



# 3<sup>RD</sup> NORTHWEST ANNUAL RESEARCH CONFERENCE PROGRAM SCHEDULE



<b>REGISTRATION</b> Front Desk	
<b>OPENING CEREMONY (04/10/2024)</b>	
8:00 AM - 8:30 AM	Guests to be seated (Stage Secretary, Dr Bilqis Hassan)
8:30 AM - 8:35 AM	Recitation from the Holy Quran
8:35 AM - 8:40 AM	National Anthem
8:40 AM - 8:45 AM	Welcome address by Principal NWSM
8:45 AM - 9:00 AM	Chief guest to open the Conference
<b>DAY – 1</b> <b>(04/10/2024)</b>	
<b>MEDICINE AND ALLIED</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 9:00 AM – 10:36 AM</b>	
<b>Panel of Experts</b>	Prof Dr Iftikhar Ali Shah Prof Dr Muhammad Usman Khattak Dr Tariq Mehr Prof Dr Muhammad Irfan Dr Awais Naeem
9:10 AM - 9:18 AM (2-min Q & A)	MO-1: Association of level of C-reactive protein with positive and negative syndrome scales among patients with schizophrenia Dr Fawad Ahmed
9:18 AM - 9:16 AM (2-min Q & A)	MO-2: Efficacy and safety of distal radial artery access versus proximal radial artery access in cardiac procedures: a systematic review and meta –analysis Dr Hafsa Arshad Azam Raja
9:16 AM - 9:24 AM (2-min Q & A)	MO-3: Audit of fasting practices with international standards in patients undergoing endoscopy Dr Mahnoor Raza
9:24 AM - 9:32 AM (2-min Q & A)	MO-4: Efficacy and safety of triple therapy of Telmisartan/amlodipine/Rosuvastatin in patients with dyslipidemia: A systematic review and meta analysis of randomized control trials Dr Muhammad Umar Afridi
9:32 AM - 9:40AM (2-min Q & A)	MO-5: Optimizing post natal glycemic monitoring in gestational diabetes mellitus patients - A retrospective evaluation of blood glucose testing protocols Dr Syed Wahab Ali Zaidi
9:40 AM - 9:48 AM (2-min Q & A)	MO-6: Unraveling the enigma of myocarditis in a 15 year old male presenting with evolving ST segment changes in acute decompensated heart failure Naeem Khan
9:48 AM - 9:56 AM (2-min Q & A)	MO-7: Complexometric titration of calcium in multi-vitamin brands: Enhancing the accuracy of supplement labels for optimal bone health Dr Muhammad Shahzad Saleem
9:56 AM - 10:04 AM (2-min Q & A)	MO-8: Gut microbiota, metabolites & risk of major adverse cardiovascular events and death: A systematic Review & Meta-analysis Dr Muhammad Asad
10:04 AM - 10:12 AM (2-min Q & A)	MO-9: Pre-admission metformin in diabetic patients with sepsis Saif ur Rahman
10:12 AM - 10:20 AM (2-min Q & A)	MO-10: Effectiveness of platelet rich plasma in hair growth compared to topical minoxidil: A quasi-experimental study Dr Ashraf Ali

