



TEXAS A&M UNIVERSITY
Irma Lerma Rangel
School of Pharmacy

STATE OF THE SCHOOL

OCTOBER 5, 2023 | MANSOOR KHAN, PHD

OUTLINE

- **Updates on**
 - MGT report and organization
 - School vs College of Pharmacy
 - Medical Sciences Library
- **Review of**
 - What we are doing as a School with our collective Strategic Plan 2020-2025
 - Committees with divide and conquer strategies
- **State of the School**



ELEMENTS OF STRATEGIC PLAN 2020-2025

- **Mission** – “We develop and inspire a diverse group of future leaders in pharmacy practice and pharmaceutical sciences through transformational education, innovative research, holistic care, and effective outreach and service.”
- **Strategic Plan** – Transformational Education, Innovative research, Holistic care , Well-being and Financial Stability..

SCHOOL COMMITTEES

- Admissions
- Appt Promotion and Tenure
- Awards, Honors and Scholarships
- Credentialing
- Curricular Affairs
- Experiential Education
- Faculty Development
- Faculty Grievance
- Outcomes Assessment
- Self-Study Steering
- Co-Curricular Advisory
- Diversity Leadership Council
- Graduate Program
- Instructional Venues
- Interprofessional Education (IPE)
- OSCE Advisory
- Post-Graduate Advisory
- Staff Development
- Support Services
- Well-being
- Preceptor Advisory
- Development Advisory

