs our students helped with this year include:

- The Carrollton Health and Safety Fair – Dallas APhA and Stuco students helped organize a booth where they provided blood pressure and blood sugar screenings to more than 80 patients.
- 22nd Annual Asian Safety and Health Fair – Dallas Student National Pharmaceutical Association (SNPhA) volunteers provided flu vaccines, blood glucose and blood pressure screenings, food distribution, and help with consent forms. Bilingual students also helped translate for the Vietnamese and Spanish speaking populations. The event was a collaborative effort with the Vietnamese Health Professionals Association, the Vietnamese Nurses Association, the Dallas Police Department, UNTHSC SNPhA, Texas Women's University and many other health professionals.
- Community Health Resource Fair – Amarillo students volunteered to provide blood pressure and blood glucose screenings, as well as smoking cessation education. Faculty and staff members were also on hand to help with the event.
- Strive For Live Community Health Expo – Dallas Phi Delta Chi (PDC) offered medication review for anyone that had questions about their medications and the Student Pediatric Pharmacy Association (SPPA) offered vaping cessation and asthma education.
- Guyon Saunders Resource Center Health Fair – Amarillo students offered immunizations and blood glucose and blood pressure screenings to the local homeless population. Students from the Texas Tech University School of Veterinary Medicine also participated in the event and offered examinations and yearly vaccines for animals. The event was sponsored by the American Pharmacist Association (APhA) and the Student National Pharmaceutical Association (SNPhA).
- National Memory Screening Day Event – Amarillo P4 students volunteered to help provide free memory screenings for the Amarillo community. The event was hosted by Texas Tech Physicians Geriatric Oncology.

STUDENTS JUDGE SCIENCE FAIR



In March, students at the Abilene campus served as judges for a science fair hosted by a local elementary school.

STUDENTS AND SCHOOL OF PHARMACY TEAM MEMBERS HELP FOOD BANKS



In April, students, staff and faculty members from the Amarillo and Dallas campuses spent time volunteering at local food banks.

In Amarillo, students helped the High Plains Food Bank fill 316 cases with food that went to provide 9,300 meals.

In Dallas, faculty and staff members helped the North Texas Food Bank pack and box more than 8,000 meals for local families and kids in need.



STUDENTS JUDGE HOSA SKILLS EVENT

In July, the Dallas campus partnered with Health Occupations Students of America (HOSA) to serve as a clinical education site for their International Leadership Conference (ILC). During the conference, HOSA utilized the sterile and compounding labs and classroom spaces to allow students to demonstrate their knowledge in pharmacy science and biotechnology for the skills portion of the event.

Ten of our students who applied had the opportunity to serve as judges for portions of the skills event. Wakana Hayashi-Brune, Kristen Johnson, Carmen Melendez Beltran, Afsana Musharof, Denise Serna and Tina Thai judged the pharmacy science portion, where students withdrew liquid from a vial and verified the contents. Leigh Brown, Ingrid Hermanson-Miller, Yolanda Kowalewski and Tamica Stubbs judged the biotechnology portion, where students showcased micropipette and transfer pipettes use and calculated transformation efficiency.



ALUMNI



SCHOOL OF PHARMACY ALUMNI HONORED AT DISTINGUISHED ALUMNI AWARDS

The TTUHSAC Alumni Association held the 2021-2022 Distinguished Alumni Awards dinner in Lubbock on October 21. Two School of Pharmacy alumni were honored at the event, which recognizes alumni who have achieved a high level of success in their chosen fields or whose efforts have made a positive impact on community or humanity, bringing distinction to themselves and to Texas Tech University Health Sciences Center..

Shawn E. Hodges, Pharm.D., received the Pharmacy Leadership Award. Hodges earned his Doctor of Pharmacy in 2001. Upon graduation, he accepted a one-year fellowship with Eli Lilly where he served as a liaison between the FDA and the Lilly Regulatory

Affairs team. After completing the fellowship, he developed telehealth training courses and lectures for hospice pharmacy practitioners focusing on the appropriate use of compound medications for patients receiving end of life care. In 2007, Hodges purchased a compounding-only pharmacy called Innovation Compounding which focused on treatment for hospice patients, men's health, women's health, animal health and wellness therapies. In 2021, Hodges' pharmacy dispensed 140,000 prescriptions to patients in 49 states and was recognized as a top-five small business by the Cobb Chamber of Commerce. At the end of 2021, Hodges sold Innovation Compounding to Revelation Pharma and became CEO of the company.



Kaytlin E. Krusch, Pharm.D., MBA, BCPS, received the Pharmacy Research Award.

