

The 6th Annual CNHS Undergraduate Research Forum 2025
Agenda

Registration and Poster Gallery		9:30-10:00 am
National Anthem & Welcoming Video		10:00-10:02
Inaugural Keynote <i>Assistant Provost for Research Professor Philip Hamill</i>		10:02-10:06
A word from the Dean of CNHS <i>Professor James Terry</i>		10:06-10:08
A word on behalf of the Organizers <i>CNHS Assistant Dean of Research & Outreach Professor Fatme Al Anouti</i>		10:08 –10:10
Appreciation ceremony for Sponsors & Supporting Partners		10:10- 10:20
Short Interlude		10:20-10:21
CNHS VIP Guest Speaker <i>Engineer Sahul Hameed (Chief Sustainability Officer of Bin Dasmal Group)</i> <i>Sustainable Initiatives through Construction Waste Management</i>		10:21-10:35
Session One: Environment & Sustainability Opening Remarks <i>Chair of Environmental Science & Sustainability Department Dr. Rania Dghaim</i>		
Presenter	Title of the presentation	Time
Amena Al Menhali, Sara Al Khoori & Sawsan AlJaberi (ZU)	Empowering Change Through Campus Sustainability: From Vision to Action	10:35-10:45
Amani Khalifa (ZU)	The Effect of different sound frequencies on plant growth	10:45-10:55

Alyazia Alkindi & Zainab Alhashmi (Polytechnic)	Design and Fabrication of a Smart Organic Photovoltaic Cell	10:55-11:05
Youssef Dahir, Omar Abushabab and Mostafa Said (UAEU)	Next-Generation Sustainable Composites for Thermal, Acoustic, and Fire-Resistant Applications	11:05–: 11:15
Ayesha Al Reyami (ZU)	AI FloraScan UAE: An Accessible Drone-AI System for Direct Identification and Mapping of Native UAE Flora	11:15-11:25
Questions & discussions	Q&A	11:25-11:35
	<i>Coffee Break & Poster Session A</i>	11:35-12:15 pm
Session Two: Applying Mathematics in Research Opening Remarks <i>Chair of Mathematics & Statistics Department Dr. Rafiq Hijazi</i>		
Afra Alsubousi & AlAnood Almansoori (ZU)	The Falcon Route: Upgrading Abu Dhabi's future connectivity through Applied Mathematics	12:15-12:25
	Session Three: Psychology & Mental Wellbeing Opening Remarks <i>Co-Chair of Psychology Department Dr. Jigar Jogia</i>	
Marwa Almeraikhi (ZU)	Attachment and Personality Trait Interactions in Predicting Social Avoidance	12:25-12:35
Noora Faris Ali Almessabi (ZU)	Vivid but Inaccurate: Mental Imagery Can Distort Working Memory	12:35-12:45
Questions & discussions (ZU)	Q&A (Session Two & Three)	12:45-12:55
<i>Poster Session B</i>		12:55-13:35
<i>Networking Lunch</i>		13:35-14:30

	Session Four: Medical & Health Sciences Opening Remarks <i>Chair of Health Sciences Professor Lina AlKury</i>	
Nada Nabil Bin Haider (ZU)	Food Allergy Quality of Life in UAE Adults	14:30-14:40
Hind Hesham Alfalasi (ZU)	Monitoring Toxic Elements in <i>Prosopis cineraria</i>	14:40-14:50
Maryam Ahmad AlMarri (ZU)	Knowledge, Attitudes, and Practices on Down Syndrome in the UAE	14:50-15:00
Hessa Bin Falah (ZU)	Dietary Patterns, Physical Activity, and Health Challenges among Autistic Children Aged 3–17 years in the United Arab Emirates.	15:00-15:10
Maryam Alzaabi (ZU)	Assessing Knowledge, Attitude, and Practice Toward Emotional Eating	15:10-15:20
Tenuun Lkhagvadorj (NYUAD)	Associations Between C-Reactive Protein & Cardiometabolic Risk Factors in Young Emirati Adults: Insights from the UAE Healthy Future Study	15:20-15:30
Emma Pongrácová (NYUAD)	Mitochondrial Gene Expression Changes During <i>Plasmodium falciparum</i> Infection	15:30-15:40
Laiba Khadija Hasnain (Manipal University)	Data-Guided Nutrition Education: A Pathway to Holistic Student Well-Being	15:40-15:50
Questions & discussions	Q&A	15:50-16:00
Awarding Ceremony		16:00-16:15 pm
Closing Remarks		16:15-16:20

