

# UMT | SPH

School of Pharmacy



Build a Thriving Career in Healthcare



## Message from the Dean

Prof. Dr. Ejaz Ullah Cheema, Founding Dean School of Pharmacy emphasizes the evolving role of pharmacists in the health care systems worldwide. The role of pharmacists has evolved significantly over the last two decades and requires them to play a key role as part of multidisciplinary healthcare teams in the delivery of an evidence-based safe, effective and quality healthcare to patients and public at large. This evolution in the role of pharmacists requires them to not only possess core and up-to-date scientific and clinical knowledge but also expects them to demonstrate strong ethical values, professional behavior with excellent communication, research, leadership, entrepreneurship and writing skills. Furthermore, pharmacists are expected to update their scientific and clinical knowledge on continuous basis, often known as continuous professional development (CPD). These expected attributes and competencies of pharmacists would allow them to pursue careers in pharmaceutical industries, hospitals, regulatory affairs, retail or community pharmacies, pharmaceutical marketing, academic, research and development and supply chain management.

Keeping in view the evolving role of pharmacists and the skills and competencies expected in the future, we are committed to providing quality and advanced pharmacy education to our students to help them prepare for new challenges. We would be employing a range of traditional and modern teaching, learning and assessment strategies to help our students develop various competencies.

## Date of Establishment

School of Pharmacy was established on 5th January 2022 after NOC from Pharmacy Council of Pakistan to launch Pharm-D program.

## Salient Features

- Highly qualified and dedicated faculty led by foreign qualified dean that brings together a wealth of experience and expertise to the classroom.
- State-of-the-art labs to support hands on training of students.
- Innovative teaching methodologies including flipped classroom, problem-based learning and case-based studies to support students' learning.
- Arrangement of tours, industry placements, hospital tours to augment the experiential learning of students.
- Engagement in extra curriculum activities that extend beyond academics including participation in sports competition and quizzes to support the professional development of students

## Faculty Profiles



**Prof Dr  
Ejaz Ullah Cheema**  
Dean SPH  
PhD Pharmacy Practice, University  
of Warwick, UK



**Dr. Abdul Qayyum Khan**  
Associate Prof,  
PhD Pharmacology (Germany)



**Dr Hammad Ullah Khan**  
Assistant Prof.,  
PhD Nutraceuticals (Italy)



**Dr Amber Sharif**  
Assistant Prof  
PhD Pharmacology, University  
of Sargodha, Pakistan



**Ms Asma Fehar**  
Lecturer  
MPhil Pharmacognosy, University  
of Punjab, Pakistan



**Ms Sonia Ashfaq**  
Lecturer  
M Phil Pharmaceutics, PU - Punjab  
University Lahore.



**Dr Waqar Aman**  
Associate Prof  
PhD Pharmaceutical Chemistry  
(South Korea)



**Dr Rabia Altaf**  
Associate Prof,  
PhD Pharmacology (Malaysia)



**Dr Sobia Razzaq**  
Assistant Prof  
PhD Pharmaceuticals,  
Quaid-e-Azam



**Dr Iram Shahzadi**  
Assistant Prof  
PhD Pharmacy, University of  
Punjab, Pakistan



**Ms Tangina Malik**  
Lecturer  
MPhil Pharmacognosy, University  
of Punjab, Pakistan



**Ms kanwal Mazhar**  
Lecturer  
MPhil Pharmacy, Lahore College  
for Women University.



**Ms Noor Shahzadi**

Lecturer

MPhil Pharmacy, University of Central Punjab, Pakistan



**Ms Asra Shanzeh**

Lecturer

MPhil Pharmacy, University of Punjab, Pakistan



**Ms Saba Ashraf**

Lecturer

MPhil Pharmaceutics, University of Punjab, Pakistan



**Mr Hafiz Hanzalah**

Lecturer

M Phil Pharmaceutical Chemistry, PU - Punjab University



**Mr Muaz Munir**

Lecturer

MPhil Pharmaceutics, University of Veterinary Sciences, Pakistan

## International Linkages & Collaborations

Three International MoUs have been signed by SPH:

- EMAN Biodiscoveries
- NatureCeuticals Sdn Bhd (Malaysia)
- EMAAN Research Ltd (Australia)
- Research Collaboration with Ulster university.

## Alumni Data & Achievements

Two Pharm.D students have completed their UGRAD Spring 2025 placement in USA:

Ms Javeria Rasheed: University of Toledo in Toledo, OH and Mr Maaz Imran: Indiana University of Pennsylvania in Indiana.

