



## 4th NORTHWEST ANNUAL RESEARCH CONFERENCE PROGRAM SCHEDULE



<b>REGISTRATION</b> Front Desk	
<b>Opening Ceremony + Keynote Talks (23/04/2026)</b>	
9:00 AM - 9:10 AM	Guests to be seated (Stage Secretary, Dr. Bilqis Hassan)
9:10 AM - 9:15 AM	Recitation From the Holy Quran
9:15 AM - 9:20 AM	National Anthem
9:20 AM - 9:25 AM	Welcome Address by Principal NWSM
9:25 AM - 9:30 AM	Address by CEO AHL
9:30 AM - 9:40 AM	Address by the Chief Guest
9:40 AM - 9:45 AM	Awarding Shields to NJMS Editors for Excellence
9:45 AM - 10:00AM	Research for Care Prof. Dr. Obaidullah Professor, Plastic Surgery NWGH&RC
10:00 AM - 10:15AM	Research That Matters In Local Perspective: Success Stories of Translational Urological Research Prof. Dr. Liaqat Ali Professor, Urology Institute of Kidney Diseases.
10:15 AM - 10:30AM	Feasibility Is Not Dumbing Down: Why Research That Matters Must First Be Made Simple Prof. Dr. Muhammad Irfan Professor, Psychiatry Peshawar Medical College
10:30 AM - 10:45AM	Getting on the Research Ladder Dr. Imran Mohib Associate Professor, ENT NWGH&RC
10:45 AM - 11:00AM	What is Research, Really? Rethinking Purpose and Practice Dr. Naseer Ahmed Director Research Rehman College of Dentistry
<b>DAY – 1</b> <b>(23/04/2026)</b>	
<b>Medicine And Allied</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 11:05 AM – 1:00 PM</b>	
<b>Panel of Experts</b>	Prof. Dr. Iftikhar Ali Shah Prof. Dr. Tariq Mehr Dr. Awais Naeem
11:05 AM – 11:15 AM (3-min Q & A)	MAO 1: Dose-Dependent Efficacy And Safety Of Olezarsen (Tryngolza) In Hypertriglyceridemia: A Systematic Review And Meta-Analysis With Extensive Subgroup Analyses Dr Fawad Ahmed
11:15 AM - 11:25 AM (3-min Q & A)	MAO 2: Diagnostic Accuracy Of Mri Pi-Rads To Diagnose Prostate Cancer, Keeping Histopathology As Gold Standard Ghazala Wahid
11:25 AM – 11:35 AM (3-min Q & A)	MAO 3: Demographic Profile and Clinical Factors Associated with Symptom Severity in Carpal Tunnel Syndrome: A Hospital Based Study from Khyber Pakhtunkhwa. Sadiq Ali Shah

