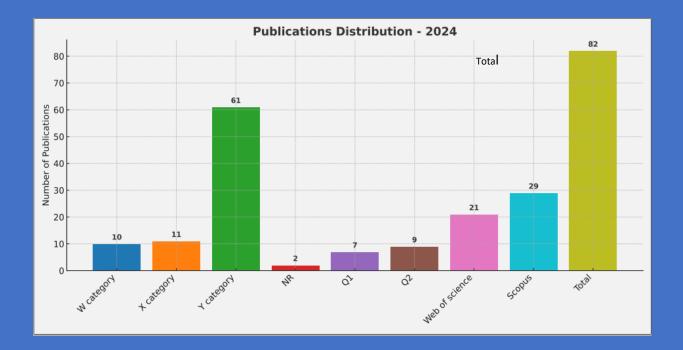
School of Health Sciences



The comprehensive research performance across 2024. With a total of 82 publications, 2024 led with 82 outputs, prominently from Y-category journals (61), showing gradual diversification across W, X, and Y categories..

Recognition Research Awards/Distinctions received by School/Faculty members-Top 2 authors

1. Dr. Umar Bacha

Top 2% Scientist of the world (2022-2024)

Highest impact factor and highest citations award

2. Dr. Naveed Munir

Research award on Highest H-index (2023-2024)

Highest Citation Achieved

A remarkable milestone by Dr. Umar Bacha, faculty member of SHS, for the most cited publication:

Title: Global, regional, and national comparative risk assessment of 79 behavioral, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015

Research Outlook 2024

School of Health Sciences (SHS)

School of Health Sciences (SHS)							
Title	Journal Name	Ranking	Issue	Volume	Department		
Nutraceutical activities of Trigonella foenum-graecum and Nigella sativa seeds in the management of diabetesinduced in albino rats Frequency of Diastasis Recti in Second and Third Trimesters of Pregnancy in Jinnah Hospital Lahore. A Cross-Sectional Study	Journal of Food Science Journal of Health and Rehabilitation Research	HEC W	7	89 4	Department Biomedical Laboratory Sciences Department Biomedical Laboratory Sciences		
Effects of Buteyko Breathing Technique Versus Diaphragmatic Breathing on Exercise Capacity and Quality of Life in Patients with Chronic Obstructive Pulmonary Disease	Journal of Health and Rehabilitation Research	НЕС Ү	2	4	Department Biomedical Laboratory Sciences		
Effects of Exercise and Kinesiotaping with and without Wedge Insole on Pain and Function in Patients with Grade 3 Knee Osteoarthritis	Journal of health and Rehabilitation Research	HEC Y	2	4	Department Biomedical Laboratory Sciences		
Comparison of Patient Satisfaction and Quality of Life to Buteyko Versus Diaphragmatic Breathing Technique in Patients with Asthma	Journal of Health and Rehabilitation Research	HEC Y	1	4	Department Biomedical Laboratory Sciences		
Association of Social Academic Emotional Behavior and Cognitive Health with Breakfast Skipping among School-Going Children of 7- 14 Years of Age	National Journal of Medical and Health Sciences (NJMHS)	HEC Y	1	6	Department Biomedical Laboratory Sciences		
Incidence of Cachexia and its Association with Functional Capacity in Chronic Heart Failure Patients COVID-19 mRNA VACCINES	Pak-Euro Journal of Medical and Life Sciences	HEC Y	1	7	Department Biomedical Laboratory Sciences		
FRONTRUNNERS: EVALUATION OF BIO-PHARMACOLOGICAL FEATURES AND ANTAGONISTIC EFFECTS OF PFIZER-BIONTECH AND MODERNA VACCINES	Oxidation Communications	HEC Y	47	3	Department Biomedical Laboratory Sciences		
Radiotherapy of prostate and head- and-neck tumour: An optimal treatment planning comparison for intensity modulated radiotherapy and volumetric modulated arctherapy techniques Unraveling the potential of	The Journal of the Pakistan Medical Association Gazzetta Medica Italiana	HEC X	1	74	Department Medical Imaging & Ultrasonography Department Medical		
methotrexate: evidence from recent clinical trials	Archivio per le Scienze Mediche	HEC X	10	183	Imaging & Ultrasonography		