# Research Publications

## Prof. Dr Ejaz Cheema

Publication Type	Title	Journal Name	Impact Factor	Year of Publication
International Publications with impact factor (2.0 and above)	Translation, cultural adaptation and validation of Patient Satisfaction with Pharmacist Services Questionnaire (PSPSQ 2.0) into the Arabic language among people	PLOS ONE	3.700	2024
International Publications with impact factor (2.0 and above)	Integration of pharmacist independent prescribers into general practice: a mixed-methods study of pharmacists' and patients' views	Journal of Pharmaceutical policy and practice	4.200	2023
International Publications with impact factor (2.0 and above)	Disparities in Prevalence and Barriers to Hypertension Control: A Systematic Review	International Journal of Environmental Research and Public Health	3.390	2023
International Publications with impact factor (2.0 and above)	Impact of community pharmacist-led medication review programmes on patient outcomes: a systematic review and meta-analysis of randomised controlled trials	Research in social and administrative pharmacy	3.300	2022
International Publications with impact factor (2.0 and above)	Development and evaluation of clinical reasoning using 'think aloud' approach in pharmacy undergraduates—A mixed-methods study	Saudi Pharmaceutical Journal	4.500	2021
International Publications with impact factor (2.0 and above)	Efficacy and safety of delafloxacin, cefaroline, cefotopride, and tigecycline for the empiric treatment of acute bacterial skin and skin structure infections: A network meta-analysis of randomized controlled trials	Saudi Pharmaceutical Journal	4.500	2021



Publication Type	Title	Journal Name	Impact Factor	Year of Publication
International Publications with impact factor (2.0 and above)	Doping dependency of chitosan and PAA controlled CdSe quantum dots for catalytic and bactericidal behavior by inhibiting DNA gyrase and DHFR through molecular docking	International Journal of Biological Macromolecules	8.500	2025
International Publications with impact factor (2.0 and above)	DFT, molecular docking, antimicrobial activity, dye degradation, and oxygen evolution reaction of functionalized chitosan integrated eudragit-stannous selenide nanostructures	Surfaces and Interfaces,	6.300	2025
International Publications with impact factor (2.0 and above)	Doping dependency of chitosan and PAA controlled CdSe quantum dots for catalytic and bactericidal behavior by inhibiting DNA gyrase and DHFR through molecular docking	International Journal of Biological Macromolecules	8.500	2024
International Publications with impact factor (2.0 and above)	Assessment of silver and graphitic carbon nitride doped cadmium selenide quantum dots as an efficient dye degrader and antibacterial agent: In silico molecular docking analysis	Materials Today Sustainability	7.900	2024
International Publications with impact factor (2.0 and above)	Facile synthesis of copolymerized cellulose grafted hydrogel doped calcium oxide nanocomposites with improved antioxidant activity for anti-arthritis and controlled release of doxorubicin for anti-cancer evaluation.	International Journal of Biological Macromolecules	8.500	2023
International Publications with impact factor (2.0 and above)	Polymeric Nanoparticles for Bovine Mastitis Treatment	Springer Nature	0.000	2023

Publication Type	Title	Journal Name	Impact Factor	Year of Publication
International Publications with impact factor (2.0 and above)	Evaluation of metabolic dysfunction-associated fatty liver disease-related pathogenic mechanisms in human steatotic liver cell-based model: beneficial effects of <i>Prunus domestica</i> L. subsp. <i>syriaca</i> extract	Nutrients	4.800	2025
International Publications with impact factor (2.0 and above)	Efficacy of food supplement based on monacolins, $\gamma$ -oryzanol, and $\gamma$ -aminobutyric acid in mild dyslipidemia: a randomized, double-blind, parallel-armed, placebo-controlled clinical trial	Nutrients	4.800	2024
International Publications with impact factor (2.0 and above)	Efficacy and tolerability of a <i>Scutellaria lateriflora</i> L. and <i>Cistus x incanus</i> L. based chewing-gum on the symptoms of gingivitis: a monocentric, randomized, double-blind, placebo-controlled clinical trial	Nutrients	4.800	2025
International Publications with impact factor (2.0 and above)	Efficacy of digestive enzyme supplementation in functional dyspepsia: a monocentric, randomized, double-blind, placebo-controlled, clinical trial	Biomedicine and Pharmacotherapy	6.900	2023
International Publications with impact factor (2.0 and above)	Polyphenols-enriched <i>Desmodium elegans</i> DC. ameliorate scopolamine induced amnesia in animal model of Alzheimer's disease: in vitro, in vivo and in silico approaches	Biomedicine and Pharmacotherapy	6.900	2023
International Publications with impact factor (2.0 and above)	Efficacy of a food supplement based on S-adenosyl methionine and probiotic strains in subjects with subthreshold depression and mild-to-moderate depression: a monocentric, randomized, cross-over, double-blind, placebo-controlled clinical trial	International Journal of Biological Macromolecules	6.900	2022