11:35 AM - 11:45 AM (3-min Q & A)	MAO 4: Diagnostic Accuracy of Computed Tomography (CT) Scan in the Detection of Mandibular Invasion in Oral Squamous Cell Carcinoma (OSCC) Using Histopathology as the Gold Standard Naila Tamkeen
11:45 AM - 11:55 AM (3-min Q & A)	MAO 5: Ticagrelor-Based Antiplatelet Therapy Versus Aspirin Alone After Coronary Artery Bypass Grafting: A Systematic Review and Meta-Analysis with trial sequential analysis Naveed Ahmed Khan
11:55 AM - 12:05 PM (3-min Q & A)	MAO 6: Comparative Analysis Of Simplicity, Safety, Convenience, And Efficacy Of Insulin Delivery Devices In Patients With Diabetes Presenting To Tertiary Care In Peshawar. Kashif Shehzad
12:05 PM - 12:15 PM (3-min Q & A)	MAO 7: Factors Associated With Functional Impairment In Schizophrenia. Amer Abbas
12:15 PM - 12:25 PM (3-min Q & A)	MAO 8: Depression Among Patients With Substance Use Disorder In A Rehabilitation Psychiatry Unit: A Study From Khyber Teaching Hospital, Peshawar Muhammad Mujtaba
12:25 PM - 12:35 PM (3-min Q & A)	MAO 9: Seeing Beyond The Lumen: Ivus Guided Optimization Of Coronary Stenting In High-Risk Lesions-A Retrospective Study Alina Batool
12:35 PM - 12:45 PM (3-min Q & A)	MAO 10: Assessment Of Knowledge Of Radiologists About Artificial Intelligence In Diagnostic Radiology Mahnoor Rehman Khan
<b>Lunch and Prayer Break 1:00 PM to 2:00 PM</b>	
<b>Surgery and Allied Venue: Auditorium, Basement-3 Timing: 2:05 PM – 4:00 PM</b>	
<b>Panel of Experts</b>	Prof. Dr. Tariq Jabbar Prof. Dr. Khurshid Ahmad Prof. Dr. Zubair Ahmad Khan
2:05 PM – 2:15 PM (3-min Q & A)	SAO 1: Comparative Outcomes of Surgical vs. Non-surgical Management of Small Renal Masses: A Systematic Review and Meta-Analysis. Abdul Haseeb
2:15 PM – 2:25 PM (3-min Q & A)	SAO 2: Comparative Study of Robotic vs Conventional Minimally Invasive Esophagectomy Nasir Ali Shah
2:25 PM – 2:35 PM (3-min Q & A)	SAO 3: Clinicodemographics Profile, Histopathological Spectrum And Post Operative Outcomes Of Brain Tumor Patients: A Prospective Analysis From A Tertiary Care Center Sher Ali
2:35 PM – 2: 45 PM (3-min Q & A)	SAO 4: Diagnostic Performance of the Infrascanner 2000 Hemorrhage in Traumatic Brain Injury Patients in Pakistan Ahmad Reshad Payenda
2:45 PM – 2:55 PM (3-min Q & A)	SAO 5: Trifecta Analysis of Open Nephron Sparing Surgery in Renal Tumors. Shehzad Faiz
2:55 PM – 3:05 PM (3-min Q & A)	SAO 6: Comparison of Propofol-Based Total Intravenous Anesthetics Versus Volatile anesthetics on Postoperative Cognitive Function and Delirium After Adult Cardiac Surgery: An Updated Systematic Review and Meta-Analysis Syed Muhammad Momin
3:05 PM – 3:15 PM (3-min Q & A)	SAO 7: Intraoperative Outcomes Of Laparoscopic Adrenalectomy: A Prospective Study At Khyber Teaching Hospital Momina Mustafa
3:15 PM – 3:25 PM (3-min Q & A)	SAO 8: Early Clinical Outcomes Following Laparoscopic Pylorus-Preserving Versus Classical Pancreaticoduodenectomy: A Prospective Study Momina Mustafa
3:25 PM – 3:35 PM (3-min Q & A)	SAO 9: Comparative Effectiveness of Del-Nido Cardioplegia in Pediatrics vs. Adult Open Cardiac Surgery for Congenital and Acquired Valvular, Coronary, and Structural cardiac lesions: A Multi-Center Study in Peshawar. Shahzad Khan
3:35 PM – 3:45 PM (3-min Q & A)	SAO 10: Effectiveness Of Pre-Operative Pulmonary Rehabilitation (Prehab) In Reducing Postoperative Pulmonary Complications (Ppcs) Following Mitral Valve Replacement (Mvr) Surgery: A Randomized Control Trial Shahzad Khan

**Parallel Posters Presentation\***

<b>Panel of Experts for Poster Presentation</b>	
23/04/2026	Prof. Dr. Ayaz Ayub Prof. Dr. Sikandar Hayat Dr. Mohammad Imran Marwat Dr. Muhammad Hafeez

***Gala Dinner (For Guests and Faculty)***  
***23/04/2026***  
***7:30 pm***  
***Venue: Northwest School of Medicine***