10:20 AM - 10:28 AM (2-min Q & A)	MO-11: Trends in chronic renal failure associated mortality: An analysis of racial, gender and geographical disparities (1990-2020) Dr Touba Azeem
10:28 AM - 10:36 AM (2-min Q & A)	MO-12: Comparative analysis of microbial infections in diabetic vs non-diabetic patients Dr Areej
<b>OBS/GYNAE &amp; PAEDIATRICS</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 10:50 AM – 12:42 PM</b>	
<b>Panel of Experts</b>	<b>OBSTETRICS/GYNAECOLOGY (11:00 AM – 12:04 PM)</b> Prof Dr Sidra Jabbar Khan Prof Dr Mehr Un Nisa Prof Dr Bushra Rauf Dr Qamar Un Nisa
10:50 AM - 10:58 AM (2-min Q&A)	OGO-1: The Etiology of Stillbirths using Relevant Condition at Death (ReCoDe) Classification Dr Arzoo Gul Bangash
10:58 AM - 11:06 AM (2-min Q&A)	OGO-2: Previous stillbirth and subsequent perinatal outcomes in a tertiary care hospital in Peshawar Dr Fauzia Afridi
11:06 AM - 11:14 AM (2-min Q&A)	OGO-3: Maternal and fetal outcomes of pregnancies ending between 28th and 37th weeks of Gestation Dr Madina
11:14 AM - 11:22 AM (2-min Q&A)	OGO-4: Postpartum Intrauterine Contraceptive Device: Acceptance and Practices at a Tertiary Care Hospital of Peshawar. Dr Maimoona Qadir
11:22 AM - 11:30 AM (2-min Q&A)	OGO-5: Causes and Outcomes of Pregnancy Related acute kidney injury Dr Nazia Liaqat
11:30 AM - 11:38 AM (2-min Q&A)	OGO-6: Histopathological Spectrum of Ovarian Lesions Undergoing Surgical Management in a Tertiary Care Hospital, An Observational Study Dr Nazish Hayat
11:38 AM - 11:46 AM (2-min Q&A)	OGO-7: Relationship of placental edge thickness and cervical length to gestational age at delivery in patients with placenta previa Dr Wajeeda Syed
11:46 AM - 11:54 PM (2-min Q&A)	OGO-8: Effectiveness of intra-cervical foley's catheter with PGE2 versus PGE2 alone for induction of labour at term pregnancy Romana bibi
<b>Panel of Experts</b>	<b>PAEDIATRICS (12:10 AM – 12:42 PM)</b> Prof Dr Muhammad Arif Prof Dr Bilal Ahmad Sethi
12: 10 PM - 12:18PM (2-min Q & A)	PO-1: Organ involvement and treatment outcomes in MIS-C: A retrospective analysis Dr Abdul Moez
12:18 PM - 12:26 PM (2-min Q & A)	PO-2: Clinical Manifestation and Outcome of Myocarditis in Multisystem Inflammatory Syndrome in Children (MIS-C) Following COVID Dr Muhammad Hamza
12:26 PM - 12:34 PM (2-min Q & A)	PO-3: Insights into Behavioral Challenges in ASD Children in Peshawar Autism Centers and Parental Perspectives on its Management: A mixed method study Mr Malak Amanullah Khan
12:34 PM - 12:42 PM (2-min Q&A)	PO-4: Correlation of Cerebrospinal Fluid Lactate Dehydrogenase with other Inflammatory biomarkers in Pediatric Patients of Meningitis Undergoing Cerebrospinal Fluid Routine Examination in a Tertiary Care Hospital in Peshawar Dr Qazi Kamran Amin
<b>Visit to Posters (Ground Floor)</b> (Posters are displayed in the lobby from 8 AM to 4 PM)	

Panelists/Judges	Dr Mohsin Shafi Dr Momina Ali Dr Najma Baseer Dr Robina Gul Dr Bilqis Hassan
Posters Distribution	Medicine and Allied Obstetrics & Gynecology Paediatrics Students upto STP-30
<b>PRAYER BREAK</b> <b>1:00 PM – 1:45 PM</b>	
<b>STUDENT RESEARCH-I</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 1:45 PM – 3:21 PM</b> <b>(Lunch boxes to be served)</b>	
<b>Panel of Experts</b>	Prof Dr Bushra Iftikhar Prof Dr Iftikhar Qayum
1:45 PM - 1:53 PM (2-min Q & A)	STO-1: Assessment of patient satisfaction in the inpatient department of obstetrics in Private Teaching Hospitals of Peshawar, a comparative study Ms Aleena Farooq
1:53 PM - 2:01 PM (2-min Q & A)	STO-2: Can <i>Sehat</i> Sahulat Program Bridge The Gap Towards Universal Healthcare? A Proposed Study Of Patient Satisfaction And Hospital Finances Ms Syeda Unzila Shah
2:01 PM - 2:09 PM (2-min Q & A)	STO-3: Perceived Stigma Among Psychiatric And Non Psychiatric Patients in DI.Khan Division: A Comparative Study Dr Muhammad Nauman
2:09 PM - 2:17 PM (2-min Q & A)	STO-4: Frequency And Associated Risk Factors Of Urinary Tract Infections Among General Population Of Peshawar; A Cross-Sectional Study Ms Hurria fatima
2:17 PM - 2:25 PM (2-min Q & A)	STO-5: Self-Medication Practices And Rational Drug Use Among Medical Students Ms Irsa Irfan
2:25 PM - 2:33 PM (2-min Q & A)	STO-6: Impact of alexithymia and emotional well-being on self-efficacy of medical students: A cross sectional study Ms Amna Imran
2:33 PM - 2:41 PM (2-min Q & A)	STO-7: Revolutionizing Emergency Care: Healthcare Professionals' Perspectives and Awareness on Rapid Response Team and Automated Alert System Activation in Khyber <i>Pakhtunkhwa's</i> Leading Hospitals Ms Aiman Gulalay
2:41 PM - 2:49 PM (2-min Q & A)	STO-8: Interplay of AI in healthcare: Attitudes and knowledge shaping future specialty choice, a cross-sectional study Dr Ayesha Tahir
2:49 PM - 2:57 PM (2-min Q & A)	STO-9: Minimal Invasive Extracorporeal Circulation versus Standard Cardiopulmonary Bypass for Aortic Valve Replacement: A Systematic Review and Meta-analysis of Randomized Controlled Trials Ms Fazia Khattak
2:57 PM - 3:05 PM (2-min Q & A)	STO-10: The Relationship Between Personality Traits, Emotional Intelligence and Decision Making Styles Among Medical Students: A Cross-Sectional Study Ms Maryam Abdul Moeed
3:05 PM - 3:13 PM (2-min Q & A)	STO-11: Association Of Learning Style with Academic Achievement In Medical Students Of Peshawar Medical College Mr Faiz ul Hassan Gillani
3:13 PM - 3:21 PM (2-min Q & A)	STO-12: Drugs rehabilitation program evaluation and factors contributing to relapse in Peshawar. An exploratory in-depth qualitative perspective of rehabilitation patients Mr Hamza Farooq
<b>STUDENT RESEARCH-II</b> <b>Venue: Lecture Hall 1, Ground Floor</b> <b>Timing: 1:45 PM – 3:21 PM</b>	
<b>Panel of Experts</b>	Dr Naheed Mahsood Prof Dr Saima Abid