Crosslinking MRI with Histopathology: Cross-Sectional Analysis to Assess the Effectiveness in the Identification of	PAK-EURO JOURNAL OF MEDICAL AND LIFE				Department Medical Imaging &
Benign and Malignant Tumors	SCIENCES	HEC Y	3	7	Ultrasonography
Article Comparative Study of Multi- detector Computed Tomography and Ultrasonography Findings in Blunt Abdominal Trauma in Tertiary Care Hospitals of Central Punjab	International Health Review	НЕСҮ			Department Medical Imaging & Ultrasonography
Comparative Study of Sonographic Evaluation of Common Carotid Intima- Media Thickness Among Obese and Non-Obese Type II Diabetic Patients	The Journal of Health and Rehabilitation Research (JHRR)	HEC Y	3	4	Department Medical Imaging & Ultrasonography
Evaluating the effect of vitamin D3 fortification on physicochemical and sensory properties of yogurt	Cogent Food & Agriculture	HEC W	1	10	Department of Clinical Services
Assessment of Quality of Life for Elderly Residents: A Cross Sectional Study in Nursing Home Settings	Revista de Investigacion e Innovacion en Ciencias de la Salud	HEC Y			Department of Clinical Services
RELATION BETWEEN SMARTPHONE USAGE ADDICTION AND TEXT NECK SYNDROME IN STUDENTS OF LAHORE INSTITUTE OF SCIENCE AND	Pakistan Journal of				Department of Clinical
TECHNOLOGY	Physical Therapy	HEC Y	1	7	Services
Normative Value of Strength on Lower Extremity among Geriatic Population Using Dynamometer: A Cross Sectional Study	Pakistan Journal of Physical Therapy (PJPT)	HEC Y	4	7	Department of Clinical Services
COMPARISON OF PRACTICES RELATED TO MID-MORNING SNACKS AMONG SCHOOL GIRLS OF DIFFERENT SOCIOECONOMIC STATUS	COMPARISON OF PRACTICES RELATED TO MID-MORNING SNACKS AMONG SCHOOL GIRLS OF DIFFERENT SOCIOECONOMIC STATUS	HEC Y	1	5	Department of Clinical Services
SCREENING ASSESSMENT AND EVALUATION OF MACRONUTRIENTS & THEIR COMPONENTS INTAKE AMONG CARDIAC PATIENTS AT TERTIARY CARE HOSPITAL OF LAHORE	International Journal of Pharmacy & Integrated Health Sciences	HEC Y	2	5	Department of Clinical Services
COMPARISON OF DIETARY INTAKE WITH USDA MY PLATE GUIDELINES IN IN-PATIENTS SETUP AT TERTIARY CARE HOSPITAL OF LAHORE	International Journal of Pharmacy & Integrated Health Sciences	нес у	2	5	Department of Clinical Services
Association of restless leg syndrome with fatigue and sleep quality among students taking paracetamol	Journal of Contemporary Pharmacy	HECY	1	8	Department of Clinical Services
Level of Physical Activity among Working Females Wearing High Heels	journal of health and rehabilitation research	HECY	1	4	Department of Clinical Services

