

UAEU

جامعة الإمارات العربية المتحدة
United Arab Emirates University



5th Annual

UNDERGRADUATE STUDENT RESEARCH CONFERENCE

Conference Program

23 April 2019

CIT Building - UAEU

SASP | برنامج النجاح الأكاديمي للطلبة
Student Academic Success Program

USRC 2019 Committee

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Conference Chair, Director of SASP, University College

Elizabeth Whitehouse

Conference Coordinator, SASP Writing Centers, University College

Lakmee Senadheera

Conference Coordinator, SASP, University College

Asma Al Naqbi

Conference Administrator, Learning Centers, SASP, University College

Dear Guests,

The Student Academic Success Program (SASP), of University College, United Arab Emirates University (UAEU), warmly welcomes you to the fifth annual Undergraduate Student Research Conference (USRC). We trust you will be impressed and inspired by the outstanding range, quality and quantity of undergraduate student research activity showcased at this event.

For the students presenting today, we hope that this conference provides not only a worthy public platform for your academic achievements but also a valuable opportunity for you to network with fellow researchers in the UAE and share your research-related experiences and expertise in a dynamic and multi-disciplinary environment.

We would like to thank all UAEU students and staff, and those from other institutes in the UAE, who have contributed to today's event. We are also very grateful to the talented team of student helpers working with us, especially Sara Rafiq Al Fahel and Rouan Khalil Kara.

Sincerely,

USRC 2019 Committee

Organised by



SASP برنامج النجاح الأكاديمي للطلبة
Student Academic Success Program

Participating Institutions



5th Annual Undergraduate Student Research Conference

Program Overview

- 8:30 Registration Opens | Ground Floor CIT
- 9:15 Poster Viewing & Networking
- 9:45 - 10:15 Opening Ceremony | CIT Auditorium
- 10:15 - 11:15 Session 1: Oral Presentations
- 11:30 - 12:30 Session 2: Oral Presentations
- 12:45 - 13:45 Session 3: Oral Presentations
- 13:45 - 14:15 Poster Viewing & Networking
- 14:15 - 15:15 Session 4: Oral Presentations
- 15:15 - 15:45 Poster Viewing & Networking
- 15:45 - 16:45 Session 5: Oral Presentations
- 16:45 Conference Ends



Presentation Locations

Oral Presentations | CIT Auditorium, E1-1027, E1-1028 & E1-2029

Poster Presentations | Ground Floor CIT: Main Hallway, Exhibition Hall (G023) & Study Hall (G033)

ePosters | Exhibition Hall (G023) & Study Hall (G033)

Oral Presentations

Session 1: 10:15 – 11:15

Location	Institution	Project Title
E1-1027	UAEU College of Education	OP15 Exploring the UAE College Students' Perceptual Learning Styles in Learning English as a Second Language
	UAEU College of Science	OP4 Observational Studies of the Evolution of GRB 100414A Afterglow: Clues on the GRB Environment and Underlying Astrophysical Processes
	UAEU College of Humanities and Social Sciences	OP49 English-Based Lexical Calques in Arabic Journalistic Texts: Lexical and Cognitive Implications
E1-1028	UAEU College of Food and Agriculture	OP48 The Effects of Sustainable Food Innovation on Consumers' Perceived Cost/Benefit, Risk and Uncertainty, and Attitudes
	HCT Engineering	OP16 Grey Water Recycling Unit
	UAEU College of Business and Economics	OP33 The Relationship between Inflation and Unemployment Rates in the USA in the Period 1965 - 2000
E1-2029	UAEU College of Information Technology	OP14 Indoor Navigation System for the Visually Impaired
	UAEU College of Humanities and Social Sciences	OP6 اللغة الإدارية والمتلقي
	UAEU College of Medicine and Health Sciences	OP43 Unsafe Behaviour of Bicyclists in Al Ain, UAE: An Observational Study
Auditorium	UAEU College of Science	OP39 Influence of Mineralogical Composition and Texture of Carbonate Rocks on Durability
	UAEU College of Information Technology	OP55 A Comparative Study of Clustering Algorithms for Mixed Dataset
	UAEU College of Business and Economics	OP27 An Investigation of the Impact of Internship Programs on Student Perceptions of Employability

Oral Presentations

Session 2: 11:30 – 12:30

Location	Institution	Project Title
E1-1027	American University of Ras Al Khaimah School of Engineering	OP29 Environmental Evaluation of Implementing the Deposit-Refund Scheme for Closed Loop Recycling of Water Bottles in UAE
	UAEU College of Engineering	OP1 Innovative Design of Heat Exchangers using Airfoil Fins for Concentrated Solar Power Plants
	Emirates Aviation University College of Engineering	OP5 Hydrogen Powered Unmanned Ground Vehicle
E1-1028	UAEU College of Engineering	OP28 Thermal Performance of Solar Thermal Energy Storage
	HCT Mechanical Engineering	OP41 Smart Leg Assistant Brace (SLAB)
	UAEU College of Engineering	OP25 Polyethylene/Graphene/Carbon Fiber Waste Hybrid Nanocomposites
E1-2029	UAEU College of Engineering	OP2 Effects of Water Emulsion of Waste Cooking Oil Biodiesel on Diesel Engine Performance and Exhaust Emissions
	American University of Ras Al Khaimah School of Engineering	OP10 Studying the Effect of Nano Particles and Polymers for Minimizing Formation Damage in Water-Based Drilling Fluids
Auditorium	UAEU College of Engineering	OP44 Analysis and Design of a Single Phase Voltage-frequency Converter with an Optimized PI Controller
	Canadian University Dubai School of Engineering	OP23 Autonomous Integrated Farming System
	UAEU College of Engineering	OP9 3D Printed Polymer Microchannel Heat Exchangers

Oral Presentations

Session 3: 12:45 – 13:45

Location	Institution	Project Title
E1-1027	Zayed University College of Health Science	OP30 Analysis of the Physio-Chemical Profile of the Soils in the Emirate Of Dubai
	UAEU College of Engineering	OP35 Investigating Construction Quality Assurance in Buildings under Construction using an Infrared Thermal Imager
	Zayed University College of Humanities and Social Sciences	OP37 The Theory of Transitive Oppression
E1-1028	Zayed University College of Business and Economics	OP42 Older but Wiser? Age and Loss Aversion in Professional Tennis
	UAEU College of Food and Agriculture	OP34 The Effect of Gum Arabic on Blood Glycemia, Lipidemia, Body Composition and Gastrointestinal Tract in Adults at Risk of Metabolic Syndrome
	American University in the Emirates College of Business Administration	OP40 Students' Perspectives on the Use of Educational Technologies in the Classroom
E1-2029	HCT Engineering	OP22 Manufacturing 3D Printed Prosthetic Hands
	UAEU College of Food and Agriculture	OP36 Assessment of Salt Intake among UAE Population using 24-Hour Urine Analysis
	UAEU College of Humanities and Social Sciences	OP51 Reshaping the Future: Economic and Social Impacts of Artificial Intelligence on UAE Society
Auditorium	New York University Abu Dhabi Department of Social Sciences	OP12 The Impact of Infrastructure Development on Economic Growth: Evidence from China
	UAEU College of Food and Agriculture	OP50 Modulation of Glucose Metabolism by Date Seeds in Human Hepatic Cells (HepG2)
	Zayed University College of Arts and Creative Enterprises	OP8 The Representation of Islamic Architecture in Sharjah