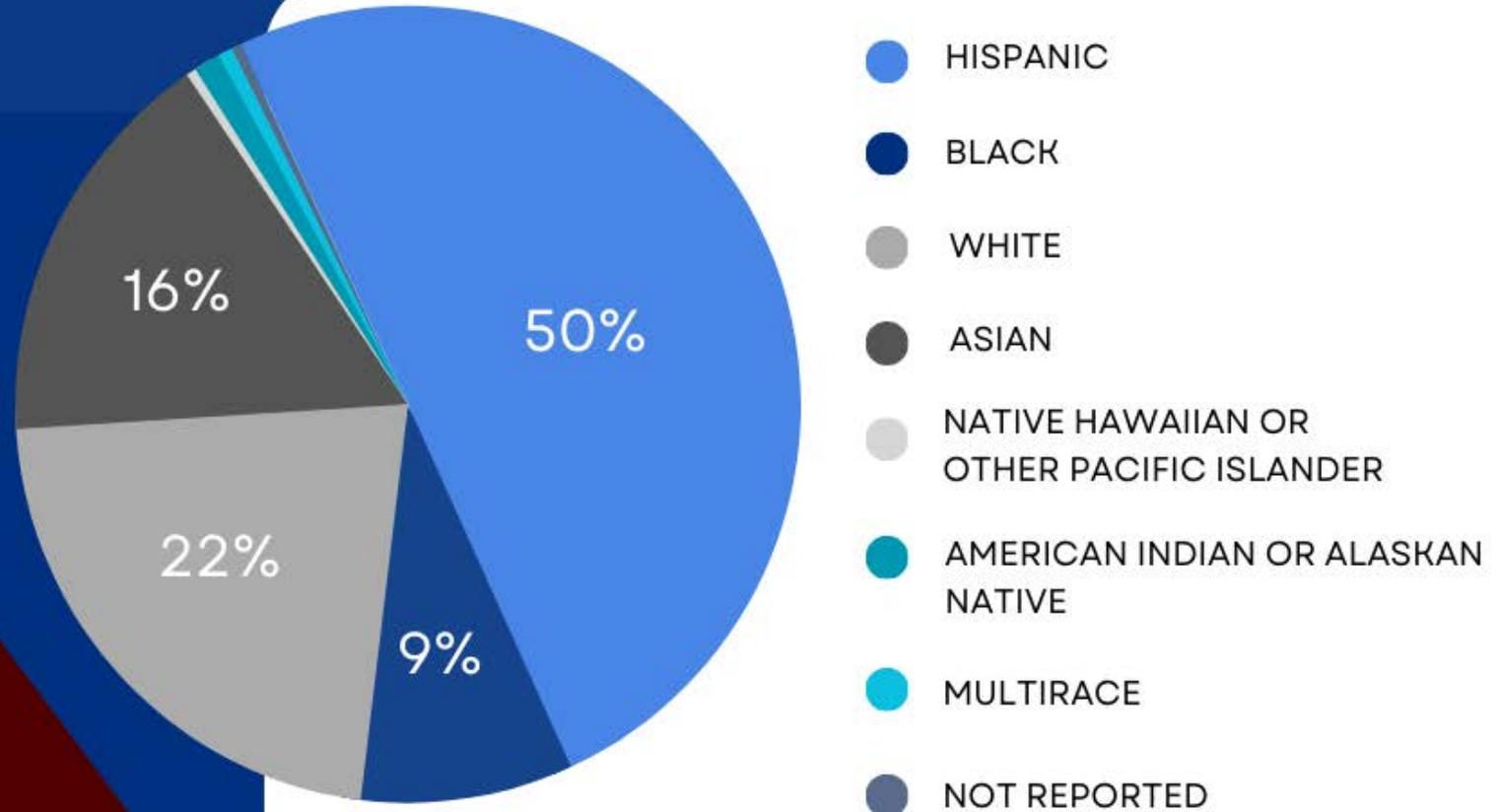
OUR COMMUNITY



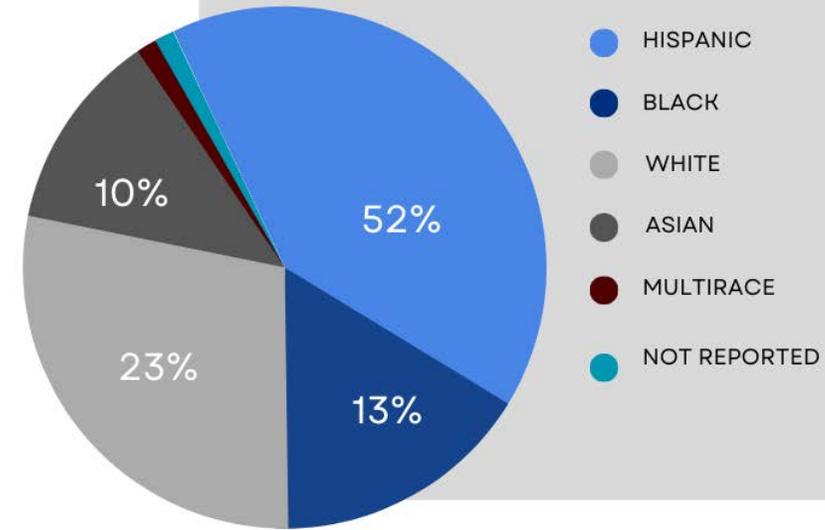
CLASSES 2024-2027

- 445 students
- 191 First-Generation students
- 18 Languages spoken

PHARMD CLASSES



MEET THE NEWEST PHARMD CLASS CLASS OF 2027



- 108 students
- 11 languages spoken
- 39 first-generation students

PHD STUDENTS

- 23 graduate students in the program
 - 12 in College Station
 - 11 in Kingsville
- The most senior students are in their G4 years. Expecting some PhD graduates this year!
- Five new students (below) started this fall.



