



NU 1st International Higher Education Conference on Health Professions Education

February 3–5, 2026

Oman Convention & Exhibition Centre (OCEC), Muscat

Hosted by: College of Medicine & Health Sciences (COMHS)
National University of Science & Technology (NU), Oman

SCIENTIFIC PROGRAM

TUESDAY, FEBRUARY 3, 2026

Pre-Conference Workshops

Morning workshops: 09:30 – 12:30 pm (Parallel)

- 1. Leading and Sustaining Curricular Change in Health Professions Education**

Janet Grant

Professor, University College London Medical School; and Director, CenMEDIC, United Kingdom.

- 2. Developing Health Professions Educators Through Reflective Practice on Teaching**

John Sandars

Professor of Medical Education, School of Medicine, Edge Hill University, Lancashire, UK.

3. Tips and Tools for Integrating Interprofessional Education into Health Professions Curriculum

Alla El Awaisi

Director of Clinical Operations and Engagement, Head of the Interprofessional Education Program, Qatar University, Doha.

4. Coaching and Mentoring in Health Professions Education

Susan Waller

Senior research Fellow Monash University Australia. Former Co-Director Medical Simulation and Clinical Skills Centre, UAE University, Al Ain, UAE.

5. Integrating AI into Health Professions Curriculum

Kenneth Masters

Professor, Medical Informatics, Sultan Qaboos University, Muscat, Oman.

Afternoon workshops: 1:30 – 4:30 PM (Parallel)

1. Workplace-Based Assessment

John J. Norcini

Research Professor, Upstate Medical University, USA.

2. Online Learning in Health Professions Education: Design to Delivery

Chris Tuffnell

Education Consultant & Head of Digital Learning & Teaching, University of Wollongong, Dubai & Australia & The Skills Network, UK.

3. Advancing HPE Through Simulation-Based Approaches

Jacqueline Maria Dias

Chair, Nursing, College of Health Sciences, University of Sharjah, UAE

4. Integrating Social Accountability into the Health Professions Curriculum

Mohamed Hassan Taha

Director, Medical Education Centre, University of Sharjah, UAE.

5. Embedding Patient Safety in the HPE Curriculum

Fatma. S.O. Al Dhabbari

Director of the Development and Quality Department, Sultan Qaboos University, Muscat, Oman.

DAY 1: WEDNESDAY, FEBRUARY 4, 2026

Morning Sessions

08:00 – 09:00 | Registration

09:00 – 10:15 | Formal Inauguration (includes Inaugural Keynote address by Prof. Richard K. Reznick: “*Transforming Health Professions Education to Improve Health Care Outcome: An Evidence-informed Global Perspective*” followed by honouring of Speakers & Sponsors)

10:15 – 10:45 | Formal Inauguration of Poster Display

10:45 – 11:15 | Plenary 1

Redefining Health Professions Education in the Post-Artificial Intelligence Era
Prof. Janet Grant

Professor, University College London Medical School; and Director, CenMEDIC, United Kingdom.

11:15 – 11:45 | Plenary 2

Using Design Thinking in Health Professions Education
Prof. John Sandars

Professor of Medical Education, School of Medicine, Edge Hill University, Lancashire, UK.

12:00 – 13:15 Oral Presentations – Round 1

Track 1: Teaching, Assessment and Evaluation | Venue: Auditorium

Time	Presenter	Title
12:00	Marwan Abu-Hijleh	Curriculum Integration in Health Professions Education: From Systematic Review to Validation of a New Questionnaire
12:10	Ganesh Kamath	Retention of Physiology Concepts in Endocrinology by First-Year Medical Students
12:20	Ramya Rathan	Designing, Implementing and Assessing Interprofessional Education in a Large Cohort of Health Professional Learners
12:30	Zahra Naimie	From Superficial Notes to Lifelong Growth: Educators' Views on Reflective Learning in Health Education
12:40	Ramprasad Vasthare	Indian Public Health Dentistry Curriculum analysis for inclusion of UN Sustainable Development Goal 3
12:50	Fatema Al Saadi	A Pendulum Learning between Granular Exploration and Holistic Perspective – Concept Mapping in Nursing Education
13:00	Mujahid Mohammed	A Mixed-Methods Study on the Effectiveness of Teaching Approaches for Emergency Medical Care Skill Training