Oral Presentations

Session 4: 14:15 – 15:15

Location	Institution	Project Title
E1-1027	UAEU College of Engineering	OP46 Land Use Attributes and Access to Public Transportation: The Case of Al Ain, UAE
	UAEU College of Humanities and Social Sciences	OP53 Integrating Environmental Education in the School Curriculum at Primary and Secondary Level in the UAE
	Zayed University College of Natural and Health Sciences	OP52 Bacterial Community Structure and Physicochemical Properties of Saline Sandy Soil in Response to Long-Term Application of Compost and Biochar
E1-1028	HCT College of Business Administration	OP18 Service Quality at Chili's Restaurant
	UAEU College of Engineering	OP17 Seismic Performance Assessment of Tall Buildings in the UAE: A Pilot Study
	UAEU College of Business and Economics	OP47 Roles of Narratives in Civic Crowdfunded Projects: Linguistic Style, Message Substance, and Crowdfunding Success
E1-2029	UAEU College of Food and Agriculture	OP13 Micro-Encapsulation of Camel Milk Derived Probiotic Strain (<i>Lactobacillus Rhamnosus</i> MF00960) in Novel Camel Gelatin and Camel Casein as Wall Material
	UAEU College of Humanities and Social Sciences	OP7 North-African Immigrants' Dialect in Arab Countries
	UAEU College of Engineering	OP57 Developing and Testing of Heat Sink Utilizing PCM Material with Enhanced Thermophysical Features
Auditorium	UAEU College of Engineering	OP26 Development of a Simulation Model for a Deep Drawing Process
	UAEU College of Humanities and Social Sciences	OP45 Connecting Cultures: Examining Shared Themes between Emirati Folklore and African American Folklore
	UAEU College of Education and Social Sciences	OP55 Videotaped Story Workshop Method: Stimulating University Students' Learning and Innovation

Oral Presentations

Session 5: 15:45 – 16:45

Location	Institution	Project Title
E1-1027	UAEU College of Humanities and Social Sciences	OP54 The Influence of Evolutionary Psychology on Human Mating and Sexual Behaviour
	UAEU College of Education	OP31 Examining UAEU Student's Satisfaction and Perception of Inclusion
E1-1028	UAEU College of Humanities and Social Sciences	OP38 Water Consumption at UAEU
	UAEU College of Food and Agriculture	OP56 Assessment of Food Risks Associated with Home-Made Foods Vended over Online Social Media in the UAE
	UAEU College of Humanities and Social Sciences	OP3 Reasons for Migration of Blue-Collar Workers in the Service Sector (Al Ain Case)
Auditorium	UAEU College of Engineering	OP20 Utilizing Virtual Reality in Assessing Socio-Cultural Sustainability in Emirati Public Housing
	Zayed University College of Natural and Health Sciences	OP32 Can Traditional Emirati Food be Part of the Medical Nutrition Therapy in Chronic Kidney Disease?
	UAEU College of Science	OP11 Construction of BiOF/BiOI Nanocomposites with Tunable Band Gaps as Efficient Visible-Light Photocatalysts

Poster Presentations Overview

Ground Floor CIT: Main Hallway, Exhibition Hall (G023) & Study Hall (G033)

Poster	Institute	Project Title
PP1	UAEU College of Medicine and Health Sciences	Effects of Co-infection with Respiratory Syncytial Virus and Influenza A Virus on Viral Load and Pulmonary Function in Mice
PP2	UAEU College of Science	Do Male Siamese Fighting Fish Exhibit the Dear Enemy Phenomenon?
PP3	UAEU College of Engineering	Assessing Commercial 3D Scanners to Reproduce Structural Elements
PP4	UAEU College of Engineering	Reducing the Harmful Impact of the PrePreg Scrap from Domestic Aerospace Industries Using Compression Molding to Preserve the UAE Environment
PP5	UAEU College of Information Technology	A Virtual Model of Primitive Learning
PP6	UAEU College of Science	Removal of Cr(VI) from Polluted Water Using Magnetically Separable Goethite Fe ₂ O ₃ @SiO ₂ @FeOOH Nanoparticles
PP7	UAEU College of Science	Ca ²⁺ , Zn ²⁺ Sulfate Polycarboxylate Bone Cement: Formation and Characterization
PP8	UAEU College of Food and Agriculture	LEA 2 Protein
PP9	HCT Mechanical Engineering	Drone for Trees
PP10	HCT Computer Information Sciences	The Negative Influence of Smart Devices on Children's Health in the UAE
PP11	UAEU College of Engineering	Cost-effective Design Solution for Hammerhead Bent Caps
PP12	UAEU College of Engineering	Designing and Developing Innovative Structural Engineering Failure Experiment Using Additive Manufacturing Technology
PP13	HCT Computer Information Sciences	The Influence of Social Media on Online Shopping in the UAE
PP14	UAEU College of Medicine and Health Sciences	Effects of Probiotics on Gastric Epithelial Cells
PP15	UAEU College of Engineering	Simultaneous Extraction–reaction Process for Biodiesel Production from Microalgae
PP16	HCT Faculty of Engineering, Technology and Science	Vehicle Emissions Mapping in Major Cities in the UAE

Poster	Institute	Project Title
PP17	Zayed University College of Business	The Effect of Tolerance on Employees Emotional Burnout
PP18	UAEU College of Education	What Does my Teacher Want from me? Teachers' Expectations of Children Starting School in the UAE
PP19	UAEU College of Business and Economics	The Impact of Financial and Economic Factors on Islamic Funds Performance
PP20	UAEU College of Food and Agriculture	Food Deserts: the Lack of Access to Quality Fresh Vegetables in the Abu Dhabi Emirate
PP21	UAEU College of Information Technology	Price History and Social Media Mining To Predict Stock Market Movement
PP22	UAEU College of Engineering	Experimental Investigation of the Stability and Characterization of Nanofluids under Different Surfactants Weight Percentage
PP23	UAEU College of Science	Socotra Cormorants, Foxes and Gazelles' Behavior on Siniya Island
PP24	UAEU College of Medicine and Health Sciences	Effect of Aryl Hydrocarbon Receptors in Gastric Stem Cells Activation
PP25	UAEU College of Science	The Evolution of Battery Technology
PP26	UAEU College of Engineering	Bond Performance of Fiber Reinforced Polymer Bars in Recycled Concrete
PP27	UAEU College of Science	How Old are Clastic Materials Covering the Al Ain Area, UAE?
PP28	HCT College of Engineering	Thermal Imaging Autonomous Drone for Aerial Surveillance
PP30	UAEU College of Humanities and Social Sciences	Assessment of Environmental Knowledge and Recycling Practices of UAE High School Students
PP31	UAEU College of Food and Agriculture	Starch and Camel Whey Protein Stabilized Nano-emulsion as a Potential Carrier for Vitamin D3
PP33	UAEU College of Medicine and Health Sciences	Analysis of Tricarboxylic Acid Cycle Metabolites by Ultra-performance Liquid Chromatography-tandem Mass Spectrometry in Dried Blood Spots
PP34	UAEU College of Food and Agriculture	In Vitro Investigation of Health-Promoting Benefits of Fermented Camel Sausage by Novel Probiotic Lactobacillus Plantarum: A Comparative Study with Beef Sausages
PP36	UAEU College of Humanities and Social Sciences	The Application of RAVLT on Healthy Native Arabic Speakers in UAEU
PP37	UAEU College of Engineering	Polyester Composites Reinforced with Date Palm Fibers