1:45 PM - 1:53 PM (2-min Q & A)	STO-13: Awareness of Neural Tube Defects and Prevention Through Folic Acid Use among Women of Child Bearing Age in Peshawar, Pakistan; A Descriptive Cross-Sectional Study Mr Muhammad Haleem Nasar
1:53 PM - 2:01 PM (2-min Q & A)	STO-14: Strategies For Passing The Fellow Of College Of Physicians And Surgeons Of Pakistan (FCPS) Fellowship Entrance Examination: Qualitative Study Of The Views Of The Doctors In Residency Training Mr Syed Abdullah Faisal
2:01 PM - 2:09 PM (2-min Q & A)	STO-15: Health-Related Quality Of Life Among Hospital Employees: A Statistical Study Of Hospitals In Kohat Divison Ms Sara Khan
2:09 PM - 2:17 PM (2-min Q & A)	STO-16: Low-cost Peer-Led Virtual Research Workshops for Medical Students in Pakistan: An Innovative, Scalable, and Sustainable Strategy for Advancing Student Research Mr Zahoor Ahmad Khan
2:17 PM - 2:25 PM (2-min Q & A)	STO-17: Association of Cognitive Abilities with Patterns and Quality of Sleep in Nurses Working in Public and Private Tertiary Care Hospitals: A cross-sectional Study in Pakistan Dr Muhammad Maaz Bin Zahid
2:25 PM - 2:33 PM (2-min Q & A)	STO-18: A Comparative Analysis of Traditional Classroom Learning VS Online Learning Resources Among Medical Students of Khyber Pakhtunkhwa, Pakistan Mr Aban Masaud Mian
2:33 PM - 2:41 PM (2-min Q & A)	STO-19: Trends in Chronic Renal Failure Associated Mortality in the United States: An Analysis of Racial, Gender, and Geographic Disparities (1990-2020) Touba Azeem
2:41 PM - 2:49 PM (2-min Q & A)	STO-20: Satisfaction Of Doctors And Patients From Services Provided On <i>Sehat</i> Card Plus In Tertiary Care Hospitals Of Peshawar, A Cross Sectional Survey Mr Saif Ullah
2:49 PM - 2:57 PM (2-min Q & A)	STO-21: Exploring The Omnipresence Of Diverse Migraine Triggers And The Non-pharmacological Therapeutic Approaches To Address Them Accordingly: A Qualitative Study Ms Aleena Salahuddin
2:57 PM - 3:05 PM (2-min Q & A)	STO-22: Exploring the knowledge, attitude and practices of health care providers regarding surgical management of hemophilia in Peshawar: A qualitative study Ms Husna Shinwari
3:05 PM - 3:13 PM (2-min Q & A)	STO-23: Assessing Healthcare Professionals' Knowledge about Hemophilia and their Adherence to Preoperative Guidelines, A cross sectional study. Mr Muhammad Shayan
3:13 PM - 3:21 PM (2-min Q & A)	STO-24: Spectrum of endoscopic findings in patients with persistent vomiting Ms Noor Afsar