Hima Bindu Atti



Emran Hossain



Kathryn Kunz



Victor Nwankwo



Pollob Shuvo

NEW STAFF



Madeline Denton,
Assessment Specialist,
Dean's Office



Jesse Garza,
Laboratory Coordinator,
Pharmaceutical Sciences



Pete Luna,
Instructional Technology
Specialist, Academic Affairs



Nick Muñoz,
Instructional Technology
Specialist, Academic Affairs



Samantha Ruiz,
Administrative Associate,
Pharmaceutical Sciences



Brittany Schultz,
Program Manager,
Student Affairs



Desarae Sullivan,
Program Assistant,
Experiential Education



Sharryn Womble,
Success Coach,
Dean's Office



Faith Upton,
Administrative Associate,
Finance & Administration



Pamela Williams,
Administrative Coordinator,
Dean's Office

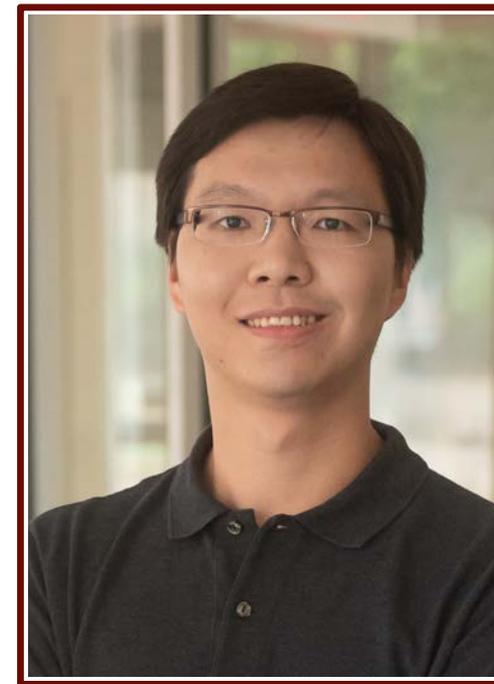
NEW FACULTY



Dr. Sai Koka,
Associate Professor,
Pharmaceutical Sciences



Dr. Stephen Lee,
Instructional Professor,
Pharmacy Practice



Dr. Shiqing Xu,
Assistant Professor,
Pharmaceutical Sciences
(joint appointment with Chemistry)