Track 2: Technology Assisted Learning and Assessment | Venue: Room 10

Time	Presenter	Title
12:00	Nermine Nosseir	Transformative Integration of GPT in Medical Education: Optimizing Anatomy Educational Assessment and Feedback
12:10	Mounyah Al-Nuaimi	A Scoping Review of the Use of Generative Artificial Intelligence Tools in Health Profession Education
12:20	Muntaha Dawood	Comparing Cadaveric Dissections to Three-Dimensional Digital Anatomical Models in Teaching Anatomy
12:30	Alwaleed Alem	Assessing Perceptions and Exposure to AI Among Medical Educators and Practicing Clinicians in Saudi Arabia

12:40	Hasan Siddiqi	Simulation Based Learning for Correlation of Basic Concepts of Autonomic Pharmacology
12:50	Amal Al-Alawi	Virtual Reality Simulations in Clinical Education and Their Impact on Patient Care
13:00	Gamal El Shallaly	Computer-Based Clinical Examination in Surgery: Would It Complement or Replace the OSCE in the Post-COVID-19 Era?

Track 3: Interprofessional and Team Learning | **Venue: Room 11**

Time	Presenter	Title
12:00	Manal Othman	Establishing Qatar's First Interprofessional Master of Science in Diabetes Care and Patient Education
12:10	Hilal Al Shidhani	Interprofessional Education in Oman: Current Landscape and Implementation
12:20	Ahlam Abdulrahman	Interprofessional Collaboration in Trauma Care: A Scoping Review of Barriers and Interventions in Southeast Asia
12:30	Senthil Subramanian	Breaking the Silo: Enhancing Lifestyle Medicine Education through Interprofessional Learning
12:40	Anupriya A	Evaluating the Effect of Interprofessional Simulation on Healthcare-Associated Infections Control Among Students
12:50	Maria D'Costa	Mapping Attitudes, Subjective Norms, Perceived Control, and Intentions for Interprofessional Education and Practice in India
13:00	Sanjan Kunju	Designing and Validation of an Interprofessional Trauma Team Training Simulation Module in a Teaching Hospital

13:15 – 14:00 Prayer & Lunch Break

DAY 1: WEDNESDAY, FEBRUARY 4, 2026

Afternoon Sessions

Venue: Auditorium

14:00 – 14:30 Plenary 3

Technology-Driven Collaboration for Future Healthcare Team

Dr. Susan Waller

Senior research Fellow Monash University Australia. Former Co-Director Medical Simulation and Clinical Skills Centre, UAE University, Al Ain, UAE.

14:30 – 15:00 | Plenary 4

From Competence to Culture: Strengthening Infection Control Education

Dr. Stephanie Bouchoucha

Associate Head, School of Nursing and Midwifery, Deakin University, NSW, Australia.

15:00 – 16:30 Oral Presentations – Round 2

Track 1: Teaching, Assessment and Evaluation | Venue: Auditorium

Time	Presenter	Title
15:00	Naser Alsharif	Psychological Safety to Prevent Bursting the Bubble of Health Sciences and Related Disciplines Students During Training.
15:10	Narasimman Swaminathan	Comparison of Blended and Conventional Learning Methods in Imparting EBM Practice Competencies: A Mixed Methods Study.

15:20	Faiza Al Zadjal	Lived Experiences of PG Diploma Community Nursing Students with Flipped Learning at the Higher Institute of Health Specialties.
15:30	Amal Al Mandhari	Selective Rotations Influence Medical Specialty Choice: A Prospective Cross-Sectional Questionnaire Study in Oman.
15:40	Husam Al Balushi	Investigating Nursing Students' Level of Study Skills and Reading Self-Efficacy in Oman.
15:50	Muna Al Mashaikhi	Innovation in Nursing Education: Effectiveness of Participatory Action Learning in Nurses' Leadership Development.
16:00	Majida Al Balushi	Occupational Therapists' Perspectives on Coaching in Occupational Therapy Practice in Oman: A Mixed-Methods Study.
16:10	Bushra Al Badawi	Exploring University Students' Anticipated Stigma Toward Individuals with Hereditary Diseases in Oman: Implications for HPE.
16:20	Jansirani Natarajan	Effectiveness of Flipped Classroom in Teaching Novice Nursing Students.