Poster	Institute	Project Title
PP38	UAEU College of Medicine and Health Sciences	The Burden of Gestational Diabetes Mellitus in Emirati Pregnant Women: Results from Mutabaah Study.
PP39	UAEU College of Science	Hair and Salivary Cortisol as a Biomarker of Stress in UAE University Students
PP40	UAEU College of Science	Tables of Equation-Of-State, Thermodynamic Properties, and Shock Hugoniot for Hot Dense Fluid Hydrogen
PP41	UAEU College of Medicine and Health Sciences	Cardiovascular Risk Factors and Mortality Among Acute Coronary Syndrome in Middle East: A Systematic Review and Metanalysis.
PP42	UAEU College of Medicine and Health Sciences	Association Studies on Genetic Variants in UAE Schizophrenic Patients.
PP43	American University of Ras Al Khaimah College of Engineering	Economic and Environmental Consequences of Black Powder in Oil/Gas Pipelines: Phenomenon and Proposed Solutions
PP44	UAEU College of Science	An Implicit Hybrid Method for Solving Fractional Bagley–Torvik Boundary Value Problem
PP45	UAEU College of Medicine and Health Sciences	Bone Biomechanics in Non-obese Animal Model of Type 2 Diabetes Mellitus
PP46	UAEU College of Medicine and Health Sciences	Cloning and Preliminary Analysis of the Role of a Novel Long Non-Coding RNA in Development and its Contribution to Metabolic Diseases using a Rodent Model System
PP47	UAEU College of Medicine and Health Sciences	β -caryophyllene Attenuates Lipid Peroxidation and Improves Non-enzymatic Antioxidants in Isoproterenol Induced Myocardial Necrosis in Rats
PP48	UAEU College of Science	On Extended q -Raabe Integrals and Applications of Gospers q -Trigonometry
PP49	UAEU College of Humanities and Social Sciences	Impact of Student-Faculty Interaction on College Student Attitudes and Outcomes
PP51	Zayed University College of Natural and Health Sciences	The Effect of Elevated Light and Temperature on Gulf Corals' (Platygyra Dadlea) Health
PP52	UAEU College of Engineering	Flexural and Shear Responses of Hybrid Fiber Reinforced Geopolymer Concrete
PP53	UAEU College of Engineering	Experimental and Numerical Studies of Structural Performance of Notch Damaged Steel Beams

Poster	Institute	Project Title
PP54	UAEU College of Science	The Characteristic Polynomials of Symmetric Graphs
PP55	UAEU College of Science	MaxEnt and Species Distribution
PP56	UAEU College of Science	In Vitro Investigation of the Physical and Functional Interaction between Angiotensin II and Thrombin Receptors
PP57	Zayed University College of Arts and Creative Enterprises	The Impact of High-tech Machinery on the Design Field
PP58	UAEU College of Science	Peroxidase-mediated Degradation of Twenty Different Emerging Pollutants
PP59	UAEU College of Science	Electronic and Optical Properties of Layered 2-D InSe and GaSe Materials: Ab initio Study
PP60	UAEU College of Engineering	A Simulation Analysis of a Multi-Periods Dual Sourcing Supply Chain
PP61	UAEU College of Education	Autism Identification and Severity Scale for UAE Children of 16 to 36 Months Age

ePoster Presentations Overview

Exhibition Hall (G023) & Study Hall (G033)

Poster	Institute	Project Title
eP1	UAEU College of Humanities and Social Sciences	The Effect of FOMO on Female Students in UAEU
eP2	UAEU College of Humanities and Social Sciences	The Possibility of Introducing Urban Farms in Al Ain City
eP3	UAEU College of Science	Electronic and Optical Properties of GaSe and InSe: an Analysis using LAPW - LDA, GGA, MBJ Methods – Wien2K Package
eP4	UAEU College of Engineering	Self Powered Hearing Aid System
eP5	UAEU College of Science	Physible Mobile Application
eP6	UAEU College of Food and Agriculture	Date Seed Powder in Baked Goods
eP7	UAEU College of Business and Economics	Job Helper: A Solution to Students' Post-graduation Concerns
eP8	UAEU College of Humanities and Social Sciences	Spatio-Temporal Mapping of Water Consumption at Public Institutions: a Case Study of the United Arab Emirates University
eP9	UAEU University College	How Can Campaign Awareness be used to Minimize Cancer Death Rate in the United Arab Emirates (UAE)?
eP10	UAEU University College	Extraction of Natural Resources without Environmental Degradation in the UAE
eP11	UAEU University College	Rain in the UAE
eP12	UAEU College of Business and Economics	International Portfolio Diversification for the UAE: Fresh Evidence from a New Approach
eP13	UAEU College of Business and Economics	Energy Usage in the UAE: Renewable Energy's and Non-renewable Energy's Trends and Challenges
eP14	UAEU College of Food and Agriculture	Honey Concentrate as an Organic Preservative
eP15	UAEU College of Information Technology	Building an Artificial Brain into a NAO Robot: A Study to Understand Human Performance under Pressure

Poster	Institute	Project Title
eP16	UAEU College of Business and Economics	The Effect of Blended Learning on Students' Performance in the Arab Universities: a Meta Analysis/Systemic Review
eP17	UAEU College of Engineering	Detoxification of Produced Water
eP18	UAEU College of Business and Economics	Does Transparency Matter in a Government Ownership Setting
eP19	UAEU College of Engineering	From Waste to Valuable Products, New Dimension in the Use of Palm Trees' Leaves and Fibers
eP20	UAEU College of Science	Tables of Equation-Of-State, Thermodynamic Properties, and Shock Hugoniot for Hot Dense Fluid Hydrogen (PP40)
eP21	UAEU College of Humanities and Social Sciences	Assessment of Environmental Knowledge and Recycling Practices of UAE High School Students (PP30)

Oral Presentations

CIT Auditorium, E1-1027, E1-1028 & E1-2029

OP1

Innovative Design of Heat Exchangers using Airfoil Fins for Concentrated Solar Power Plants

Presenter(s): Hour Al Hefeiti, Haleima Al Metiri, Alanoud Al Kaabi, Aysha Alshamsi

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Fadi Al Naimat

OP2

Effects of Water Emulsion of Waste Cooking Oil Biodiesel on Diesel Engine Performance and Exhaust Emissions

Presenter(s): Mariam Khaled Galal Ahmed Zaghoul, Aya Mansour, Moudi Ali Salem Alameri

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Mohamed Younes El-Saghir Selim

OP3

Reasons for Migration of Blue-Collar Workers in the Service Sector (Al Ain Case)

Presenter(s): Shamma Mohammed Ali Al Balushi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Sociology

Project Supervisor: Tatiana Karabchuk

OP4

Observational Studies of the Evolution of GRB 100414A Afterglow: Clues on the GRB Environment and Underlying Astrophysical Processes

Presenter(s): Afra Saleh Aldhahri

Institute: UAEU

College: College of Science

Department: Physics

Project Supervisor: Aquib Moin

OP5

Hydrogen Powered Unmanned Ground Vehicle

Presenter(s): Rohit Kothari, Shahab Shafqat, Syed Hasan Mehdi Rizvi

Institute: Emirates Aviation University

College: College of Engineering

Department: Aerospace Engineering

Project Supervisor: Khurram Iqbal

OP6

اللغة الإدارية والمتلقي

Presenter(s): Mariem Hamoud Hreimou

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Arabic Language and Literature

Project Supervisor: Emad Zapin

OP7

North-African Immigrants' Dialect in Arab Countries

Presenter(s): Meriem Madi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: General Linguistics

Project Supervisor: Marta Szreder

OP8

The Representation of Islamic Architecture in Sharjah

Presenter(s): Sundos Alsheebani

Institute: Zayed University

College: College of Arts and Creative Enterprises

Department: Interior Design

Project Supervisor: Adina Hempel

OP9

3D Printed Polymer Microchannel Heat Exchangers

Presenter(s): Ahmed Omar Alkaabi, Ahmed Abdulqader Alataishi, Salem Abdulla Alshamsi, Saleh Eisa Alalawi

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Bobby Mathew

OP10

Studying the Effect of Nano Particles and Polymers for Minimizing Formation Damage in Water-Based Drilling Fluids

Presenter(s): Somaya Ahmad RahmatAllah, Abdullahi Aminu, Reggy Ridwan, Aaasha Matar Abdulla

Institute: American University of Ras Al Khaimah

College: School of Engineering

Department: Petroleum and Chemical Engineering

Project Supervisor: Saad Abdallah Balhasan

OP11

Construction of BiOF/BiOI nanocomposites with tunable band gaps as efficient visible-light photocatalysts

Presenter(s): Ruba Fouad Abdullah Al Ajeil, Sundus Sallabi, Huda Abdulsalam Ahmed Bin Selem, Shadha Abdurabu Ahmed Alawadhi