Effects of Aerobic Exercise on Blood					
Pressure and Sleep Quality in	Journal of Health &				Department of Clinical
Hypertensive Postmenopausal Female	Rehabilitation Research	HEC Y	2	4	Services
Trypertensive i ostinenopausuri emale	The Habilitation Research	11201		7	56111665
Association of Smartphone Overuse	Journal of health and				Department of Clinical
with Hand Discomfort in University	rehabilitation research	HEC Y	3	4	Services
Proficiency and Ethical Standards: A				•	
Cross-Sectional Survey of					
Postgraduate Physical Therapy	Journal Riphah College of				Department of Clinical
Students at RCRS Lahore	Rehabilitation Sciences	HEC Y	3	12	Services
ASSOCIATION OF MUSCULOSKELETAL					
PAIN WITH WEIGHT LIFTING IN	Insights-Journal of Health				Department of Clinical
CONSTRUCTION WORKERS OF LAHORE	and Rehabilitation	HEC Y	2	2	Services
Food Advertisement and Marketing					
Policies Aimed at Reducing Childhood					
Obesity: A Review of Existing					Department of
Regulations in High-Income Countries	Public Health Reviews	HEC X		45	Nutrition & Dietetics
Herbal diets: Directions for improving					Department of
health and wellness	Nutrition and Health	HEC Y	1	30	Nutrition & Dietetics
MATERNAL NUTRITION AND					
POSTNATAL RISK FACTORS: IMPACT					
ON GROWTH AND DEVELOPMENT OF					
PAKISTANI INFANTS - FINDINGS FROM					
THE LAHORE BIRTH COHORT STUDY	COMMUNITY				Department of
(LBCS)	PRACTITIONER	HEC Y	7	21	Nutrition & Dietetics
Protective Effect of Commonly Used					
Foods and Natural Products against					Department of
COVID-19	BioScientific Review (BSR)	HEC Y	2	6	Nutrition & Dietetics
Dietary Habits and their Impact on	Lahore Garrison				
Physical Symptoms Severity in Young	University Journal of Life				Department of
Females Diagnosed with PCOS	Sciences	HEC Y	1	8	Nutrition & Dietetics
DEVELOPMENT OF NUTRIENT					
ENRICHED FLOUR BLEND FROM OATS	Journal of Akhtar Saeed				Department of
CHIA SEEDS AND SPINACH	Medical & Dental College	HEC Y	4	6	Nutrition & Dietetics
Impact of Work Overload on Dietary					
Habits Sleep Quality and Well-Being					
Among University Employees in					Department of
Lahore Pakistan	TSF JOURNAL OF BIOLOGY	HEC Y	2	2	Nutrition & Dietetics
Comparative effects of fascial					
distortion model with and without					Department of Physical
					Therapy and
neuromuscular inhibition technique	Disability and				Rehabilitation
on pain range of motion and quality	Disability and	LIECYM		45	
of life in patients with piriformis	Rehabilitation	HEC W		45	
Effects of clamshell exercises in					Department of Physical
terminal extension lag after ACL	The Man	LIECY		40	Therapy and
reconstruction	The Knee	HEC W		48	Rehabilitation

Effects of kinectA¢â,¬Abased virtual reality training on bone mineral density and fracture risk in postmenopausal women with osteopenia: a randomized controlled trial	scientific reports	HEC W	2024		Department of Physical Therapy and Rehabilitation
Comparative effects of post isometric relaxation technique and Bowenââ,-â,,¢s therapy on pain range of motion and function in patients with temporomandibular joint disorder	BMC Oral Health	HEC W	1	24	Department of Physical Therapy and Rehabilitation
Effects of exercise on sex steroid hormones (estrogen progesterone testosterone) in eumenorrheic females: A systematic to review and meta-analysis	BMC Womens Health	HEC W	1	24	Department of Physical Therapy and Rehabilitation
Gamified Exercise with Kinect: Can Kinect-Based Virtual Reality Training Improve Physical Performance and Quality of Life in Postmenopausal Women with Osteopenia? A Randomized Controlled Trial	Sensors	HEC W			Department of Physical Therapy and Rehabilitation
Comparison of muscle energy technique and mobilization with movement to reduce pain and improve functional status in subjects with anterior innominate ilio-sacral dysfunction	Journal of Bodywork and Movement Therapies	HEC W		40	Department of Physical Therapy and Rehabilitation
EFFECTS OF 8-WEEKS SYSTEMATIC CORRECTIVE EXERCISE PROGRAM ON BODY POSTURE AND STABILITY IN PRONATION DISTORTION SYNDROME	Journal of Population Therapeutics & Clinical Pharmacology	HEC X	4	31	Department of Physical Therapy and Rehabilitation
Effects of kinesio taping with and without active release technique in carpal tunnel syndrome	Hand Surgery and Rehabilitation	HECX	1	43	Department of Physical Therapy and Rehabilitation
BRONCHITIS CAUSED BY BACTERIA THAT LASTS FOR AN EXTENDED PERIOD IN CHILDREN	Journal of Population Therapeutics and Clinical Pharmacology	HECX	9	31	Department of Physical Therapy and Rehabilitation
RELATIONS OF COLORECTAL CANCER WITH GENDER AGE AND LIFESTYLE DIFFERENCE OVER AGE 45 YEARS SCREENED BY COLONOSCOPY IN LAHORE FROM 2022-2023	Journal of population therapeutics and clinical pharmacology	HEC X		31	Department of Physical Therapy and Rehabilitation
EFFECTS OF 6-WEEKS PILATES EXERCISE VERSUS NEURAL DYNAMIC MOBILIZATION ON PAIN FLEXIBILITY AND QUALITY OF LIFE IN PATIENTS WITH SCIATICA	Journal of Population Therapeutics & Clinical Pharmacology	HEC X	4	31	Department of Physical Therapy and Rehabilitation