**7:00 PM-9:30 PM**

**GALA DINNER**  
**Chief Guest**  
**Venue: Northwest School of Medicine**

**DAY – 2**  
**(05/10/2024)**

**WORKSHOPS**

	<b>Workshop Title</b>	<b>Venue</b>	<b>Facilitator</b>
9:00 AM-11:00 AM	1. Neonatal Resuscitation Simulation Workshop	Lecture Hall 2, 1 <sup>st</sup> Floor	Paediatrics Dept, NWGH
	2. From Data to Meaning: An Introduction to Qualitative Research	Tutorial No 3, 1 <sup>st</sup> Floor	Prof. Dr. Waqar Ali
	3. Automate Your Research: Explore Artificial Intelligence (AI) Research Assistant	Principal Secretariat, Ground Floor	Dr. Bilqis Hassan Tutorial No 4, 1 <sup>st</sup> Floor
	4. Conducting Clinical Audits	Lecture Hall 1, Ground Floor	Dr. Almas Fasih Khattak
	5. Scoping the Future: Unveiling the Power of Reviews in Medical Research	Tutorial No 4, 1 <sup>st</sup> Floor	Dr. Naheed Mahsood
	6. Basic Animal Handling Skills and Research Applications	Cyber Anatomy, Ground Floor	Dr. Sarwat Jahan

	7. Immunohistochemistry for lympho-proliferative disorders	Histopathology Lab, Basement 1	Dr. Munawar Ali Shah
<b>SURGERY AND ALLIED</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 11:00 AM – 12:30 PM</b>			
<b>Panel of Experts</b>	Prof Dr Zubair Ahmad Khan Prof Dr Mian Noushad Ali Kakakhel Prof Dr Mohammad Zarin		
11:00 AM - 11:08 AM (2-min Q & A)	SO-1: Outcomes of endoscopic myringoplasty in terms of graft take up and hearing improvement Ihtisham ul Haq		
11:08 AM - 11:16 AM (2-min Q & A)	SO-2: The functional outcome of muscle slide technique in volkmann ischemia contracture Dr. Wasim Khan		
11:16 AM - 11:24 AM (2-min Q & A)	SO-3: Outcomes of staging laparoscopy in upper GI cancer pateints in single unit by single surgeon Dr. Muhammad Waqas		
11:24 AM - 11:32 AM (2-min Q & A)	SO-4: Comparison of Stone score, Guy's stone score, CROES Nomogram, & Seoul National University Renal Stone Complexity Score in Prognosticating Outcomes of Multiple-Tract Mini-Percutaneous Nephro-lithotomy: A Retrospective Study Khalid Farooq		
11:32 AM - 11:40 AM (2-min Q & A)	SO-5: Rehabilitation in Esophageal Cancer Surgery: Integration of Enhanced Recovery after Surgery (ERAS) Protocol Dr. Mahnoor Asim		
11:40 AM - 11:48 AM (2-min Q & A)	SO-6: Management of Club foot, A narrative Review Dr. Sikandar Hayat		
11:48 AM - 11:56 AM (2-min Q & A)	SO-7: Short term Neurological Outcomes of Microsurgical Release of Tethered Cord Dr. Syed Jawad Ahmad		
11:56 AM - 12:04 PM (2-min Q & A)	SO-8: Accessing the necessity and utilization of post-operative intensive care in hepato-pancreatico-biliary (HPB) surgeries. Is it time to change our practice? Dr. Asad Ullah Khan or Fatima Gillani		
12:04 PM - 12:12 PM (2-min Q & A)	SO-9: Battle of the Protocols: Assessing the effectiveness of Cross vs. FLOT in Esophageal Adenocarcinoma Dr. Furqan Ul Haq		
12:12 PM - 12:20 PM (2-min Q & A)	SO-10: Sphincter Preservation in Anastomotic Leak Patients Following Low Anterior resection: A Novel Technique Dr. Mariam Asad		
12:20 PM - 12:28 PM (2-min Q & A)	SO-11: Outcome of ultrasound guided erector spinae plane block in patients undergoing laparoscopic bariatric surgery in Tertiary care hospital of Peshawar Dr Muhammad Bilawal Khan		
<b><u>Visit to Posters (Ground Floor)</u></b> (Posters are displayed in the lobby from 8 AM to 4 PM)			
<b>Panelists/Judges</b>	Prof Dr M Tariq Prof Dr Nazish Waheed Prof Dr Rashid Mahmood Dr Muhammad Hafeez		
<b>Posters Distribution</b>	Students after STP-30 Surgery and Allied Basic Sciences		
<b>PRAYER BREAK</b> <b>1:00 PM – 1:45 PM</b>			