Institute: UAEU

College: College of Science

Department: Chemistry

Project Supervisor: Ahmed Alzamly

OP12

The Impact of Infrastructure Development on Economic Growth: Evidence from China

Presenter(s): Veronika Radinovska

Institute: New York University Abu Dhabi

Department: Social Sciences

Project Supervisor: Etienne Wasmer

OP13

Micro-Encapsulation of Camel Milk Derived Probiotic Strain (Lactobacillus Rhamnosus MF00960) in Novel Camel Gelatin and Camel Casein as Wall Material

Presenter(s): Fatima Aldhaferi, Noura Almansouri, Maitha Alameri

Institute: UAEU

College: College of Food and Agriculture

Department: Food Science

Project Supervisor: Sajid Maqsood Maqsood Ahmed

OP14

Indoor Navigation System for the Visually Impaired

Presenter(s): Anoud Salem Janaan Alseiri, Yasmeen Qayed Ahmed Mohammed, Shamma Abdulla Mubarak Alghafri, Noura Salim Mohamed Fadil Saeed

Institute: UAEU

College: College of Information Technology

Department: Computer Engineering

Project Supervisor: Walid Ibrahim

OP15

Exploring the UAE College Students' Perceptual Learning Styles in Learning English as a Second Language

Presenter(s): Hanan Kazim, Bara Ksiksi

Institute: UAEU

College: College of Education

Department: Curriculum and Instruction

Project Supervisor: Negmeldin Alsheikh

OP16

Grey Water Recycling Unit

Presenter(s): Rashed Matar Al Dhaheri, Ahmed Saeed Alblooshi, Yousef Ali Al Shamsi, Mohammed Habeeb Al Saqqaf, Zayed Abdullatif Alblooshi

Institute: HCT

College: Al Ain Mens College, Faculty of Engineering, Technology and Science

Department: Mechanical Engineering

Project Supervisor: Rihana Begum Ishaq

OP17

Seismic Performance Assessment of Tall Buildings in the UAE: A Pilot Study Presenter(s): Ahmed

Hamed ElZaher, Aiman Hussein, Ahmed Bakhit Mohamed, Mazen Abd El-Razek

Institute: UAEU

College: College of Engineering

Department: Civil and Environmental Engineering

Project Supervisor: Aman Mwafy

OP18

Service Quality at Chili's Restaurant

Presenter(s): Ayesha Abdulla Alameri

Institute: HCT

College: Business Administration

Project Supervisor: Sathya Sivam

OP19

Videotaped Story Workshop Method: Stimulating University Students' Learning and Innovation

Presenter(s): Hamda Yahya Mohamed Amin Ahmad Kazim

Institute: UAEU

College: College of Education

Department: Curriculum and Instruction

Project Supervisor: Ghadah Hassan Mohamed S. Al Abd Al Murshidi

OP20

Utilizing Virtual Reality in Assessing Socio-Cultural Sustainability in Emirati Public Housing

Presenter(s): Menatullah Mostafa M. Omar, Mona Megahed, Hamda Saeed Mohammed Al Nuaimi, Shaikha Abdulla Khamis Abdulla Al Azizi

Institute: UAEU

College: College of Engineering

Department: Architectural Engineering

Project Supervisor: Khaled Galal Zaghloul

OP22

Manufacturing 3D Printed Prosthetic Hands

Presenter(s): Ali Awad Al Ahbabi, Ahmad Saeed Al Nuami, Hazza Saeed Al Meqbali, Mariam Abdulla Al Shamsi, Yaser Ibrahim Al Badi

Institute: HCT

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Ahn, Soon-Chul

OP23

Autonomous Integrated Farming System

Presenter(s): Farouk Dalhatu, Ayesha Alnuiami, Nelson Egharevba, Umar Uba Abubakar, Jasem Salman

Institute: Canadian University Dubai

College: School of Engineering

Department: Engineering Department

Project Supervisor: Moayad Aloqaily

OP25

Polyethylene/Graphene/Carbon Fiber Waste Hybrid Nanocomposites

Presenter(s): Saba Hittini, Sharouq Hamid, Mouza Albedwawi

Institute: UAEU

College: College of Engineering

Department: Chemical and Petroleum Engineering

Project Supervisor: Muhammad Iqbal

OP26

Development of a Simulation Model for Deep Drawing Process

Presenter(s): Ammar Ahmed Alburaimi, Muneir Dawood Alsayyed, Ahmed Ismail Al Hatti, Amged Al Hassan

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Jaber Abu Qudeiri

OP27

An Investigation of the Impact of Internship Programs on Student Perceptions of Employability

Presenter(s): Shama Musabah Alkaabi, Khazina Rashed Alshamisi, Alia Saeed Al Mansoori

Institute: UAEU

College: College of Business and Economics

Department: Economics and Finance

Project Supervisor: Emilie Rutledge

OP28

Thermal Performance of Solar Thermal Energy Storage

Presenter(s): Fatima Rashed Shaheen Eid Alnuaimi, Shaikha Rashid Khamis Obaid Al Naqbi, Moza Mohammed Al Naqbi, Maria Abdalla Al Naqbi

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Fadi Al Naimat

OP29

Environmental Evaluation of Implementing the Deposit-Refund Scheme for Closed Loop Recycling of Water Bottles in the UAE

Presenter(s): Shaza Hammoud

Institute: American University of Ras Al Khaimah

College: School of Engineering

Department: Mechanical and Industrial Engineering

Project Supervisor: Wisam Abu Jadayil

OP30

Analysis Of The Physio-Chemical Profile Of The Soils In The Emirate Of Dubai

Presenter(s): Roudha Taha Yousuf Alhaj Nasser

Institute: Zayed University DXB

College: College of Natural and Health Sciences

Department: Life and Environmental Science

Project Supervisor: Sreepoorna Unni

OP31

Examining UAEU Student's Satisfaction and Perception of Inclusion

Presenter(s): Bushra Mohammed Alhemiri, Saleha Salme Saleh Alkarbi, Shihana Saeed Mohammed Alqahtani, Almaha Ali Ghanim Al Ali

Institute: UAEU

College: College of Education

Department: Special Education

Project Supervisor: Hala Elhoweris

OP32

Can Traditional Emirati Food be Part of the Medical Nutrition Therapy in Chronic Kidney Disease?

Presenter(s): Mariam Husain AlHammedi

Institute: Zayed University - Abu Dhabi

College: College of Natural and Health Sciences

Department: Health Sciences

Project Supervisor: Malin Garemo

OP33

The Relationship between Inflation and Unemployment Rates in the USA in the Period 1965 - 2000

Presenter(s): Nuru Majid Said Salim

Institute: UAEU

College: College of Business and Economics

Department: Finance and Banking

Project Supervisor: Mrittika Shamsuddin

OP34

The Effect of Gum Arabic on Blood Glycemia, Lipidemia, Body Composition and Gastrointestinal Tract in Adults at Risk of Metabolic Syndrome

Presenter(s): Reem Fahad Al Bloushi, Ousha Rashed Alkhaili

Institute: UAEU

College: College of Food and Agriculture

Department: Nutrition and Health

Project Supervisor: Amjad Jarrar, Ayesha Al Dhaheri

OP35

Investigating Construction Quality Assurance in Buildings under Construction using an Infrared Thermal Imager

Presenter(s): Noor Ahmad Suleiman, Rahma Mohamed Abdelghani, Yasmin Abdou, Boshra Alkhazheya