Track 2: Technology Assisted Learning and Assessment | Venue: Room 8

Time	Presenter	Title
15:00	Sivakumar Manickam	AI-Assisted Integrated Question Bank Platform for Comprehensive Curriculum Alignment and Psychometrically Driven Assessments
15:10	Soumendra Sahoo	Hybrid PBL Approach to Better Engage Digital Age Health Profession Learners
15:20	Rajmohan Sivamani	Artificial Intelligence Assisted Tooth Preparation: Enhancing Teaching, Assessment and Evaluation in Dental Training
15:30	Purohit Saraswati	Effectiveness of Video Assisted ALGEE Based Mental Health First Aid Training Among Adolescents
15:40	Amal Al-Alawi	Virtual Reality Simulations in Clinical Education and Their Impact on Patient Care

15:50	Khabab Elhag	Internal Audit Driving Continuous Quality Improvement in Health Professions Education: A Case Study from Arabian Gulf University
16:00	Sheikha Al-Hatroushi	Unlocking Learning: Gamified Escape Room for the Anatomy & Physiology of the Respiratory System
16:10	Tushara Shekhar	Development and Evaluation of a Designed Training Module to Enhance Nurses' Knowledge and Engagement in Quality Improvement Projects
16:20	Lubna Ansari	Enrollment and Employment: An Analysis of Female Doctors' Workforce Participation Gap in Pakistan

Track 3: Interprofessional and Team Learning | **Venue: Room 10**

Time	Presenter	Title
15:00	Eman El-Labbad	A Contextualized Tyler's Model Framework for Designing Longitudinal Interprofessional Education Curricula in UAE Health Programs
15:10	Ramya Rathan	When Students Lead: An Interprofessional Model of Peer-Assisted Learning in Health Professions Education
15:20	Samiya Al Raisi	Bridging the Evidence Gap in Physiotherapy & Rehabilitation: A Proposed Framework for Future Research and Practice
15:30	Manish Kumar	Interprofessional Simulation Training in Acute Pediatrics Using Rapid Cycle Deliberate Practice (IP-STAR)
15:40	Rinku Porwal	Developing a Validated Interprofessional Elderly Care Module to Enhance the Interprofessional Competencies Among Healthcare Professionals
15:50	Yasmeen Mezil	Interprofessional Anatomy Education: Insights from an AI-OSPE
16:00	Lohitha Polisetty	An Interprofessional Module on Child Sexual Abuse Awareness and Trauma-Informed Communication for Health Professional Students

16:10	Sayeed Unisa	Strengthening Nutrition Competencies in Medical Education: Addressing the Double Burden of Malnutrition Through Evidence-Based Approaches
16:20	Mohammad Hifz	Training Health Professionals in Epidemiological Methods: Using Green Space-Respiratory Health Analysis as a Teaching Case

Track 4: Assessments in HPE | Venue: Room 11

Time	Presenter	Title
15:00	Mona AlSheikh	Reflective E-Portfolios for Immediate Feedback and Competency Development in Clinical Skills.
15:10	Iman Al Lawati	Evaluating the Effectiveness of Item-Writing Workshops on the Quality of Items at Oman Medical Specialty Board.
15:20	Arina Ziganshina	Adapting Assessment Strategies for the Emirates MEDs Competency Framework in Evolving Medical Curriculum.
15:30	Rania Zaini	Emerging National Trends in Entrustable Professional Activities Across Internal Medicine Subspecialties in Saudi Arabia.
15:40	Tayseer Mansour	Validation of a Clinical Competency Logbook for Workplace-Based Assessment in Undergraduates.
15:50	Shoroog Agou	Bridging the Gap Between Intended and Enacted Leadership Competencies: A Training Needs Analysis of Medical Interns in the GCC.
16:00	Mohammed Almansour	Leadership and Management Competency Frameworks in Undergraduate Medical Education: A Scoping Review
16:10	Rayees Bhat	The Role of Optimism and Resilience in Coping and Stress Perception.
16:20	Pooja Adtani	Designing, Implementing and Assessing Interprofessional Education in a Large Cohort of Health Professional Learners.