NEW RESEARCH PERSONNEL



Ahmed Alarabi,
Postdoctoral Research Associate



Osaid Al Meanazel,
Postdoctoral Research Associate



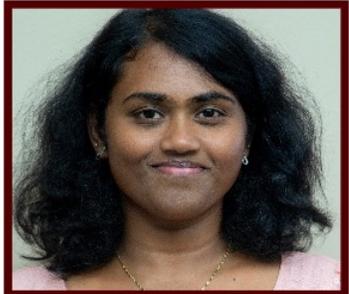
Sarmadia Ashraf,
Research Assistant



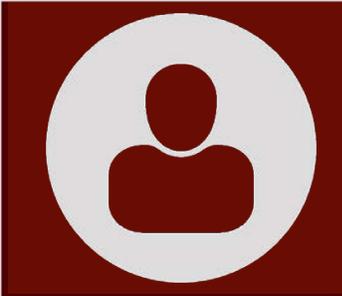
Daniel Barrett,
Research Assistant



James Haorah,
Research Scientist



Susan Immanuel,
Postdoctoral Research Associate



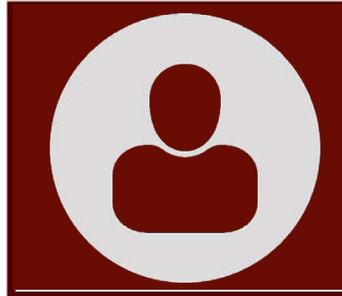
Hemavathi Iyappan,
Research Assistant



Ankit Jain,
Postdoctoral Research Associate



Mohammad Kashif Iqbal,
Postdoctoral Research Associate



Narges Mehrpour-Karmakan,
Research Assistant



Satheeshkumar Rajendran,
Research Associate



Gereziher Sibhat,
Assistant Research Scientist



Maharshi Thalla,
Postdoctoral Research Associate



Umakant Yadav,
Postdoctoral Research Associate

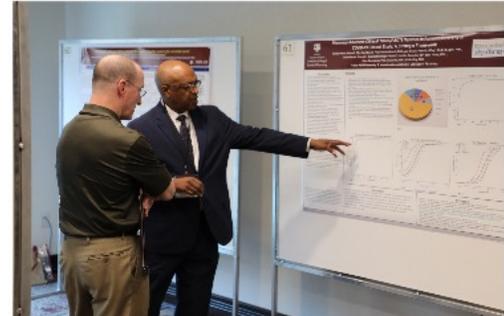


HIGHLIGHTS FROM THE LAST YEAR

COMMUNITY SERVICE



RESEARCH COLLOQUIUM



TEACHING AWARDS



P1 TEACHER OF THE
YEAR AWARD
**ANDREW TENPAS,
PHARM.D, RPH**



P2 TEACHER OF
THE YEAR AWARD
**JONGWHA CHANG,
PHD**



P3 TEACHER OF
THE YEAR AWARD
**SIMI GUNASEELAN,
PHD**



GRADUATE
TEACHER OF THE
YEAR AWARD
**MANSOOR KHAN,
PHD**



PROVOST ACADEMIC
PROFESSIONAL TRACK FACULTY
TEACHING EXCELLENCE AWARD
DELANEY IVY, PHARM.D

TEACHING TEAM AWARDS

TEACHING TEAM OF THE YEAR

FOR CARDIOVASCULAR DISEASES COURSE



HEATHER HAY,
PHARM.D



DAI LU, PHD



FATIMA ALSHBOOL,
PHARM.D, PHD



FADI KHASAWNEH, PHD



JAY WESTON, PHARM.D

TEACHING TEAM OF THE YEAR

FOR THE MENTAL & BEHAVIORAL HEALTH DISORDERS COURSE



JOY ALONZO, PHARM.D



HAMED ALI-ISMAIL, PHD



MAHUA CHOUDHURY, PHD



ANNE-CÉCILE MINGLE,
PHARM.D

FACULTY RESEARCH AWARDS



EARLY CAREER FACULTY
RESEARCH AWARD

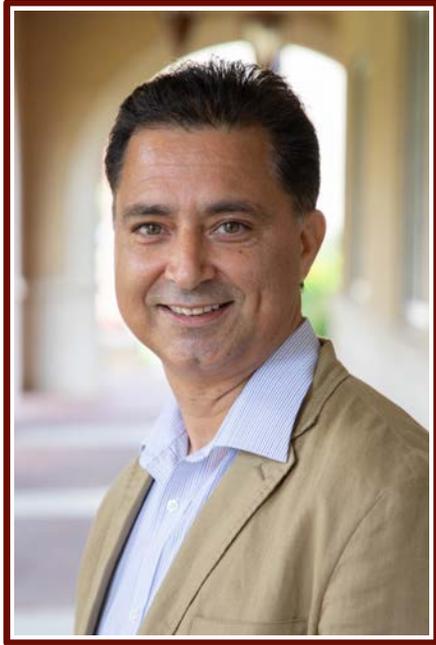
HAMED ALI-ISMAIL, PHD



MID-TO-SENIOR CAREER FACULTY
RESEARCH AWARD

LIN ZHU, PHD

POSTDOCTORAL & GRADUATE AWARDS



MANSOOR & REHANA KHAN
POSTDOCTORAL FELLOW RESEARCH
ACHIEVEMENT AWARD
DR. SHAHNAZ QADRI



MANSOOR & REHANA KHAN
GRADUATE STUDENT EXCELLENCE
AWARD
NADA HELAL

PRECEPTOR AWARDS



FACULTY PRECEPTOR OF THE YEAR AWARD
POOJA PATEL, PHARMD



PRECEPTOR OF THE YEAR AWARD
APARNA REDDY, PHARMD, BCPS

ALUMNI AWARDS



OUTSTANDING EARLY CAREER ALUMNI AWARD
JESSICA T. BABIC, PHARMD, BCPS, BCIDP



RESIDENT ACADEMIC EXCELLENCE AWARD
ARNOLDO GONZALEZ, PHARMD

LEADERSHIP APPOINTMENTS



INTERIM VICE DEAN
ALLISON RICE-FICHT,
PHD



INTERIM DIRECTOR OF
GRADUATE STUDIES
YINAN WEI, PHD

FACULTY PROMOTIONS

Promotion and Tenure

- **Lixian Zhong** – promotion to Associate Professor and awarded Tenure.
- **Fatima Alshbool** – promotion to Associate Professor and awarded Tenure.

Promotion

- **Joy Alonzo** – promotion to Clinical Associate Professor
- **Heather Hay** – promotion to Clinical Associate Professor
- **Merlyn Joseph** – promotion to Clinical Associate Professor
- **Pooja Patel** – promotion to Clinical Associate Professor
- **Nephy Samuel** – promotion to Clinical Associate Professor
- **Jayshree Mishra** – promotion to Research Associate Professor