Institute: UAEU

College: College of Engineering

Department: Architectural Engineering

Project Supervisor: Rahma Hassan Hagi Adan

OP36

Assessment of Salt Intake among UAE Population using 24-hour Urine Analysis

Presenter(s): Amira Yaslem Al Breiki, Alia Al Baloushi, Shaima Al Halabi

Institute: UAEU

College: College of Food and Agriculture

Department: Nutrition and Health

Project Supervisor: Amjad Jarrar

OP37

The Theory of Transitive Oppression

Presenter(s): Muna Husam AlKhateeb

Institute: Zayed University Abu Dhabi

College: College of Humanities and Social Sciences

Department: International Relations

Project Supervisor: William Bianco

OP38

Water Consumption at UAEU

Presenter(s): Rauda alneyadi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Geography and Urban Planning

Project Supervisor: Mohamed Yagoub Mohamed

OP39

Influence of Mineralogical Composition and Texture of Carbonate Rocks on Durability Presenter(s):

Malaz Osman Ali, Haneen Edhar Abouhaligah, Moza A Baloch, Diab Bakri Abdelrahman Hag, Hamdan Abdo Ali Algaishi

Institute: UAEU

College: College of Science

Department: Geology

Project Supervisor: Hasan Arman, Saber Hussein

OP40

Students' Perspectives on the Use of Educational Technologies in the Classroom Presenter(s):

Chaimae Abdouh

Institute: American University in the Emirates

College: College of Business Administration

Department: Marketing

Project Supervisor: Nikolina Ljepava

OP41

Smart Leg Assistant Brace (SLAB)

Presenter(s): Thuyzan Saif Saeed Al Yousefi

Institute: HCT

College: Al Ain Mens College

Department: Mechanical Engineering

Project Supervisor: Younes Mohd Awad Al Younes

OP42

Older but Wiser? Age and Loss Aversion in Professional Tennis

Presenter(s): Fajer Ahmed Almarzooqi

Institute: Zayed University

College: College of Business

Department: Economics

Project Supervisor: Kerim Arin

OP43

Unsafe Behaviour of Bicyclists in Al Ain, UAE: An Observational Study

Presenter(s): Ahmed Younis Al Khateeri, Mohammed Ali Al Ahbabi, Mohammed Ali Alyafei, Saeed Khaled Saeed Al Kaabi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Institute of Public Health

Project Supervisor: Michal Grivna

OP44

Analysis and Design of a Single Phase Voltage-frequency Converter with an Optimized PI Controller

Presenter(s): Basil Mohamed Elfatih Hamad, Nasser Rashid Al Darmaki, Abdulrahman Mohamed Al Dosari, Mohamed Abdullah Al Hammadi

Institute: UAEU

College: College of Engineering

Department: Electrical Engineering

Project Supervisor: Hussain Shareef

OP45

Connecting Cultures: Examining Shared Themes between Emirati Folklore and African American Folklore

Presenter(s): Muna Khamis Eisa Taj Addin Mohammed

Institute: UAEU

College: College of Humanities and Social Sciences

Department: English Literature

Project Supervisor: Phyllisa Smith Deroze

OP46

Land Use Attributes and Access to Public Transportation: The Case of Al Ain, UAE Presenter(s):

Fatema Ali Al Zaabi, Hamda Khalid Al Mheiri, Meera Khalfan Al Dhaheri

Institute: UAEU

College: College of Engineering

Department: Architectural Engineering

Project Supervisor: Sahera Bleibleh

OP47

Roles of Narratives in Civic Crowdfunded Projects: Linguistic Style, Message Substance, and Crowdfunding Success

Presenter(s): Nasreen Suleiman, Rajaa Karaouzene

Institute: UAEU

College: College of Business and Economics

Department: MIS

Project Supervisor: Chang Lee

OP48

The Effects of Sustainable Food Innovation on Consumers' Perceived Cost/Benefit, Risk and Uncertainty, and Attitudes

Presenter(s): Mohammed J. Al Hamami, Mohamed A. Yousif, Nour El Din H. Elsayed Ali Gadou, Imad Eldin A. Yousif

Institute: UAEU

College: College of Food and Agriculture

Department: Agribusiness

Project Supervisor: Aydin Basarir

OP49

English-Based Lexical Calques in Arabic Journalistic Texts: Lexical and Cognitive Implications

Presenter(s): Rauda Mohammed Aldhaheeri, Farah Hosam Atef, Hafsa Alfalasi, Mariam Ghrair ElRomaithi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Translation Studies

Project Supervisor: Jamal Mohamed Giaber

OP50

Modulation of Glucose Metabolism by Date Seeds in Human Hepatic Cells (HepG2)

Presenter(s): Fatima Mohamed Mohieldin Abdelfattah, Khaula Salem Khamis Albadi, Mentalla Hussein Moustafa Adib

Institute: UAEU

College: College of Food and Agriculture

Department: Nutrition and Health

Project Supervisor: Carine Platat

OP51

Reshaping the Future: Economic and Social Impacts of Artificial Intelligence on UAE Society

Presenter(s): Latifa Mohammed Khalfan Al Neyadi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Sociology

Project Supervisor: Paul O'Connor

OP52

Bacterial Community Structure and Physicochemical Properties of Saline Sandy Soil in Response to Long-term application of Compost and Biochar

Presenter(s): Ayesha Ahmed Alblooshi

Institute: Zayed University DXB

College: College of Natural and Health Sciences

Department: Life and Environmental Sciences

Project Supervisor: Munawwar Ali Khan

OP53

Integrating Environmental Education in the School Curriculum at Primary and Secondary Level in the UAE

Presenter(s): Mohammed Maali, Rua Maali, Amal Ahmed

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Geography and Urban Planning

Project Supervisor: Naeema Al Hosani

OP54

The Influence of Evolutionary Psychology on Human Mating and Sexual Behaviour Presenter(s):

Nida Mohammad Fayyaz

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Psychology and Human Counseling

Project Supervisor: Mohammed Elhammoumi

OP55

A Comparative Study of Clustering Algorithms for Mixed Dataset

Presenter(s): Maryam Alharmoodi, Hessa Hassan

Institute: UAEU

College: College of Information Technology

Department: Information Security

Project Supervisor: Saad Harous

OP56

Assessment of Food Risks Associated with Home-made Foods vended over Social Media in the UAE

Presenter(s): Enan Nawafleh, Aseilah Alheftei, Maithah Albreiki, Mznah Salem Al Dhanhani, Maitha Mohammad

Institute: UAEU

College: College of Food and Agriculture

Department: Nutrition and Health

Project Supervisor: Nuha Mustafa, Ayesha Salem Obaid S. Al Dhaheri

OP57

Developing and Testing of Heat Sink Utilizing PCM Material with Enhanced Thermophysical Features

Presenter(s): Faris Omar Mahmoud Safieh, Sami Salem Ahmed, Salem Ahmed Alzaabi, Mohammed Abobaker Abduljabbar

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Salahaddin Al-Omari

Poster Presentations

Ground Floor CIT: Main Hallway, Exhibition Hall (G023) & Study Hall (G033)

PP1

Effects of Co-infection with Respiratory Syncytial Virus and Influenza A Virus on Viral Load and Pulmonary Function in Mice

Presenter(s): Maryam Alhammadi, Amal Mohammed Alshehyari, Shaikha Hasan Yousef Alshamsi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Pediatrics

Project Supervisor: Ahmed Deemas Al Suwaidi

PP2

Do Male Siamese Fighting Fish Exhibit the Dear Enemy Phenomenon?