DAY 2: THURSDAY, FEBRUARY 5, 2026

Morning Sessions

08:00 – 08:45 | Poster Evaluations by Judges

Venue: Auditorium

08:45 – 09:15 | Online Messages from Global Leaders in HPE

- Prof. Ricardo Leon-Borquez - President, WFME.
- Prof Lyuba Konopasek - Senior Vice President, Intealth.
- Prof John Gilbert - Founding Director, CIHC, Canada.

09:15 – 09:45 | Plenary 5

Breakdowns lead to Breakthroughs: Lessons learned from large scale educational change

Richard K. Reznick, Professor Emeritus of Surgery and Dean Emeritus Queen's University, Canada.

09:45 – 10:15 | Plenary 6

Systems Approach to Student Assessment

Prof. John Norcini

Research Professor, Upstate Medical University, USA

10:15 – 10:45 | Tea Break

10:45 – 11:45 | Panel Discussion

Venue: Auditorium

From Competence to Capability: Preparing the Next Generation of Health Professionals for the MENA Region

12:00 – 13:30 Oral Presentations – Round 3

Track 1: Teaching, Assessment and Evaluation | **Venue: Auditorium**

Time	Presenter	Title
12:00	Jila Mirlashari	The Role of Reflective Journaling in Supporting Undergraduate Nursing Students During Pediatric Oncology Practicum
12:10	Najam Siddiqi	Effectiveness of the Special Faculty-Assisted Teaching (SFAT) Program in Improving Anatomy Learning Outcomes
12:20	Firdous Jahan	Real Life Experience of Geriatric Home Visit Curriculum Training by Medical Students
12:30	Ragini Vaishnav	Holistic Learning in Pharmacology: Fostering Cultural Sensitivity and Inclusiveness Through Complementary and Alternative Medicine Integration
12:40	Babu Noushad	Enhancing Self-Monitoring in Optometry Students: Effects of Cue Prompts on Confidence and Calibration
12:50	Khizer Afroze	Perception and Assessment of the Adequacy of basic Anatomical knowledge retention among medical students
13:00	Maryam Al Shezawi	Exploring the Perception and Practices of Nursing Faculty in Evaluating Basic Lab Skills of Nursing Students
13:10	Fatma Al Hamdani	Nursing Student's Perception of Current Feedback Practices and its Impact on Skill Performances
13:20	Sulaiyam Al Abri	Teaching ICU Nurses to Recognize MACE Risk Factors in ARF Patients: Evaluation of an Educational Approach

Track 2: Wellbeing, Resilience and Cultural Sensitivity | **Venue: Room 8**

Time	Presenter	Title
12:00	Rashmirekha Sahoo	Examining the Key Determinants of Multiethnic Foundation Year Students' Intentions to Pursue Degree-Level Studies in the Context of Learning Environment
12:10	Basem Jamal	Integrating Spirituality into Medical Education through Reflection on the Senses in the Holy Quran

12:20	Reem Al-Obeidani	Resilience Rounds: An Innovative Approach to Supporting Medical Student Wellbeing
12:30	Mohamed Elsayed	Systems Thinking Framework for Health Professions Education Institutional Resilience in Crisis Contexts
12:40	Divya Yesodharan	Psychological Resilience Reinforcement Program for University Students: A Pilot Study
12:50	Azzan Al-Wahshi	The Prevalence of Imposter Syndrome and Its Association with Psychological Distress: A Cross-Sectional Study
13:00	Shobana G.	Exploring the Patterns and Beliefs of Breakfast Consumption and Its Correlation between Participants' Academic Achievement Among University Students in Oman
13:10	Hend Elatta	Acceptability and Feasibility of a Faculty Training Programme for Competency-Based Medical Education in Egypt
13:20	Hema George	Anxiety Among Nursing Students Owing to Clinical Practicum