STAFF SPOTLIGHT



STAFF MEMBER OF THE
YEAR AWARD

AMANDA GALVAN, LPC



STAFF MEMBER OF
THE YEAR AWARD

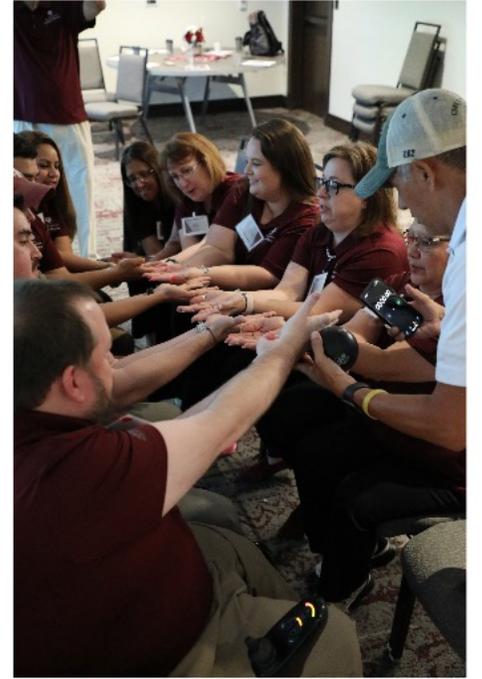
BETH JOHNSON



STAFF MEMBER OF THE
YEAR AWARD

SHELIA ROBINSON, MEd

STAFF RETREAT



STUDENT SPOTLIGHT



PCOA TOP PERFORMERS



SAMUEL VARGAS: 473



BENJAMIN YOUNG



PETER BELBIN



LINDSAY WOOLLUMS



JOON CHANG



DANIELLE NARES



SAMANTHA
OHENDALSKI



JESSIE AKHIGBE



FRANK CANTU



HANNAH CURRY

NATIONAL COMPETITIVE APPE ROTATIONS



Aetna CVS: Kristen Krozel



Biodesix: Ghassan Alyaseen



FDA: Yasser Ibrahim



NCDOA: Leen Alyaseen



NCDOA: Stephanie Nwaneri



NCDOA: Rio Reyna Pilar



New Mexico Indian Health
Services: Crystal Chi

PHD STUDENT PLACES AT WORLD COMPETITION

Sushesh Srivatsa Palakurthi

DRPI US 2023: 2nd Place in the National Finals

DRPI World Finale: 3rd Place in the World Finals



Dissolution Research Presentations International

IN ASSOCIATION WITH



RESIDENCY MATCH RATE

PGY1 Residency Match Participation and Results: 86%

Matched resident locations:

- 14–Texas, 1 – Kentucky, 1–Ohio, 1 – Massachusetts, 1 – Georgia

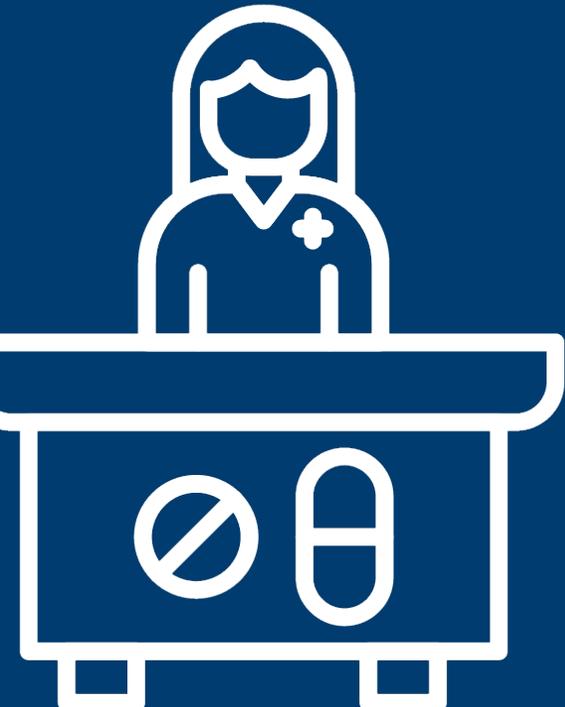
8 students registered but did not participate, 1 student matched to PGY1 this year was from class of 2019

PGY2 Residency Match Participation and Results: 71%

Matched resident locations:

- 2–Texas, 1 – California, 1 – Tennessee, 1 – Massachusetts

3 students registered but did not participate, 1 student who matched to PGY2 this year was from class of 2021



RECENT CLASS STATS (2022)

- 94% graduating on time
- 91% licensed to practice pharmacy in the United States
- 87% licensed to practice pharmacy in Texas
- 87% employed in pharmacy in Texas or in a pharmacy residency program after graduation
- 38% practicing pharmacy in South Texas
- 16% entering residency programs