Presenter(s): Omar Alblooshi, Mohammad Siddig, Rabie Barka, Aiman Ksiksi

Institute: UAEU

College: College of Science

Department: Biology

Project Supervisor: Sofyan H. Aalyan

PP3

Assessing Commercial 3D Scanners to Reproduce Structural Elements

Presenter(s): Alyazia Alshamsi, Asma Aldarmaki

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Waleed Khalil Ahmed, Hamad Al Jassmi

PP4

Reducing the Harmful Impact of the PrePreg Scrap from Domestic Aerospace Industries Using Compression Molding to Preserve the UAE Environment

Presenter(s): Aya Mansour, Hend Ali Rashed Abdulla Alqaidy, Mariam Abdullah Saberi Alhammadi, Haleimah Salem Mohamed Ali Alabdouli, Alya Rashed Abdulla Alqaidy

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Waleed Khalil Ahmed, Ali Al Naqbi

PP5

A Virtual Model of Primitive Learning

Presenter(s): Shamma Alwheibi, Alshaimaa Alnaqbi, Fatima Msafir

Institute: UAEU

College: College of Information Technology

Department: Computer Science

Project Supervisor: Boumediene Belkhouche

PP6

Removal of Cr(VI) from Polluted Water Using Magnetically Separable Goethite Fe₂O₃@SiO₂@FeOOH Nanoparticles

Presenter(s): Nayla Mohammed AlNuaimi, Sara Saada, Salma Alrashdi, Fatima Alnuaimi

Institute: UAEU

College: College of Science

Department: Chemistry

Project Supervisor: Ruwaya Rashed Hamad Sultan Al Kendi

PP7

Ca²⁺, Zn²⁺ Sulfate Polycarboxylate Bone Cement: Formation and Characterization

Presenter(s): Shafaa Abobaker Al-Maqdi

Institute: UAEU

College: College of Science

Department: Chemistry

Project Supervisor: Yaser Elhanafy Afifi

PP8

LEA 2 Protein

Presenter(s): Wisam Khader, Mohammad Karam

Institute: UAEU

College: College of Food and Agriculture

Department: Aridland

Project Supervisor: Khaled Masmoudi

PP9

Drone for Trees

Presenter(s): Ali Amer Alshamsi, Saeed Hashem Alkayyoomi, Khaled Taleb Alblooshi, Aeda Rashed Alkindy, Shehab Tareq Almessbi

Institute: HCT

College: Al Ain Mens College

Department: Mechanical Engineering

Project Supervisor: Hussein Al Wedyan

PP10

The Negative Influence of Smart Devices on Children's Health in the UAE

Presenter(s): Amna Sultan, Mariam Ali Alnuaimi, Manal Ahmad Albloushi, Jawaher Saeed AlNasari

Institute: HCT

College: Al Ain Women's College

Department: Computer Information Sciences

Project Supervisor: Abdel Karim Al Tamimi

PP11

Cost-effective Design Solution for Hammerhead Bent Caps

Presenter(s): Nour Walid Hassan, Alyazia Ali Albloushi, Fakhera Mohammed Alnuaimi

Institute: UAEU

College: College of Engineering

Department: Civil and Environmental Engineering

Project Supervisor: Tamer Abdallah Maaddawy

PP12

Designing and Developing Innovative Structural Engineering Failure Experiment Using Additive Manufacturing Technology

Presenter(s): Asma AlDramaki, Alyazia AlShamsi

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Waleed Khalil Ahmed, Hamad Al Jassmi

PP13

The Influence of Social Media on Online Shopping in the UAE

Presenter(s): Mouza Alkhaili, Reem Mohammed, Reem Rashed, Khawla Salem

Institute: HCT

College: AlAin Womens College

Department: Computer Information Sciences

Project Supervisor: Abdel Karim Al Tamimi

PP14

Effects of Probiotics on Gastric Epithelial Cells

Presenter(s): Amal Alkhoori, Farah Al-Yassir, Subi Sugathan, Prashanth Saseedharan

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Anatomy

Project Supervisor: Sherif Karam

PP15

Simultaneous Extraction–reaction Process for Biodiesel Production from Microalgae

Presenter(s): Hiyam Hisham Haras, Reem Shomal, Amal Mlhem, Rawan Hassan

Institute: UAEU

College: College of Engineering

Department: Chemical Engineering

Project Supervisor: Sulaiman Al-Zuhair

PP16

Vehicle Emissions Mapping in Major Cities in the UAE

Presenter(s): Ahmed Bin Sarhak, Mohammed Khamis Al Hassani, Abdulrahman Humaid Almheiri, Abdulla Hussain Al Blooshi, Hussain Musaed Al Wahedi

Institute: HCT – Al Ain

College: Faculty of Engineering, Technology and Science

Department: Mechanical Engineering

Project Supervisor: Rihana Begum Ishaq

PP17

The Effect of Tolerance on Employees Emotional Burnout

Presenter(s): Fatema Ahmed, Reem Juma, Shamma Ibrahim, Najwa Hussain

Institute: Zayed University

College: College of Business

Department: Human Resources

Project Supervisor: Taiba Hussain

PP18

What Does my Teacher Want from me? Teachers' Expectations of Children Starting School in the UAE

Presenter(s): Fatme Ali Mohamad, Mouza Abdulla Mohammed

Institute: UAEU

College: College of Education

Department: Curriculum and Instruction

Project Supervisor: Rachel Alison Takriti

PP19

The Impact of Financial and Economic Factors on Islamic Funds Performance

Presenter(s): Aysha Saif Alketbi

Institute: UAEU

College: College of Business and Economics

Department: Finance and Banking

Project Supervisor: Chiraz Labidi

PP20

Food Deserts: the Lack of Access to Quality Fresh Vegetables in the Abu Dhabi Emirate

Presenter(s): Azza Ali Abdulla AlBadi, Amal Saif Salem Alashkhari, Fatima Ibrahim Hussain Ali

Institute: UAEU

College: College of Food and Agriculture

Department: Agribusiness

Project Supervisor: Eihab Mohamed Fathelrahman

PP21

Price History and Social Media Mining To Predict Stock Market Movement

Presenter(s): Shamsa Rashed, Fatima Alkaabi

Institute: UAEU

College: College of Information Technology

Department: Information Security

Project Supervisor: Salah Bouktif

PP22

Experimental Investigation of the Stability and Characterization of Nanofluids under Different Surfactants Weight Percentage

Presenter(s): Ameereh Seyedzadeh, Aaisha Khamis Al Yahyaai, Aysha Rashed Awad Alshamsi, Dina Al Jamal

Institute: UAEU

College: College of Engineering

Department: Mechanical Engineering

Project Supervisor: Emad Eldeen Jamil Elnajjar

PP23

Socotra Cormorants, Foxes and Gazelles' Behavior on Siniya Island

Presenter(s): Aseel AbdelKarim Abu Shawish

Institute: UAEU

College: College of Science

Department: Biology

Project Supervisor: Sabir Muzaffar

PP24

Affect of Aryl Hydrocarbon Receptors in Gastric Stem Cells Activation

Presenter(s): Anoud Ahmed Bin Hraiz, Shakila Afroz, Amal AlKhoori

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Anatomy

Project Supervisor: Sherif Karam

PP25

The Evolution of Battery Technology

Presenter(s): Sheikh Tijan Jobe, Bashar Hiatham Al Zohily, Aymane Bennaser

Institute: UAEU

College: College of Science

Department: Chemistry

PP26

Bond Performance of Fiber Reinforced Polymer Bars in Recycled Concrete

Presenter(s): Ebtessam M. Ahmed Alghafri, Shaima A. Jaafar Aldaweela, Noura B. Yaqoob AlTamimi, Hamda A. Saeed Aljaberi

Institute: UAEU

College: College of Engineering

Department: Civil and Environmental Engineering

Project Supervisor: Ahmed Godat

PP27

How old are Clastic Materials Covering the Al Ain Area, UAE?

