

UPAR

S.No	Project Title	PI	College
1	Promoting Social Responsibility and Sustainability Using a Model of Integrity Evidences from the UAE, Australia, Turkey and Italy	Nihel Chabrak	CBE
2	Policy Uncertainty and Stock Returns: Conditional Dependence and Spillover Effects	Chiraz Labidi	CBE
3	Antecedents and Consequences of New Product Exploration within SMEs in the UAE	Mumin Dayan	CBE
4	Camelait: Characterization and Analysis of Camel Milk Proteins	Afaf Kamal-Eldin	CFA
5	Camel Gelatin: A Potential Alternative to Pork Gelatin	Sajid Maqsood	CFA
6	Introducing Quinoa as a Strategic Crop to Achieve Food Security in United Arab Emirates	Safdar Muhammad	CFA
7	Valorization of Lost Dates and Processing By-products (VALORDATE)	Sami Ghnimi	CFA
8	Using Multi-Objective Optimization for Designing the Ultra-Low-Power and Reliable Cmos Standard Cell Library	Azam Beg	CIT
9	Cloud-Based end-to-end QoS enforcement in UAE Health Big Data value Chain	Mohamed Adel Serhani	CIT
10	An Information Security and A Regulatory Framework for Unmanned Aerial Vehicles (UAVs) in the UAE	Ezedin S. Barka	CIT
11	Social Network based solution for obesity awareness, monitoring, and prevention in the UAE	Saad Harous	CIT
12	Predictive Big Data Analytics and Real-Time Monitoring and towards Energy Conservation	Salah Bouktif	CIT

13	Role of Purine-rich Sequences and Pr78Gag Precursor in the Selective Packaging of the Genomic RNA (gRNA) of Mason-Pfizer Monkey Virus (MPMV): a Potential Vector for Human Gene Therapy	Tahir Rizvi	CMHS
14	Role of hypoxia and inflammation in white matter injury	Fakhreya Yousuf Hussain Mohammad	CMHS
15	Characterization of carbapenemase producing members of Klebsiella pneumoniae ST14 clone highly prevalent in the UAE by whole genome sequencing	Agnes Sonnevend-Pal	CMHS
16	Body size and expression and methylation analysis of developmental genes in the placenta and umbilical cord of newborns of biologically related and unrelated parents	Srdjan Denic	CMHS
17	Proteinuric Biomarkers in Chronic Kidney Disease: Clinical and Experimental studies	Omran Bakoush	CMHS
18	Seroprevalence of vaccine preventable diseases among students and staff of the College of Medicine and Health Sciences (UAE University)	Mohamud Sheek-Hussein	CMHS
19	Screening of genetic causes and molecular basis underlying congenital disorders in UAE	Lihadh Al-Gazali	CMHS
20	Effects of Dehydration neurohormones, Inflammatory cytokines, oxidative stress and functional genomics in the Camel	Abdu Adem	CMHS
21	A multimodal approach to examine signatures of brain cortical plasticity in health and disease by combining non-invasive brain stimulation and EEG	Milos Lubisavijevic	CMHS
22	To study the role of food allergy and levels of different immune-regulatory and inflammatory cytokines in children's with Autism Spectrum Disorders (ASDs) among UAE nationals	Shirina Alsowaidi	CMHS
23	Effects of the Phosphoinositide 3-Kinase p110 δ Inhibitor Idelalisib on Influenza A Virus Infection in Murine Model	Ahmed Deemas Alsowaidi	CMHS