**ACHIEVEMENTS, ADVANCES
& LOOKING AHEAD**

Rank	College or School of Pharmacy	Carnegie Classification ^a	Total Full-Time Faculty ^b	Total Funding ^d
25	The University of Texas at Austin	R1	82	\$10,182,276
26	University at Buffalo, The State University of New York	R1	54	\$10,140,301
27	The University of Kansas	R1	64	\$10,042,008
28	Northeastern University	R1	55	\$9,620,467
29	The University of Mississippi	R1	84	\$8,823,164
30	Texas A&M University	R1	52	\$7,754,889
31	University of South Carolina	R1	60	\$7,404,767
32	Washington State University	R1	57	\$6,472,190
33	Oregon State University	R1	48	\$6,153,030
34	University of Arkansas for Medical Sciences	Special Focus Four-Year: Research Institution	59	\$4,844,443
35	University of Houston	R1	78	\$4,688,511

TEXAS A&M UNIVERSITY RSOP RANKING BY YEAR

Year	All Grants			Federal Grants	
	Rank	# Faculty	Amount	Rank	Amount
2023					
2022	31	52	\$ 10,312,127	30	\$ 7,754,889
2021	43	52	\$ 5,090,368	49	\$ 3,157,929
2020	50	50	\$ 3,484,264	51	\$ 2,337,530
2019	53	50	\$ 2,316,789	51	\$ 1,986,255
2018	59	50	\$ 1,404,835	59	\$ 1,085,325
2017	69	51	\$ 738,334	63	\$ 507,124
2016	83	46	\$ 289,057	77	\$ 289,057

PEDIATRIC DRUG CHALLENGES – DOSE FLEXIBILITY IS REQUIRED



Review Article

Theme: Precision Medicine: Implications for the Pharmaceutical Sciences
Guest Editors: Marilyn N. Martinez and Adel Karara

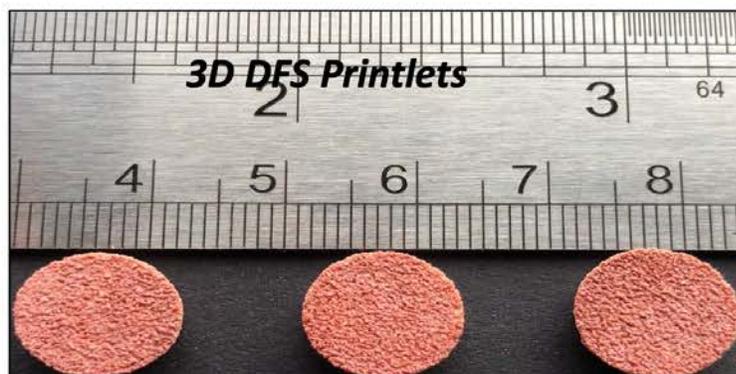
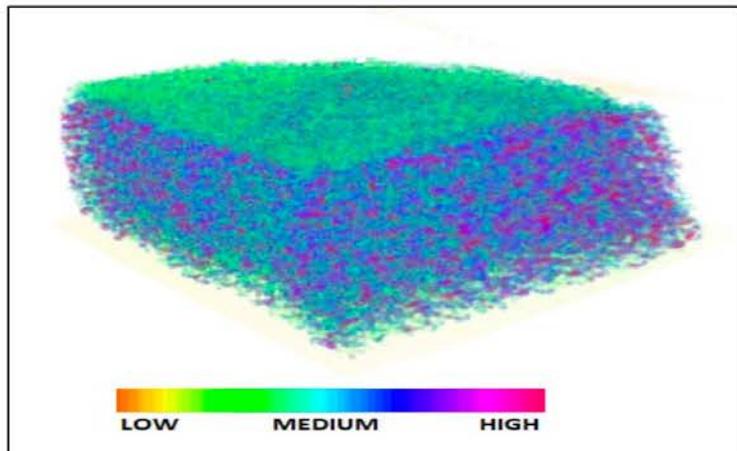
Additive Manufacturing with 3D Printing: Progress from Bench to Bedside

Ziyaur Rahman,^{1,4}  Sogra F. Barakh Ali,¹ Tanil Ozkan,² Naseem A. Charoo,³
Indra K. Reddy,¹ and Mansoor A. Khan¹

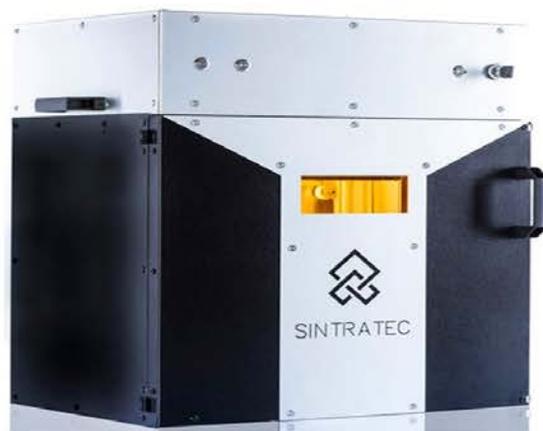
Received 30 October 2017; accepted 5 April 2018; published online 12 September 2018