Presenter(s): Mariam Ahmed Ali Murad Al Raeesi

Institute: UAEU

College: College of Science

Department: Geology

Project Supervisor: Osman Abdelghany

PP28

Thermal Imaging Autonomous Drone for Aerial Surveillance

Presenter(s): Alanoud Hamad Al Shamsi, Alanoud Abdulla Alshamsi, Aysha Khamis Al Dhaheri, Aysha Fares Aldhaheri

Institute: HCT

College: College of Engineering

Department: Aeronautical Engineering

Project Supervisor: Utsav KC

PP30

Assessment of Environmental Knowledge and Recycling Practices of UAE High School Students

Presenter(s): Shaikha Ismail Alblooshi, Reem Sultan Alameri, Asma Abdulla Alyammahi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Geography and Urban Planning

Project Supervisor: Tareefa Saad Sultan S.AISumaiti

PP31

Starch and Camel Whey Protein Stabilized Nano-emulsion as a Potential Carrier for Vitamin D3

Presenter(s): Noura Al Mansouri

Institute: UAEU

College: College of Food and Agriculture

Department: Food Science

Project Supervisor: Sajid Maqsood Maqsood Ahmed

PP33

Analysis of Tricarboxylic Acid Cycle Metabolites by Ultra-performance Liquid Chromatography-tandem Mass Spectrometry in Dried Blood Spots

Presenter(s): Naila Ahli, Lamia Alhammadi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Pediatrics

Project Supervisor: Osama Aldirbashi

PP34

In Vitro Investigation of Health-Promoting Benefits of Fermented Camel Sausage by Novel Probiotic Lactobacillus Plantarum: A Comparative Study with Beef Sausages

Presenter(s): Aysha AlMheiri, Mouza Aldhaheiri, Bakhita Raeisi

Institute: UAEU

College: College of Food and Agriculture

Department: Food Science

Project Supervisor: Mutamed Ayyash

PP36

The Application of RAVLT on Healthy Native Arabic Speakers in UAEU

Presenter(s): Waala Dhafer AlAhbab, Aisha Manzar Alam Sadfi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Linguistics

Project Supervisor: Alexandra Marquis

PP37

Polyester Composites Reinforced with Date Palm Fibers

Presenter(s): Dalal Ahmed Aljneibi, Alyaa Sultan Alhefeiti, Nada Awad Elsayed Mousa, Mariyam Abdullah Aljaberi

Institute: UAEU

College: College of Engineering

Department: Chemical and Petroleum Engineering

Project Supervisor: Basim Moh'd Ismail Abu-Jdayil

PP38

The Burden of Gestational Diabetes Mellitus in Emirati Pregnant Women: Results from Mutabaah Study.

Presenter(s): Sara Salem Masoud Al Dhaheri, Aysha Salem Obaid AlDhaheri, Hessa Ali Hamed AlNeyadi, Maha Hamad Ali Alazeezi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Public Health

Project Supervisor: Luai Ahmed

PP39

Hair and Salivary Cortisol as a Biomarker of Stress in UAE University Students

Presenter(s): Amel Mameri, Raghda Ahmed Aly, Hana Hamdan, Mariam Al Kaabi, Asmaa Alsereidi

Institute: UAEU

College: College of Science

Department: Chemistry

Project Supervisor: Iltaf Shah

PP40

Tables of Equation-Of-State, Thermodynamic Properties, and Shock Hugoniot for Hot Dense Fluid Hydrogen

Presenter(s): Amro Imam, Mohamad Ali Alawadhi

Institute: UAEU

College: College of Science

Department: Physics

Project Supervisor: Mofreh Ramadan Zaghloul

PP41

Cardiovascular Risk Factors and Mortality Among Acute Coronary Syndrome in Middle East: A Systematic Review and Metanalysis

Presenter(s): Abdulla Mahmoud Abdulla Ahmed Mohamed, Hassan Hussain Nasir Abboudi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Medicine

Project Supervisor: Abdullah Shehab

PP42

Association Studies on Genetic Variants in UAE Schizophrenic Patients.

Presenter(s): Mohammed Ali Al Ahbab, Zahra Mohammed Asyan Almansoori

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Pathology

Project Supervisor: Bassam Ali

PP43

Economic and Environmental Consequences of Black Powder in Oil/Gas pipelines Phenomenon and Proposed Solutions

Presenter(s): Abdulrahman Khaled Alzaabi, Salma Mohamed Abdelwahab, Hassan Faham Hassan Alhamoudi

Institute: American University of Ras Al Khaimah

College: College of Engineering

Department: Petroleum

Project Supervisor: Saad Abdallah Balhasan

PP44

An Implicit Hybrid Method for Solving Fractional Bagley–Torvik Boundary Value Problem

Presenter(s): Safa Emad Alrefai, Sondos Hasan Alkaldi

Institute: UAEU

College: College of Science

Department: Mathematical Sciences

Project Supervisor: Mohamed Ibrahim Syam

PP45

Bone Biomechanics in Non-obese Animal Model of Type 2 Diabetes Mellitus

Presenter(s): Husain Yahya Chaqfa

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Anatomy

Project Supervisor: Sahar Mohsin

PP46

Cloning and Preliminary Analysis of the Role of a Novel Long Non-Coding RNA in Development and its Contribution to Metabolic Diseases using a Rodent Model System

Presenter(s): Mahra Ibrahim Khamis Khalfan Alyahyae, Meera Rashed Omair Mohammed Alshamsi, Mahra Rashed Sultan Ali Alshamsi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Anatomy

Project Supervisor: Emeraldbright Starling

PP47

β -caryophyllene Attenuates Lipid Peroxidation and Improves Non-enzymatic Antioxidants in Isoproterenol Induced Myocardial Necrosis in Rats

Presenter(s): Husain Yahya Chaqfa, Mohammed Marzouq Al Ahabbi, Mahra Ibrahim Alyahyae, Shamsa Said Alalawi

Institute: UAEU

College: College of Medicine and Health Sciences

Department: Pharmacology and Therapeutics

Project Supervisor: Shreesh Kumar Ojha

PP48

On Extended q -Raabe Integrals and Applications of Gospers q -Trigonometry

Presenter(s): Rasha Majed Shat, Fatima Abdulla Omar Albreiki, Sara Awni Alkhatib

Institute: UAEU

College: College of Science

Department: Mathematical Sciences

Project Supervisor: Mohamed El Bachraoui

PP49

Impact of Student-Faculty Interaction on College Student Attitudes and Outcomes

Presenter(s): Semma Saad, Maryam V. Abdullah, Sara Alansari

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Psychology and Counseling

Project Supervisor: Brettjet Cody

PP51

The Effect of Elevated Light and Temperature on Gulf Corals' (*Platygyra Dadlea*) Health

Presenter(s): Salma Mohamed Aljaberi, Lulwa Abdelsamad Alblooshi

Institute: Zayed University

College: College of Natural and Health Sciences

Department: Life and Environmental Sciences

Project Supervisor: Henrik John Stahl

PP52

Flexural and Shear Responses of Hybrid Fiber Reinforced Geopolymer Concrete

Presenter(s): Zakaria Elkarouf, Ali Dhaif Allah Ali Saleh

Institute: UAEU

College: College of Engineering

Department: Civil Engineering

Project Supervisor: Said Abdelfattah Said Elkhoully

PP53

Experimental and Numerical Studies of Structural Performance of Notch Damaged Steel Beams

Presenter(s): Zakaria Elkarouf, Ali Dhaif Allah Ali Saleh

Institute: UAEU

College: College of Engineering

Department: Civil Engineering

Project Supervisor: Said Abdelfattah Said Elkhoully

PP54

The Characteristic Polynomials of Symmetric Graphs

Presenter(s): Shamma Sultan AlDhaheri, Mei Yousef Tahnon, Amna A. E. Abunamous

Institute: UAEU

College: College of Science

Department: Mathematical Sciences

Project Supervisor: Nafaa Chbili

PP55

MaxEnt and Species Distribution

Presenter(s): Shima Khamis Ali Al-Badi, Salama Khamis Abdulla Al Kaabi, Shamsa Mohammed Khalifa Alameemi, Fatima Eltayeb Hassan, Sanad Mohammed Salem Fareaa

Institute: UAEU

College: College of Science

Department: Biology

Project Supervisor: Taoufik Ksiksi

PP56

In Vitro Investigation of the Physical and Functional Interaction between Angiotensin II and Thrombin Receptors