POSTER SESSION A

Poster number	Name of Presenter	University	Title of the poster
P202501	Shama Al Jneibi	ZU Alumni	The Association Between Diet and Sleep Quality Among Zayed University Female Students
P202502	Aseel Ehsanallah	ZU Alumni	Waist-to-Height Ratio: An Index for Assessing Cardiometabolic Risk Among Adolescents in the UAE
P20252	Era Budjav	New York University	Urbanization Shapes the Serum Metabolome and Lipidome in Mongolia
P20253	Aisha Essa Al Ali	Zayed University / Dubai	Phytoremediation of Zinc-Contaminated Soils Using Zygophyllum Species
P20254	Narjes Alqallaf	Zayed University / Dubai	Isolation and Antimicrobial Screening of Endophytic Streptomyces from Desert Plants
P20255	Hind Saif Ali Almazrouei	UAEU	Validation of Resting Metabolic Rate Estimation Equations Young Emirati Adults
P20256	Hind Omar Mohammed Alkhateeb	Zayed University	The Relationship Between Social Media Consumption and Self-Diagnosis
P20257	Sultana Fayel Alrashdi	Zayed University	Examining the Prevalence and Knowledge of Polycystic Ovary Syndrome among a Sample of Young Adult Females in Abu Dhabi
P20258	Maha Jasem Al Ali	Zayed University	Growth Cycle
P20259	Salma Alhebshi	UAEU	Adherence to Traditional Emirati Food and Health Perceptions among Adults
P202510	Dariga Bolatbay	New York University	Host-derived linoleic acid promotes malaria pathogenesis

POSTER SESSION B

Poster number	Name of Presenter	University	Title of the poster
P202511	Eman Abdulaziz Jafleh	Sharjah University	Dental Microplastics: A Hidden Frontier in Environmental and Health Research
P202512	Hessa Abdulla Almarzooqi	Zayed University	Leveraging AI and Image-Based Nutrition Tracking to Assess Traditional Emirati Diets among professionals, diabetic patients, and general users in the UAE.
P202513	Hamda Waliuddin	College of Medical Sciences, RAK	Revealing the Invisible: Hand Dryers and Public Health Concern
P202514	Atifa Arif Sorathia	College of Medical Sciences, RAK	Tracking <i>Helicobacter pylori</i> Burden in UAE: Implications for Public Health
P202515	Sathyapriya Nandagopal	Gulf Medical University, Ajman	Quality of Sleep and Sleep Hygiene Knowledge and Practices, and Factors associated with it among the medical students in the United Arab Emirates
P202516	Rahaf Ali Balobaid	UAEU	Literature review of racial, ethnic, and geographic, factors of childhood obesity
P202517	Shahnaz Wazil	Gulf Medical University, Ajman	Exploring the Lifestyle Factors Shaping the Health and Well-Being of Adults In The UAE.
P202518	Afreen Abdul Rahim Sanaullah	Gulf Medical University, Ajman	Navigating the Supplement Trend: A Cross-Sectional Study on Supplement Use and Perceptions among Adults in the UAE
P202519	Zaenab Ali	College of Medical Sciences, RAK	Epidemiology & Public Health Impact of Dengue in Northern Emirates
P202520	Suhaila Jamal Saeed Juma Bin Ghalita	Zayed University	The Relationship Between Learning Styles, Motivation and Academic Performance Among Female Students at Zayed University

P202511	Eman Abdulaziz Jafleh	Sharjah University	Dental Microplastics: A Hidden Frontier in Environmental and Health Research
P202512	Nora Al Ali	Zayed University	Genomic Characterization of Carbapenem-Resistant Enterobacter ales Isolated from Patients with Bacterial Pneumonia in UAE Hospitals