Krusch earned her Doctor of Pharmacy in 2014, and is now a researcher, professor and leader at the InfantRisk Center at TTUHSC School of Medicine. Krusch has spent the last decade relentlessly pursuing the translation of knowledge into action in women's healthcare and leadership. She believes mothers deserve better: better answers to their medication questions, healthcare experiences that foster respect, and encouragement that their health is equally as important as their child's. Her lectures on women's health have been translated into more than 25 languages. Since 2019, she has focused on researching medication transfer into breast milk and supporting the utilization of knowledge in this field. With Dr. Thomas Hale, she also co-authored the best-selling manual of lactational pharmacology, *Hale's Medications and Mothers' Milk*.

THE 2023 SCHOOL OF PHARMACY ALUMNI BOARD

The Alumni Board is the official representative for the larger School of Pharmacy alumni group. Their primary goal is to connect past graduates with the TTUHSC School of Pharmacy to promote collaborative efforts across current students and past graduates. Member of the 2023 School of Pharmacy Alumni Board include:



Martin Bishop
Past Chair

Class of 2011, Dallas

Current Role: Pharmacy Analytics, OptumInsight



Jenn Bulin
Secretary

Class of 2020, Amarillo

Current Role: Specialty Pharmacy Senior Manager - Essentia Health



Athena Cannon
Member At Large

Class of 2020, Abilene

Current Role: Clinical Pharmacist - Federal Urban Health Network/ University of Minnesota & U.S. Sports Pharmacy Group



Daniel Capps
Member At Large

Class of 2020, Amarillo

Current Role: PIC at Hometown Pharmacy in Plainview, TX



Amber Elliott
Member At Large

Class of 2009, Amarillo (Pharmacotherapy Residency 2011)

Current Role: Associate Director, Medical Science Liaison - Sandoz



Jo Ann Leal
Chair

Class of 2021, Amarillo

Current Role: Inpatient Operations Manager at Essentia Health



Jacob Rogers
Member At Large

Class of 2020, Abilene

Current Role: Ambulatory Care Clinical Pharmacist at HSC Health - Center for Older Adults and Assistant Professor of Pharmacotherapy at UNTHSC College of Pharmacy



MEMORIAL SCHOLARSHIPS ESTABLISHED FOR TWO ALUMNI

Thanks to a generous gift from alumnus Shawn Hodges, the [Sidney Phillips, Pharm.D., Memorial Endowment for Leadership Excellence](#) has been established to provide perpetual support to student, faculty, and staff of the TTUHSC Jerry H. Hodge School of Pharmacy. Phillips was a founding member of the School of Pharmacy Alumni Association and the 2007 recipient of the alumni organization's Excellence in Leadership award. Both he and Hodges were members of the TTUHSC School of Pharmacy Class of 2001. The memorial endowment will be used to cover expenses related to professional development opportunities such as conference fees, travel, lodging, supplies, etc. An additional fund, called the Sidney Phillips, Pharm.D. Memorial Fund for Leadership Excellence, shares the same criteria and has been

set up to be used directly, rather than through the investment/return model.