24	Prediction of long-term effects of sustained loads and offshore-environment on composite structures	Abdel-Hamid Mourad	COE
25	Multihoming Resource Allocation for Machine-to-Machine Capillary Wireless Networks	Atef Abdrabou	COE
26	Analytical and Experimental Assessment of Performance Limit States for Seismic Loss Estimation of Concrete Buildings in the UAE	Aman Allah M. Mwafy	COE
27	Finite Element Modeling and Fracture Prediction of Wide-Flange Steel Braces under Cyclic Loadings	Madhar Haddad	COE
28	Reinforcing Continuous Concrete Structures with Hybrid Steel-Composite Rods: Experimental Testing and Numerical Modeling	Tamer El Maaddawy	COE
29	Improving luminous environment in museum buildings in UAE for more effective and protection of valuable artifacts displays	Khaled A. Al-Sallal	COE
30	Metric Properties of Linear Operators	Mohamed Salim	COS
31	Inert Gas Condensation of Aluminum Nitride Nanoclusters for optoelectronic applications: UV- light emitting diodes (LEDs)	Nasir Qamhieh	COS
32	Development, characterization and application of multi-detector flow injection systems based on parallel and serial flow configurations for simultaneous determination of clinically important biochemicals.	Jody Daniel Haddow	COS
33	Optical Data Processing with Solitons in Waveguide Arrays	Usama Al Khawaja	COS
34	Forced convection from a cylinder undergoing controlled circular motion Placed in a uniform stream	Qasem Al-Mdallal	COS
35	History Revisited: In vitro and in vivo study of Semecarpol and Bhilawinol for assessing their neuroprotective role	Fadwa Al-Mughairibi	CHSS

Start Ups

S.No	Project Title	PI	College
1	Estimation in restricted parameter spaces.	Othmane Kortbi	CBE
2	Labour Market Discrimination in UAE and Bangladesh: Evidence from Field Experiments	Mrittika Shamsuddin	CBE
3	Antecedents & Consequences of Expatriate Adjustment	Hanan Saber Mohammed Saeed Almazrouei	CBE
4	Technology and social inclusion of students with Special Educational Needs (SEN) in three primary schools in the UAE.	Efthymia Efthymiou	CEDU
5	Effects of Camel Milk on plasma glucose responses and insulin sensitivity: an acute postprandial study	Ruqaiya Moosa Al Balushi	CFA
6	An appraisal of Al Ain's consumers and farmers' acceptance of treated wastewater resources.	Tarik Chfadi	CFA
7	Anatomical and Morphological Study of Gastrointestinal tract of the Dromedary Camel (Camelus dromedarius)	Ahmad Al Aiyan	CFA
8	Economic Study of Water Use in Date Palm Production in the UAE	Dr Berhanu A. Degefa	CFA
8	The effects of comprehensive direct and indirect metalinguistic written corrective feedback on Emirati EAP students' written accuracy and writing skills	Khaled Karim	CHSS
9	Metaphysics and Sound	Dr Phillip Meadows	CHSS
10	The UAE a 21st Century Nation Brand: A Case Study of Etisalat Telecommunications Strategic Global Expansion Into Africa	Maha Bashri	CHSS
11	Remote sensing of sabkha ecosystems in the United Arab Emirates	Abdelgadir Abuelgasim	CHSS

12	Development of an assessment tool for oral skills in Emirati Arabic speaking children	Alexandra Marquis	CHSS
13	Consumerism and Socio-Economic Status in UAE	Mahmoud M Naamneh	CHSS
14	Poetry, Possible World, and the Future of Ecological Engagement	Jonathan Butler	CHSS
15	Information and communications (ICT) curriculum in high schools in UAE: Issues, implications and the way forward	Yousef Ali Mohamed Mubarak Al Hammadi	CIT
16	Effect of type 2 diabetes on postmenopausal bones	Sahar Mohsin	CMHS
17	Smart Nano-Photonic Structures for Vision and Solar Energy Harvesting	Faycal Saffih	COE
18	Dynamic Stability of Elastic and Viscoelastic Aircraft Wings	Tariq Taha Darabseh	COE
19	Intelligent Home Energy Management System with Renewable Energy and Demand Response Enabled Appliances	Hussain Shareef	COE
22	Design and manufacturing of active joint	Aiman Ziout	COE
20	Algebraic structure of crossed products	Viktor Bodi	COS
23	New hair test to determine Vitamin D status in Humans	Iltaf Shah	COS
24	Growth of III-Nitride Nanowires (InGaN, InAlGaN, and GaN) via low cost photoelectrochemical method for photonic applications	Adel Najjar	COS
25	Correlation of antioxidant and antiproliferative activities of five medicinal plants used in the United Arab Emirates with phenolic and flavonoid contents	Dr. Bayan Al-Dabbagh	COS
26	Molecular mechanisms controlling rostral migratory stream in mammalian brain	Rasheed Al Hammadi	COS