Presenter(s): Saida Hafsa Rafique, Marwa Musallam, Amie Jobe

Institute: UAEU

College: College of Science

Department: Biology

Project Supervisor: Mohammed Ayoub

PP57

The Impact of High-tech Machinery on the Design Field

Presenter(s): Hamda Abdulla Ahmad Aljasmi

Institute: Zayed University

College: College of Arts and Creative Enterprises

Department: Interior Design

Project Supervisor: Thorsten Lomker

PP58

Peroxidase-mediated Degradation of Twenty Different Emerging Pollutants

Presenter(s): Alanood Gharib Alblooshi, Shamma Alrashdi, Maitha Alrashdi, Mahra Alyahyae, Halima Alawani

Institute: UAEU

College: College of Science

Department: Chemistry

Project Supervisor: Syed Salman Ashraf

PP59

Electronic and Optical Properties of Layered 2-D InSe and GaSe Materials: Ab initio Study

Presenter(s): Khulood Alshehhi, Mariam Ahmed Elkasllan, Juwayni Lucman, Basem Abdel Aziz

Institute: UAEU

College: College of Science

Department: Physics

Project Supervisor: Amrane Noureddine

PP60

A Simulation Analysis of a Multi-Periods Dual Sourcing Supply Chain

Presenter(s): Reem Badran, Shaikhah Alyammahi, Reem Mossabeh

Institute: UAEU

College: College of Engineering

Project Supervisor: Kilani Ghoudi

PP61

Autism Identification and Severity Scale for UAE Children of 16 to 36 Months Age

Presenter(s): Khulood Ahmed Alhebsi, Watfa Salem Mohammed, Hajar Saleh, Ala Hassan Mohamed

Institute: UAEU

College: College of Education

Department: Special Education

Project Supervisor: Mohammed Safi

ePoster Presentations

Exhibition Hall (G023) & Study Hall (G033)

eP1

The Effect of FOMO on Female Students in UAEU

Presenter(s): Nada Salahudeen Kamel Qattan, Hasna Nasser Saeed Khamis Mana

Institute: UAEU

College: College of Humanities and Social Sciences

Department: English Literature

Project Supervisor: Mary Theresa Donnenworth

eP2

The Possibility of Introducing Urban Farms in Al Ain City

Presenter(s): Jawaher Ebrahim Mohamed Al Shehhi, Shamsa Mohammed Alkaabi, Latifa Obaid Almheiri

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Geography and Urban Planning

Project Supervisor: Marwan El Mubarak

eP3

Electronic and Optical Properties of GaSe and InSe: an Analysis using LAPW - LDA, GGA, MBJ Methods – Wien2K Package

Presenter(s): Alam Saj, Ibrahim Al Ghouli, Juwayni Lucman, Basem Abdel Aziz

Institute: UAEU

College: College of Science

Department: Physics

Project Supervisor: Maamar Benkraouda

eP4

Self Powered Hearing Aid System

Presenter(s): Asma Abdelrazaq, Huda AlNuaimi, Khulood AlMarzooqi, Rim Abidi

Institute: UAEU

College: College of Engineering

Department: Electrical Engineering

Project Supervisor: Mahmoud F. Al Ahmad

eP5

Physible Mobile Application

Presenter(s): Afaf Saleh Al Jaber

Institute: UAEU

College: College of Science

Department: Physics

Project Supervisor: Ehab Malkawi

eP6

Date Seed Powder in Baked Goods

Presenter(s): Maitha Rashed Alkaabi

Institute: UAEU

College: College of Food and Agriculture

Department: Food Science

Project Supervisor: Constantinos Stathopoulos

eP7

Job Helper: A Solution to Students' Post-graduation Concerns

Presenter(s): Sheikha Mohammad Inam Ul Haq

Institute: UAEU

College: College of Business and Economics

Department: Business Administration

Project Supervisor: Poh Yen Ng

eP8

Spatio-Temporal Mapping of Water Consumption at Public Institutions: a Case Study of the United Arab Emirates University

Presenter(s): Latifa Ebrahim Obaid AlMheiri, Yaqeen Ahmed Saeed AlHashmi, Rauda Abdullah Saeed AlNeyadi

Institute: UAEU

College: College of Humanities and Social Sciences

Department: Geography & Urban Planning

Project Supervisor: Tareefa Saad Sultan S.AISumaiti, Mohamed Yagoub Mohamed

eP9

How Can Campaign Awareness be used to Minimize Cancer Death Rate in the United Arab Emirates (UAE)?

Presenter(s): Deo Niyonkuru, Emmanuel Tuyishime

Institute: UAEU

College: University College

Project Supervisor: Ahmad Bello Abubakar

eP10

Extraction of Natural Resources without Environmental Degradation in the UAE

Presenter(s): Aubin Cyiza, Noel Umukunzi, Joel Klint Kayihura

Institute: UAEU

College: University College

Project Supervisor: Ahmad Bello Abubakar

eP11

Rain in the UAE

Presenter(s): Fatima Sultan Salem Obaid Alnuaimi, Ghaya Z. Ahmed Mohammed Alawadhi, Shamsa Rashid Saif Alshamsi, Amel Abdalla Ibrahim Abdullrhman Abdalla

Institute: UAEU

College: University College

Project Supervisor: Michael Flemming

eP12

International Portfolio Diversification for the UAE: Fresh Evidence from a New Approach

Presenter(s): Aysha K. Rashed Al Kaabi, Aysha A. Saeed Al Nuaimi, Shaikha M. Rashed Al Kaabi, Azza Ali Al Kaabi, Shaikha Khalifa Al Kaabi

Institute: UAEU

College: College of Business and Economics

Department: Economics and Finance

Project Supervisor: Abdalnasser Hatemi Jarabad

eP13

Energy Usage in the UAE: Renewable Energy's and Non-renewable Energy's Trends and Challenges

Presenter(s): Najat Abdelmalik Mohamed, Wa'ad Mohamed Hassan

Institute: UAEU

College: College of Business and Economics

Department: Economics and Finance

Project Supervisor: Emilie Rutledge

eP14

Honey Concentrate as an Organic Preservative

Presenter(s): Maitha Mohammed Al Nahdi

Institute: UAEU

College: College of Food and Agriculture

Department: Nutrition and Health

eP15

Building an Artificial Brain into a NAO Robot: A Study to Understand Human Performance under Pressure

Presenter(s): Ruqaya Saleh Saleh Alhemeiri, Maitha Salem Altheeb Alnuaimi, Wedad Saeed Salim Almazrouei, Kholoud Rashed Ali Alyammahi, Shamma Mohammed Aleissae

Institute: UAEU

College: College of Information Technology

Department: Computer Science and Software Engineering

Project Supervisor: Fady S. Alnajjar

eP16

The Effect of Blended Learning on Students' Performance in the Arab Universities: a Meta Analysis/Systemic Review

Presenter(s): Wala Ahmad, Hamda Alrashdi, Kaouthar Madi

Institute: UAEU

College: College of Business and Economics

Department: Statistics

Project Supervisor: Tamimount El Bachraoui Ennaji, MD Shahadut Hossain

eP17

Detoxification of Produced Water

Presenter(s): Reem Mosabbah, Iness Belkalai

Institute: UAEU

College: College of Engineering

Department: Chemical and Petroleum Engineering

Project Supervisor: Essa Georges Lwisa

eP18

Does Transparency Matter in a Government Ownership Setting

Presenter(s): Mariam Mohammed Ahmed Al Farsi, Mona Aboud Mohammed Bin Dahman, Sondos Ismail

Institute: UAEU

College: College of Business and Economics

Department: Economics and Finance

Project Supervisor: Jocelyn Grira

eP19

From Waste to Valuable Products, New Dimension in the Use of Palm Trees' Leaves and Fibers

Presenter(s): Meera Al Dhaheri – Ezdehar Gamil – Fatema Al Shehhi

Institute: UAEU

College: College of Engineering

Department: Chemical Engineering

Project Supervisor: Abdulrahman Alraeesi

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