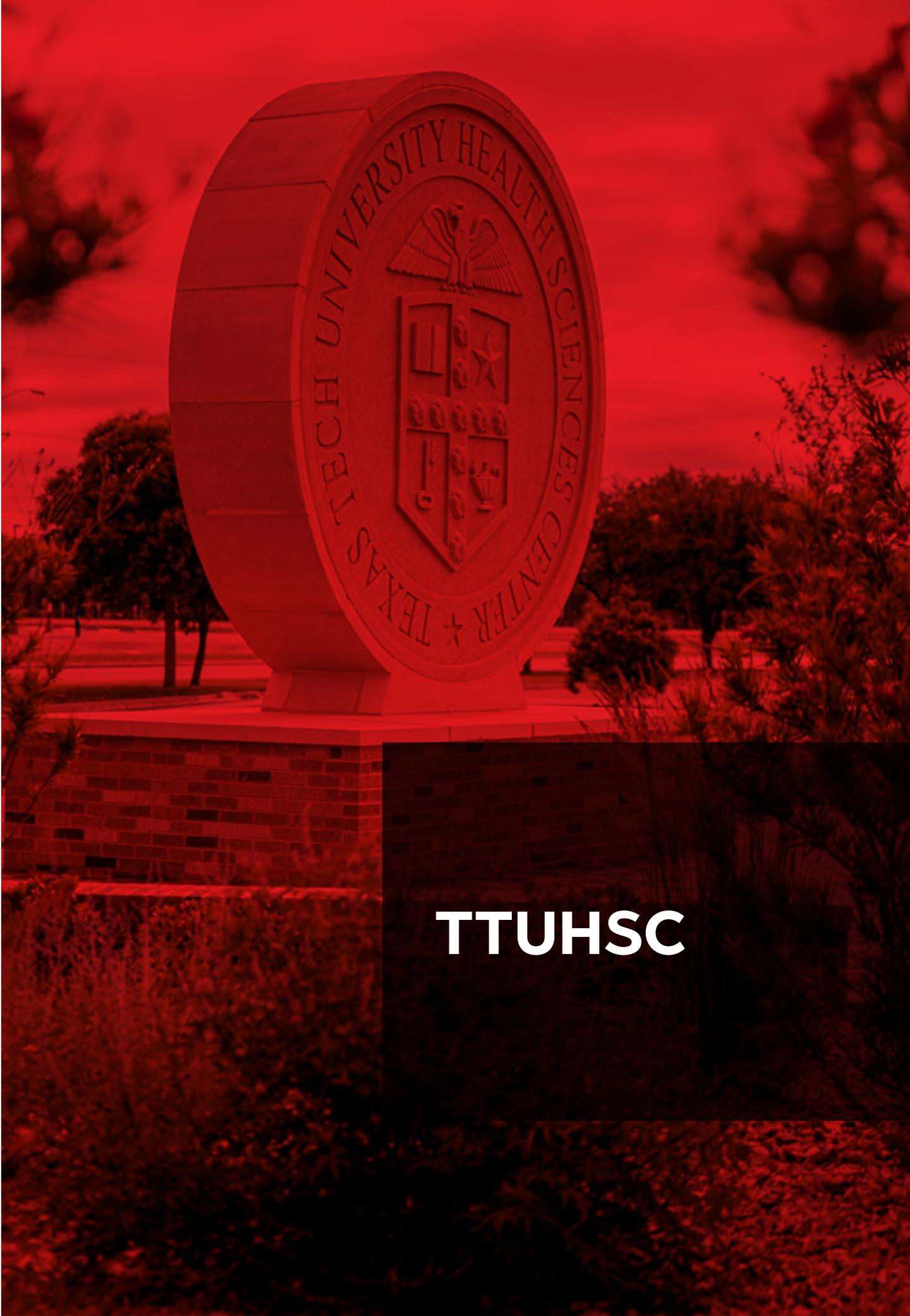
Colleagues and friends of alumna Janie Robles have established the [Dr. Janie Robles Memorial Scholarship](#) in her honor. Robles was an associate professor in the department of pharmacy practice at the Lubbock campus and a valued faculty member for 17 years. A member of the Class of 2003, she was passionate about TTUHSC and enriching the lives of children through pediatric pharmacotherapy. The recipient of the Dr. Janie Robles scholarship will have shown commitment to academic excellence and to serving children throughout their time in the TTUHSC School of Pharmacy. To donate to either of these memorial funds, click on the fund names listed above.

FACILITIES



DOUBLE Ts IN THE SKY

The Texas Tech University Health Sciences Center is making its presence known in the metroplex. The roof of our Dallas campus, which educates future pharmacy and nursing professionals, is now emblazoned with Double-Ts that can be seen from the air.



TTUHSC

TTUHSC NAMED A “2022 GREAT COLLEGE TO WORK FOR”



According to the Great Colleges to Work For® program, Texas Tech University Health Sciences Center is one of the best colleges in the nation to work for. This marks the third time the university has been recognized. TTUHSC won honors in eight categories.

- Job satisfaction and support
- Compensation and benefits
- Professional development
- Supervisor/department chair effectiveness
- Faculty and staff well-being
- Shared governance
- Faculty experience
- Diversity, inclusion and belonging

TTUHSC also was named to the Great Colleges Honor Roll, a status granted to the 42 colleges each year that are highlighted most across the recognition categories.

U.S. NEWS & WORLD REPORT RANKS TTUHSC AMONG BEST GRADUATE SCHOOLS

U.S. News & World Report unveiled its 2023-2024 rankings for Best Graduate Schools in May. Out of over 800 graduate schools surveyed, several TTUHSC programs were named among the top 100 programs from across the nation. The U.S. News & World Report is considered a global authority in education rankings.



TTUHSC MAKING MARK ON THE WORLD

In its 2023 edition of the “Global 2000 List by the Center for World University Rankings” released, TTUHSC ranked among the top 7.9% of 20,531 universities worldwide for 2023.

TTUHSC achieved an overall score of 67.4 for an overall world ranking of 1,618. The university was ranked 287th among U.S. universities and 323rd regionally, which includes U.S. and Canadian colleges and universities.

“To be recognized on the world stage and to achieve these rankings is tremendous for our university,” TTUHSC President Lori Rice-Spearman, Ph.D., said. “The rankings reflect the innovative and collaborative approach we foster that provides our graduates and faculty a foundation on which they can build success.”

In addition, TTUHSC was ranked as the 1,548th best university worldwide for research performance. The CWUR research performance rankings comprise 40% of a university’s overall ranking and are measured by: research output (total number of research articles – 10%); high-quality publications (total number of research articles published by top-tier journals – 10%); research influence (total number of research articles published by highly-influential journals – 10%); and the number of highly-cited research articles citations (10%).

“We are extremely proud of this global recognition of our strong research performance,” TTUHSC Senior Vice President for Research Lance McMahon, Ph.D., said.



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™
Jerry H. Hodge School of Pharmacy