**DAY-2**  
**24-04-2026**

**Student Research**  
**Venue: Auditorium, Basement 3**  
**Timing: 9:00 AM to 11:05 AM**

<b>Panel of Experts</b>	Prof. Dr. Saima Abid Prof. Dr. Robeena Gul Prof. Dr. Nazish Waheed
9:00 AM – 9:10 AM (3-min Q & A)	SO 1: Effectiveness of Low-Dose Combination Therapy Versus Standard Care in Reducing Symptoms Among Hypertensive Patients: A Systematic Review and Meta-Analysis Muhammad Idrees
9:10 AM – 9:20 AM (3-min Q & A)	SO 2: Identifying Factors Associated With High-Risk Obstructive Sleep Apnea (Osa) Among Hypertensive Patients: A Case-Control Study In A Tertiary Care Hospital In Pakistan Ihtisham Ul Haq
9:20 AM – 9:30 AM (3-min Q & A)	SO 3: Ethical Perceptions of Euthanasia Among Medical and Non-Medical Undergraduate Students in Pakistan: A Qualitative Exploratory Study Syeda Fatima Qamar
9:30 AM – 9:40 AM (3-min Q & A)	SO 4: Perceived Stigma Among Psychiatric And Non-Psychiatric Patients In D.I.Khan Division: A Comparative Study Muhammad Nauman
9:40 AM – 9:50 AM (3-min Q & A)	SO 5: Frequency of Vitamin D deficiency in STEMI Patients. Rabia Tahir
9:50 AM – 10:00 AM (3-min Q & A)	SO 6: Lidocaine for Pain Control in Rib Fracture: A Systematic review and meta-analysis Mushtaq Ahmad
10:00 AM – 10:05 AM (3-min Q & A)	SO 7: Adjunctive Vitamin D Supplementation Improves Early Sputum Smear And Culture Conversion Rates In Patients Receiving Standard Anti-Tuberculosis Therapy. Mohammad Idrees
10:05 AM – 10:15 AM (3-min Q & A)	SO 8: Effectiveness of Low-Dose Combination Therapy Versus Standard Care in Reducing Symptoms Among Hypertensive Patients: A Systematic Review and Meta-Analysis Mohammad idrees
10:15 AM – 10:25 AM (3-min Q & A)	SO 9: Dual Antithrombotic Therapy Versus Anticoagulation Alone After Ischemic Stroke in Patients With Atrial Fibrillation and Atherosclerotic Disease: A Meta-Analysis of Efficacy and Safety Mushtaq Ahmad
10:25 AM – 10:35 AM (3-min Q & A)	SO 10: Probing The Perspective: A Cross-Sectional Study On The Knowledge, Attitude, And Practice Barriers Towards Cervical Cancer Screening Among Women Presenting To Tertiary Care Hospitals In Peshawar, Pakistan. Mehrosh Abid Ali
10:35 AM – 10:45 AM (3-min Q & A)	SO 11: Effectiveness Of Intramuscular Ketamine As An Adjunct To Standard Care For Reducing Emergence Agitation In Nasal Surgery Patients Ali Raza
10:45 AM – 10:55 AM (3-min Q & A)	SO 12: Association of Ear Creases with Ischemic Heart Disease: A Matched Case–Control Study in Peshawar, Pakistan Abdul Muiz
10:55 AM – 11:05 AM (3-min Q & A)	SO 13: Efficacy And Safety Of Olezarsen In High-Risk Hypertriglyceridemia Patients: A Systematic Review And Meta-Analysis Of Randomized Controlled Trials With Dose-Response And Obesity Sub-Groups Analysis, Pakistan Aizaz Anwar Khalid

**Pediatrics**  
**Venue: Auditorium, Basement-3**  
**Timing: 11:05 AM – 12:05 PM**

<b>Panel of Experts</b>	Prof. Dr. Bilal Ahmad Sethi Prof. Dr. Muhammad Arif Prof. Dr. Aqeel Khattak
11:05 AM - 11:15 AM (3-min Q & A)	PO 1: Frequency of Hypocalcemia in Children Aged Less Than Two Years Presenting with First Afebrile Seizure Habiba Noor