Abstract. Three-dimensional (3D) printing was discovered in the 1980s, and many industries have embraced it, but the pharmaceutical industry is slow or reluctant to adopt it. Spiritam® is the first and only 3D-printed drug product approved by FDA in 2015. Since then, the FDA has not approved any 3D-printed drug product due to technical and regulatory issues. The 3D printing process cannot compete with well-established and understood conventional processes for making solid dosage forms. However, pharmaceutical companies can utilize it where mass production is not required; rather, consistency, precision, and accuracy in quality are paramount. There are many 3D printing technologies available, and not all of them are amenable to pharmaceutical manufacturing. Each 3D technology has certain prerequisites in terms of material that it can handle. Some of the pertinent technical and regulatory issues are as follows: Current Good Manufacturing Practice, in-process tests and process control, and cleaning validation. Other promising area of 3D printing use is printing medications for patients with special needs in a hospital and/or pharmacy setting with minimum regulatory oversight. This technology provides a novel opportunity for in-hospital compounding of necessary medicines to support patient-specific medications. However, aspects of the manufacturing challenges and quality control considerations associated with the varying formulation and processing methods need to be fully understood before 3D printing can emerge as a therapeutic tool. With these points in mind, this review paper focuses on 3D technologies amenable for pharmaceutical manufacturing, excipient requirement, process understanding, and technical and regulatory challenges.

KEY WORDS: 3D printing; QbD; excipients; process; regulatory.



SEM Images of DFS printlets



**Age-appropriate flexible pediatric drug delivery systems
2 NIH R01s and one R56 – 7 millions.. (with Collaborations
from COE, SVM, Life Sciences, HCRF, Driscoll Childrens.. Two
more grants are scored..**



Pardon our appearance- Will be Exciting Soon---



College Station:

- Reynolds Lobby undergoing a complete renovation: New paint, carpet, plank flooring, ceiling, lighting and furniture
- Reynolds Suite 339 has undergone complete renovation and now provides an office and another shared space for visiting Pharmacy Practice faculty. It also has a conference table/meeting space in the main room.
- Labs 325, 340, 346 and 347 renovated spring 2022
- The landing on the 3rd floor received new paint and new pharmacy signage
- New signage in the lobby
- New SUV on order for the CS campus

Kingsville:

- Rhode Hall - 319/320 - Reconfigured classroom for Graduate Pharmacy Students. New furniture and distance learning capability with new AV equipment/networking
- School of Pharmacy – 230 – Updated AV equipment/networking. New furniture for comfort and productivity.
- School of Pharmacy – 235 – Painted Compounding Lab and redid entire floor with new VCT tile.
- School of Pharmacy – 236 – Converted space from Computer Lab to Student Classroom. Construction, electrical, new furniture, and AV equipment/networking.



UPDATES ON THE SELF-STUDY

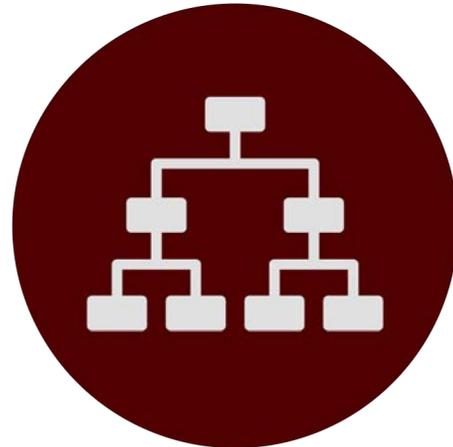
- Site visit scheduled for October 31 to November 3, 2023
 - Consists of interviews with faculty and groups like the ALT, students, various offices
 - This is our time to shine and communicate all the great things we do here



GOALS FOR THE YEAR AHEAD



Goal 1:
Reaffirm Our
Accreditation



Goal 2:
Refine Organization
& Align with
University



Goal 3:
Provide more
Residency
Opportunities and
Further Improve
Research Ranking



Goal 4:
At least One
BOR
Research
Center