Track 3: Regulatory Compliance, Accreditation /Quality Improvement & Global Health, SDGs, and Planetary Health | Venue: Room 10

Time	Presenter	Title
12:00	Christopher Martin	The Paradox of a Medical Career in Public Health
12:10	Abdelrahim Gaffar	Systems Thinking and Dynamic Modeling for Advancing Social Accountability in Health Professions Education Globally
12:20	Azim Mirzazadeh	A National Survey of Challenges in Iran's Postgraduate Medical Education: Insights from Stakeholders
12:30	Mohammed Imran	Validating a Tool to Diagnose Safety Attitudes of Healthcare Professionals in Oman: Enhancing Patient Safety Strategies
12:40	Rukhsana Ayub	Social Accountability – An Evaluation of Service-Learning Initiatives in Pakistan Using the CIPP Model
12:50	Seyed Allameh	Evaluation of Faculty Development Programs Utilizing Brookfield's Reflective Framework over an Extended Period
13:00	Zaina Al Harmali	Development and Validation of a Medication Error Reporting Intention Tool
13:10	Shahd Elamin	Scoping Review of Health Professions Education in Rural and Remote Areas of the Eastern Mediterranean Region

Track 4: Lifelong Learning, Professional Growth and Faculty Development & Teaching and Assessment of Ethics, Professionalism and Health Humanities | Venue: Room 11

Time	Presenter	Title
12:00	Malik Zaben	Building Leadership and Communication Skills of Healthcare Professionals Through Online Training
12:10	Huda Al Kindy	Entrepreneurship Education: A Theory-Centered Systematic Review of Learning to Lead and Innovate for Health Professionals
12:20	Tabassum Zahra	From Co-Creation to Standardization: A Novel Participatory Study in MSc Health Professions Education Curriculum Design
12:30	Reem Arafah	How Does Faculty Development Coaching and Mentorship Initiatives Support Transfer to the Workplace? – An Explorative Qualitative Study.
12:40	Sara Hashim	Self-Directed Learning in Medical Practice: Approaches for Continuing Professional Development
12:50	Nausheen Saeed	Exploring Professionalism in Medicine through Movies: Analyzing the Impact of Cinemeducation.
13:00	Ayesha Rauf	Mastery Unlocked: Transformative Internship for Professional Development.
13:10	Tatiyana Mandal	Medical Students' Perceptions on Early Introduction of Bioethics in the Curriculum: A Mixed-Methods Evaluation Approach
13:20	Thilagavathi K	Effect of Pro- and Prebiotic Food Consumption and Anxiety Severity Among Omani University Students: A Cross-sectional study.

13:30 to 14:15 Prayer and Lunch break

DAY 2: THURSDAY, FEBRUARY 5, 2026

Afternoon Sessions

Venue: Auditorium

14:15 to 14:45 | Plenary 7

Digital Transformation of Post-Pandemic Learning and Teaching

Dr. Chris Tuffnell

Education Consultant & Head of Digital Learning & Teaching, University of Wollongong, Dubai & Australia & The Skills Network, UK

14:45 – 15:35 Pecha Kucha Presentations |

Venue: Auditorium

Time	Presenter	Title
14:45	Iman Lawati	Local Minds, Global Standards: Building Our Own High-Stakes Exams
14:55	Mickael Joseph	Bilingual Verbal and Visual Mnemonics to Strengthen Anatomy and Pathophysiology Learning in Nursing
15:05	Mohammed Imran	From Classroom to Clinic: Evidence-Based Collaborative Prescribing
15:15	Jacob D	Innovative Teaching-Learning Practices in Bachelor of Science in Nursing Program
15:25	Tatiyana Mandal	Reimagining Medical Education: Crafting the Compassionate Doctor

15:45 onwards Valedictory Function