Publication Type	Title	Journal Name	Impact Factor	Year of Publication
International Publications with impact factor (2.0 and above)	Postprandial glycemic and insulinemic response by a brewer's spent grain extract-based food supplement in subjects with slightly impaired glucose tolerance: a monocentric, randomized, cross-over, double-blind, placebo-controlled clinical trial	Nutrients	4.800	2022
International Publications with impact factor (2.0 and above)	Hydroethanolic extract of <i>Prunus domestica</i> L.: metabolite profiling and in vitro modulation of molecular mechanisms associated to cardio-metabolic diseases	Nutrients	4.800	2022
International Publications with impact factor (2.0 and above)	Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota	Biomedicine and Pharmacotherapy	6.900	2022
International Publications with impact factor (2.0 and above)	Anti-cancer effects of polyphenols via targeting p53 signaling pathway: updates and future directions	Biotechnology Advances	12.100	2020
Books Published by Foreign Publisher	Nutraceuticals: A Holistic Approach to Disease Prevention	De Gruyter (Germany)	0.000	2024
Book Chapter (published)	Phytonutrients in the management of glucose metabolism	The role of Phytonutrients in Metabolic Disorders (Elsevier)	0.000	2022
Book Chapter (published)	Prebiotics and probiotics: Concept and advances	Handbook of Nutraceuticals and Natural Products: Biological, Medicinal, and Nutritional Properties and Applications (Wiley & Sons Inc.)	0.000	2022

## Conferences & Academic Events

- HCIC 2025 International Conference— Healthcare Challenges & Innovations (28–29 Jan 2025)
- International and national seminars/workshops on diabetes, obesity, faculty.

## Journals & Editorial Contributions

The School of Pharmacy has its own Y-category journal. Currently, two Volumes have been published and the third is in process.  
<https://journals.umat.edu.pk/index.php/CPR>

## Testimonials

### **Shahroz Mahmood:**

I'm Shahroz, Class Representative and 4th-year Pharm D student at SPH, UMT. Over the years, I've had the privilege to represent SPH at various platforms and organize multiple student-led events. Through the school's guidance, I also completed a clinical internship at Evercare Hospital, which truly enriched my professional journey. SPH has been more than a campus, it's been a launchpad.

### **Muhammad Maaz Imran:**

Studying at UMT School of Pharmacy has been a transformative journey filled with academic growth and personal development. The support and guidance I received here played a key role in my selection for the prestigious UGRAD program. I'm grateful to be part of an institution that prepares students to excel in the healthcare field.

### **Adan Ali Mir:**

I am Adan Ali, a proud fourth-year student at UMT School of Pharmacy, where I've experienced significant personal and professional growth. SPH enhanced my leadership, teamwork, and global collaboration skills through various academic and extracurricular opportunities. My involvement in community service projects deepened my understanding of the profession's social responsibilities. I am proud to be part of an institution that empowers its students to lead and make a meaningful impact.

### **Javeria Rasheed:**

I'm Javeria Rasheed, 4th-year Pharm D student at SPH, UMT. My time here has been transformative, from leading student events to representing Pakistan in the UGRAD Exchange Program, SPH gave me the platform to grow academically and personally. I'm grateful for the dedicated faculty, practical exposure and the strong student support system that shaped my journey.

## **Research Labs & Academic Facilities**

- Basic Medical Sciences Lab
- Pharmaceutics Lab
- Pharmaceutical Chemistry Lab
- Microbiology Lab
- Pharmacognosy Lab
- Industrial and Quality Control Lab
- Cell Culture Lab
- Dedicated simulation-based learning tools
- Library and resource-rich learning environments

## Student Activities, Competitions & Achievements

- Rector & Dean awards
- Oath-taking ceremonies
- Role-play events
- Documentary & poster competitions
- Blood donation & community camps (e.g., World Pharmacist Day, diabetes awareness)

## MOUs & Institutional Partnerships

- Evercare Hospital Lahore
- UVAS
- Citi Pharma
- Clinix Pharmacy
- Remington Pharmaceuticals (with DRK)
- Ghurki Hospital
- Indus Hospital & Health Network
- Tigermed
- MyPharmacy

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