IMPACT OF APP-BASED COGNITIVE	Journal of Population				Department of Physical
TRAINING ON POST-STROKE UPPER	Therapeutics & Clinical				Therapy and
EXTREMITY REHABILITATION	Pharmacology	HEC X	4	31	Rehabilitation
	Pilarinacology	HEC X	4	31	Kenabilitation
IMPACT OF FEAR OF FALL ON FUNCTIONAL INDEPENDENCE AMONG	lournal of Donulation				Department of Physical
	Journal of Population				Department of Physical
COMMUNITY DWELLING OLDER	Therapeutics and Clinical			0.4	Therapy and
ADULTS	Pharmacology	HEC X	9	31	Rehabilitation
"Comparative Effects Of Meter					
"Comparative Effects Of Motor					5
Relearning Program And Action					Department of Physical
Observation Therapy On Balance And					Therapy and
Gait In Chronic Stroke Patients"	Migration Letters	HEC X	13	21	Rehabilitation
Comparative Effects Of Motor					
Relearning Program And Action					Department of Physical
Observation Therapy On Balance And					Therapy and
Gait In Chronic Stroke Patients	Migration Letters	HEC X	13	21	Rehabilitation
EFFECTS OF CRANIOCERVICAL					
FLEXION EXERCISES AND SCAPULAR					
STABILIZATION EXERCISES IN NECK					Department of Physical
PAIN AND FORWARD HEAD POSTURE					Therapy and
AMONG FEMALES WEARING	Pakistan Journal of				Rehabilitation
HEADSCARVES	Rehabilitation	HEC Y	1	13	
EFFECT OF MULLIGAN SPINAL	Renabilitation	TILCT		13	
MOBILIZATION WITH LEG					Department of Physical
	Journal of Population				Department of Physical
MOVEMENT (SMWLM) ALONG WITH	•				Therapy and
KINESIOLOGY TAPING IN SUBJECTS	Therapeutics and Clinical			0.4	Rehabilitation
WITH SCIATICA	Pharmacology	HEC Y	4	31	
Comparison of active release and post-					
	Journal of				Department of Physical
isometric relaxation techniques on					Therapy and
functional performance in patients	musculoskeletal surgery				Rehabilitation
with chronic lateral epicondylitis	and research	HEC Y			
Prevalence of Upper Limb Dysfunction					Department of Physical
in Fashion Designer Students Using	Pakistan Journal of Public				Therapy and
Fades Chairs	Health	HEC Y	1	14	Rehabilitation
Estimating Prevalence of					Department of Physical
Gastrocnemous Contracture and					Therapy and
Disability among Paramedical Staff	Pakistan journal of				Rehabilitation
with Plantar Fasciitis	physical therapy	HEC Y	3	7	Renabilitation
THE PREVALENCE OF BENIGN					Donartment of Physical
PAROXYSMAL POSITIONAL VERTIGO					Department of Physical
AND ITS ASSOCIATION WITH QUALITY	Rehman Journal of Health				Therapy and
OF LIFE	Sciences	HEC Y	2	6	Rehabilitation
Effects of Rhythmic Stabilization and					Department of Physical
Mckenzie Techniques on Pain and					Therapy and
Function in Patients with Non-	Pakistan Journal of health				Rehabilitation
SpeciÃ ⁻ â,¬Âe Chronic Low Back Pain	sciences	HEC Y	5	5	No labilitation
The second contract of		0 ,			Department of Physical
Implementation of Formative	Journal of Health and				Therapy and
Assessment for Learning: A Review	Rehabilitation Research	HEC Y	2	4	Rehabilitation