## BASIC SCIENCES

**Venue: Auditorium, Basement-3**

**Timing: 1:45 PM – 3:30 PM**

**(Lunch Boxes to be served)**

<b>Panel of Experts</b>	Prof Dr Zilli Huma. Prof Dr Sofia Kabir Dr Naseer Ahmad
1:45 PM-1:53 PM (2-min Q & A)	BSO-1: Mutational analysis of different consanguineous autosomal families of short stature and skeletal dysplasias of Khyber Pakhtunkhwa, Pakistan Mr Amir Atlas
1:53 PM - 2:01 PM (2-min Q & A)	BSO-2: Cholera- A Challenge to Curtail in Developing Countries Dr Afnan Naeem
2:01 PM - 2:09 PM (2-min Q & A)	BSO-3: In-Silico Vaccine Development Dr Amir Zaman
2:09 PM - 2:17 PM (2-min Q & A)	BSO-4: Effect of Hypo-caloric, Protein-rich Diet on Resting Metabolic Rate (RMR) and its Variation according to Fat Mass and Obesity associated (FTO) Gene Dr Aneela Siddique
2:17 PM - 2:25 PM (2-min Q & A)	BSO-5: Discrepancies/Concordances between Intraoperative Frozen section and Permanent Histopathological diagnosis of Central Nervous System Tumors Dr Mohibullah Khan
2:25 PM - 2:33 PM (2-min Q & A)	BSO-6: Genetic Profiling of Biotin Responsive Multiple Carboxylase Deficiencies (MCD) in Consanguineous Families of Khyber Pakhtunkhwa Dr Naumana Rehman
2:33 AM - 2:41 AM (2-min Q & A)	BSO-7: Patterns of rapidly developing resistance in micro-organisms Dr Saman Hussain Shahid
2:41 PM - 2:49 PM (2-min Q & A)	BSO-8: Molecular Analysis of Carbapenem and Aminoglycoside Resistance Genes in Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> Clinical Strains: A Challenge for Tertiary Care Hospitals Dr Nakhshab Choudhry
2:49 PM - 2:57 PM (2-min Q & A)	BSO-9: Clinical audit on Hand Hygiene in Medicine Ward of Northwest General Hospital Dr Rija Sohail
2:57 PM - 3:05 PM (2-min Q & A)	BSO-10: Relation Of High Sensitivity C-Reactive Protein With Acute Myocardial Infarction in Patients With Type-2 Diabetes Mellitus Dr Munir Hussain
3:05 PM-3:13 PM (2-min Q & A)	BSO-11: Prevalence of antibiotic resistance of <i>salmonella</i> specie in Pakistan: A systematic Review & Meta Analysis Mr Aftab Ullah
3:13 PM-3:21 PM (2-min Q & A)	BSO-12: Reflective practices Among postgraduate medical students to improve their learning outcomes Dr Sahar Mufti
<b>Closing Ceremony</b>	
<b>Venue: Auditorium, Basement-3</b>	
<b>(Timing: 3:21 PM-4:10 PM)</b>	
3:21 PM-3:30 PM	Guest to be seated (Stage Secretary: Dr Nadia Qazi)
3:30 PM-3:40 PM	Conference Summary: Dr. Almas Fasih Khattak
3:40 PM-3:50 PM	Speech by Chief Guest (Prof Dr Tariq Khan Hashim)
3:50 PM-4:00 PM	Certificate Distribution / Prize Distribution
4:00 PM-4:10 PM	Vote of Thanks, Prof. Dr. Waqar Ali

Contact us: [researchconference@nwsu.edu.pk](mailto:researchconference@nwsu.edu.pk)