11:15 AM - 11:25 AM (3-min Q & A)	PO 2: Frequency Of Immediate Complications Of Meningitis In Pediatric Population Of District Peshawar: A Cross-Sectional Study Muhammad Mujtaba
11:25 AM - 11:35 AM (3-min Q & A)	PO 3: Case Report: Congenital Insensitivity To Pain Without Anhidrosis Muhammad Mujtaba
11:35 AM - 11:45 AM (3-min Q & A)	PO 4: Frequency of Neonatal Jaundice in Polycythemic Infants Admitted to the Intensive Care Unit: A Cross-Sectional Study Muhammad Mujtaba
11:45 AM - 11:55 AM (3-min Q & A)	PO 5: Effects of type and age of introduction of weaning on nutritional status of children under 5 years: A case control study Arshia Munir
11:55 AM - 12:05 PM (3-min Q & A)	PO 6: Effectiveness of Educational Interventions on Maternal Knowledge, Perceptions, and Satisfaction Regarding Neonatal Danger Signs: A Mixed-Method Three-Arm Randomized Controlled Trial Mohammad Danial
<b>Obstetrics/Gynecology</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 12:05 PM – 1:15 PM</b>	
<b>Panel of Experts</b>	Prof. Dr. Sidra Jabbar Khan Prof. Dr. Mehr Un Nisa Prof. Dr. Bushra Rauf
12:05 PM - 12:15 PM (3-min Q & A)	OGO 1: Role Of Shock Index In Predicting Adverse Maternal Outcome At Term Rukhsana Karim
12:15 AM - 12:25 PM (3-min Q & A)	OGO 2: Women With Postpartum Hemorrhage At A Tertiary Care Hospital: Frequency, Risk Factors, And Clinical Outcomes Rubina Akhtar
12:25 PM - 12:35 PM (3-min Q & A)	OGO 3: Effectiveness Of Misoprostol Combined With Foley Catheter During The Second Trimester For Termination Of Pregnancy Tayyaba Tahir
12:35 PM - 12:45 PM (3-min Q & A)	OGO 4: Calibrated Drapes: Game Changer For PPH Nasreen Kishwar
12:45 PM - 12:55 PM (3-min Q & A)	OGO 5: Awareness regarding family planning among women attending the tertiary care hospital of District Peshawar Muhammad Mujtaba
12:55 PM - 1:05 PM (3-min Q & A)	OGO 6: Relationship Between Umbilical Cord pH, Fetal Distress & Neonatal Outcome Hafiza Marwa Farooq
1:05 PM - 1:15 PM (3-min Q & A)	OGO 7: Long-Term Outcomes and Quality of Life (QoL) Following Mid-Urethral Sling Surgery at AKU: A 14-Year Review in the Context of the Mesh Debate Anum Malik
<b>Lunch and Prayer Break</b> <b>(1:15 PM to 2:00 PM)</b>	
<b>Basic Sciences</b> <b>Venue: Auditorium, Basement-3</b> <b>Timing: 2:00 PM – 4:05 PM</b>	
<b>Panel of Experts</b>	Prof. Dr. Bushra Iftikhar Prof. Dr. Naila Hadi Prof. Dr. Khalid Rehman
2:05 PM-2:15 PM (3-min Q & A)	BSO 1: Anatomical Variation In The Foramen Rotundum And Its Clinical Significance Qurat-ul-Ain
2:15 PM – 2:25 PM (3-min Q & A)	BSO 2: Exploring Pakistani Undergraduate Medical Students, Preferences: A Comparative Analysis Of Problem Based Learning Vs Lecture Based Learning Urooj Ali
2:25 PM – 2:35 PM (3-min Q & A)	BSO 3: Role of Turmeric (Curcuma Longa) in Protection Against Methotrexate Induced Sinusoidal Congestion in the Liver of Albino Mice Farah Deebea
2:35 PM - 2:45 PM (3-min Q & A)	BSO 4: Institutional Determinants of Workplace Violence Against Healthcare Workers: Evidence from Public and Private Hospitals in Pakistan Wajahat Usman

2:45 PM - 2:55 PM (3-min Q & A)	BSO 5: Association Of Vitamin D Levels And Vitamin D Receptor Gene Polymorphisms In Preobese And Obese Individuals From Pashtun Ethnicity Of Pakistan Waheed Iqbal
2:55 PM - 3:05 PM (3-min Q & A)	BSO 6: "Medical Students and Research: Assessing the Gaps in Supervision, Resources, and Competency" Farida Ahmad
3:05 PM - 3:15 PM (3-min Q & A)	BSO 7: Blood and Food Biomolecules: Analytical Assessment & Monitoring of Concentrations, Nutritional Values, Biological Values, with Reference to Accurate Health Implications and Disorders Risks Idrees Ali
3:15 PM - 3:35 PM (3-min Q & A)	BSO 8: The Cost And Health Impacts Of Ambient Air Pollution In Peshawar: A Mixed Method Adil Zareef
3:35 PM - 3:45 PM (3-min Q & A)	BSO 9: Data Analysis For Demographic Trends In Malignant Tumors In A Tertiary Care Hospital, Peshawar Bakhtawar Kamal
3:45 PM-3:55 PM (3-min Q & A)	BSO 10: Comparative Neuroprotective Efficacy of Emodin Versus Dimethyl Fumarate in Parkinson's Disease: Nrf2-Mediated In Silico and In Vivo Study Sarwat Jahan
3:55 PM - 4:05 PM (3-min Q & A)	BSO 11: Role of Familial Predisposition and Moderate Exercise in Oxidative Stress and Antioxidant Capacity in Prediabetes Zubia Shah

#### Parallel Posters Presentation\*

<b>Panel of Experts for Poster Presentation</b>	
24/04/2026	Dr. Najma Baseer Prof. Dr. Ali Raza Prof. Dr. Farhat Rehana Malik Dr. Hala Rajab

<b>Closing Ceremony</b> <b>Venue: Auditorium, Basement-3</b> <b>(Timing: 4:05 PM-4:55 PM)</b>	
4:05 PM-4:15 PM	Guest To Be Seated (Stage Secretary: Ms. Zarghuna Akbar)
4:15 PM-4:25 PM	Speech by Chief Guest
4:25 PM-4:35 PM	Certificate Distribution / Prize Distribution
4:35 PM-4:55 PM	Conference Summary &Vote of Thanks: Prof. Dr. Waqar Ali

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