Professional Quality of Life among					
Healthcare Workers: A Case Study					Department of Physical
· · · · · · · · · · · · · · · · · · ·	International Health				Therapy and
Conducted during the COVID-19	Review	LIECY	1	4	Rehabilitation
Pandemic	Review	HEC Y	1	4	
COMPARATIVE EFFECTS OF					
MACQUARIE INJURY MANAGEMENT					
GROUP PROTOCOL IN ADDITION TO					Department of Physical
					Therapy and
ROUTINE PHYSICAL THERAPY ON PAIN					Rehabilitation
RANGE OF MOTION AND	DIDT/D 1:				
FUNCTIONAL DISABILITY IN PATIENTS	PJPT(Pakistan journal of			_	
WITH KNEE OSTEOARTHRITIS	physical therapy)	HEC Y	2	7	
Prevalence of Pronation Distortion					Department of Physical
Syndrome and Anterior Pelvic Tilt in					Therapy and
Relation to Body Stability among	PAKISTAN BIOMEDICAL				Rehabilitation
Amateur Athletes	JOURNAL	HEC Y	11	7	Renabilitation
Effects of Progressive Resistance	THE HEALEDS: L C				Department of Physical
Exercise Training on Endurance and	THE HEALERS journal of				Therapy and
Functional Mobility in Children with	physical therapy and				Rehabilitation
Spina Bifida	rehabilitation sciences.	HEC Y	2		Renabilitation
ASSESSMENT OF SEVERITY OF IRON					
DEFICIENCY AND ASSOCIATED RISK	International Journal of				Department of Physical
FACTORS AMONG PREGNANT	Pharmacy & Integrated				Therapy and
WOMEN	Health Sciences	HEC Y	1	5	Rehabilitation
					Department of Physical
Evaluation of Balance in Cerebral	journal of rehabilitation				Therapy and
Palsy Children through Nintendo Wii	and clinical research	HEC Y	2	2	Rehabilitation
Effect of Weight Bearing on Medial					Department of Physical
Longitudinal Arch of Foot in Healthy	journal of health and				Therapy and
Adults	rehabilitation research	HEC Y	1	4	Rehabilitation
Association of Breast-Feeding					Department of Physical
Positions with Scapular Dyskinesia in	Journal of Health and				Therapy and
Postpartum Females	Rehabilitation Research	HEC Y	1	4	Rehabilitation
					Department of Physical
	Journal of Health and				Therapy and
Tightness in Patients with Heel Pain	Rehabilitation Research	HEC Y	1	4	Rehabilitation
					Department of Physical
Comparison of Intensive Physical					Therapy and
Therapy and Electrical Stimulation to	journal of health and				Rehabilitation
Reduce Spasticity in Stroke	rehabilitation research	HEC Y	1	4	Renabilitation
Durantan an affiliana i i Gi i i					Demontroph (D)
Prevalence of Hamstring Strain and	1 6 1 1 1				Department of Physical
Association with Fatigue among	Journal of Health and				Therapy and
Domestic Cricketers in Lahore Pakistan	Rehabilitation Research	HEC Y	4	1	Rehabilitation
Efficacy of Maitland Mahilination					
Efficacy of Maitland Mobilization	LOUIDNIAL OF LIFATTU AND				Demontos I (D)
Along with Strengthening Exercises	JOURNAL OF HEALTH AND				Department of Physical
Compared with PNF Technique in	REHABILITATION				Therapy and
Treatment of Adhesive Capsulitis	RESEARCH	HEC Y	2	4	Rehabilitation
Commercial hoteless Fff attitudes					Demontors and a f Division I
Comparison between Effectiveness of	1				Department of Physical
Mets and Static Stretching on	Journal of Health and				Therapy and
Trapezius in Upper Cross Syndrome	Rehabilitation Research	HEC Y	2	4	Rehabilitation

Prevalence and Knowledge of Urinary					
Incontinence and Awareness about					Department of Physical
Physical Therapy Treatment among	Journal of Health and				Therapy and
Young Females of Lahore	Rehabilitation Research	HEC Y	2	4	Rehabilitation
Association Between Neck Pain and	Reliabilitation Research	HEC 1	2	4	Reliabilitation
	JOURNAL OF HEALTH AND				Department of Physical
Level of Disability Among Females	REHABILITATION				Therapy and
Going to Beauty Parlor or Aesthetic	RESEARCH	LIECY	2	4	Rehabilitation
Clinics	RESEARCH	HEC Y	2	4	Renabilitation
Relationship between Sleep Quality					Department of Physical
and Functional Ability in Patients with	insights-journal of health				Therapy and
Chronic Spinal Cord Injury: A Cross-	and rehabilitation	HEC Y	1	2	Rehabilitation
Sectional Study PERCEPTION OF ACTIVE VIDEO	and renabilitation	HEC Y	1	3	Renabilitation
GAMING IN ENHANCEMENT OF					Department of Physical
	Insights-Journal of Health				Therapy and
PHYSICAL ACTIVITY AMONG	and Rehabilitation	LIECY	2	2	Rehabilitation
ADOLESCENTS	and Renabilitation	HEC Y	2	Z	
COMPARATIVE EFFECTS OF					
CALCANEAL LOW-DYE TAPING					Demandary and CDL 1
PLANTAR FASCIA STRETCHING AND					Department of Physical
SHAM TAPING ON ACUTE PLANTAR					Therapy and
	Insights Issued of Hoolth				Rehabilitation
HEEL PAIN AND FUNCTIONAL	Insights-Journal of Health	LIEGY	2	2	
ACTIVITY LEVEL IN FOOTBALL PLAYERS	and Rehabilitation	HEC Y	2	2	
COMPLICATIONS DUE TO POST	INSIGHTS-JOURNAL OF				Department of Physical
OPERATIVE KINESIOPHOBIA IN	HEALTH AND				Therapy and
PATIENTS FOLLOWING MODIFIED		LIFCY	2	2	Rehabilitation
RADICAL MASTECTOMY	REHABILITATION	HEC Y	2	2	
Healthcare Accessibility: Bridging the	INSIGHTS-JOURNAL OF				Department of Physical
Gap in Allied Health Services	HEALTH AND	LIECY	1	2	Therapy and
•	REHABILITATION	HEC Y	1	2	Rehabilitation
PREVALENCE OF THORACIC OUTLET SYNDROME IN WORKERS AND	Pakistan Journal of				Department of Physical
	Rehabilitation	HEC Y	2	13	Therapy and
PLAYERS OF FAISALABAD	Renabilitation	HEC Y	2	13	Rehabilitation
EFFECTS OF MUSCLE ENERGY					
TECHNIQUE AND POSTURAL					Department of Physical
CORRECTION EXERCISES IN LORDOTIC					Therapy and
FEMALES WEARING HIGH HEELS; A	Rehman Journal of Health				Rehabilitation
QUASI EXPERIMENTAL TRIAL	Sciences	HEC Y	2	6	
QOASI EXI EMIVIENTAL IMAL	Sciences	TILCT	2	U	
Assessing the Dexterity Function of					Department of Physical
Dominant Hand in PUBG Players with	Journal of Rehabilitation				Therapy and
Cell Phone Elbow Syndrome	and Clinical Research	HEC Y	2	2	Rehabilitation
Cell Filotic Libow Sylldrollie	and chinear nescaren	TILCT			
Incidence of Restless Legs Syndrome					Department of Physical
in Pakistan and Its Relationship With					Therapy and
Depression, Gender, and Age: A Cross-					Rehabilitation
Sectional Study	Chronobiology in Medicine	HEC Y	1	6	Renabilitation
	The state of the s	.1201	-		
Reliability and concurrent validity of					Department of Physical
the iHandy level mobile application to					Therapy and
measure thoracolumbar range of					Rehabilitation
motion in low back pain patients	Physiotherapy Quarterly	HEC Y	4	32	Rendomenton
	7				

UMT Research Outlook 2024

School of Health Sciences (SHS)

Department	Publications	W Category	X Category	Y Category
Department Biomedical Laboratory Sciences	8	1	0	7
Department Medical Imaging &	8	1	0	,
Ultrasonography	5	0	2	3
Department of Clinical Services	13	1	0	12
Department of Nutrition & Dietetics	7	1	0	6
Department of Physical Therapy and Rehabilitation	49	7	9	33
Total	82	10	11	61