Research Centers

No.	Project Title	PI Name	Center	College
1	GCC Sovereign Wealth Fund Domestic Acquisitions: Impact on governance, performance, and cost of capital	Jocelyn Grira	CPPL	CBE
2	Political Risk and the Cost of Equity Capital: Lessons from the MENA Region	Mohamed Belkhir	CPPL	CBE
3	Diagnostic and Prognostic of Fuel Cell Systems	Hassan Noura	ECEER	COE
4	First-Principle Investigation of Suitable Materials for Detection of CO ₂	Nacir Tit	ECEER	COS
5	Residential Emergency Demand Response using Complex Bid Model for Islanded Microgrids with Droop Control of DG	Abbas Ahmad Fardoun	ECEER	COE
6	Growth of Microalgae for Simultaneous Biodiesel Production and Treatment of Industrial Wastewater	Sulaiman Al-Zuhair	ECEER	COE
7	Vortex Tube Energy Separation Performance Under Different Tube Parameters	Mohammad Omar Hamdan	ECEER	COE
8	Development of Fibrous Sorbents from Recycled Polymeric Waste and Thier Application in the Removal and Retrieval of Crude Oil Spills	Mohamed Al-Azab	ECEER	COS
9	Development and Characterization of Gas Analyzers of Commercialization Potential	Sayed Marzouk	ECEER	COS
10	New methodologies for broadband vibration-energy harvesting	Samir Emam	ECEER	COE
11	Investigating Various Issues on Grid Integration for Heaving Wave Energy Converters and Design/Implementation of Novel Resonant Circuit.	Addy Wahyudie	ECEER	COE
12	Laboratory Investigation of the UAE - Biodiesel fuel: Production, Engine Performances and Toxicity of Emissions on Human Health and Environment	Emad Eldeen J. Elnajjar	ZCHS	COE

13	Molecular studies on Gastric Stem Cells and Carcinogenesis	Sherif M Karam	ZCHS	CMHS
14	Sero-negativity and microbiological burden of pertussis across all age groups, including pregnancy, in the city of Al Ain, United Arab Emirates	Hassib Narchi	ZCHS	CMHS
15	Glycemic Control, Quality of Life, Associated Autoimmune Thyroid Diseases and Genetics of Emirati Patients with Type 1 Diabetes in Abu Dhabi – UAE	Juma M Alkaabi	ZCHS	CMHS
16	The Al Ain Mother and Child Cohort Study	Iain Blair	ZCHS	CMHS
17	Effects of H3 Receptor Antagonists/Inverse Agonists on the Animal Model of Autism Spectrum Disorder Induced By Prenatal Exposure to Valproic Acid.	Bassem Shaban Hasan Sadek	ZCHS	CMHS
18	Development of Rapid Electrical Detection of Viruses and Cells in Urine for Early Detection of Disease	Mahmoud Al Ahmad	ZCHS	COE
19	Targeting Histone Acetyl Transferases (HATs) in Breast Cancer by Carnosol, a Novel HAT Inhibitor and Transcriptome Analysis of Dysregulated Genes	Rabah Iratni	ZCHS	COS
20	Characterization of the Anticancer Effects of Boswellia sacra Essential Oil in Combination with Common Chemotherapeutic Drugs	Farah Mustafa	ZCHS	CMHS
21	Role of MCJ protein, an endogenous inhibitor of mitochondrial respiration, in cancer chemoresistance and metastasis	Basel Ramadi	ZCHS	CMHS
22	Developmental programming of the rat pancreas: Normal versus metabolically altered pancreas.	Eric Mensah-Brown	ZCHS	CMHS
23	Epstein-Barr virus small RNAs: Their intracellular transport, excretion, uptake and functional impact on recipient cells	Gulfaraz Khan	ZCHS	CMHS
24	Application of next-generation sequencing to determine actionable pharmacogenomic biomarkers and	Bassam R. Ali	ZCHS	CMHS

	haplotypes in oncology and cardiology among Emiratis			
25	Design, Synthesis and Pharmacological Evaluation of new Multipotent Anti-Alzheimer Disease Agents	Mohammad Khasawneh	ZCHS	COS
26	Comparative analysis of various AOP-enzyme approaches for efficient aromatic pollutant degradation	Syed Salman Ashraf	NWC	COS
27	Assessment of Transboundary Water Resources in UAE	Mohamed Mostafa Mohamed	NWC	COE
28	Transforming water spinach (<i>Ipomoea aquatica</i>) with abiotic stress tolerant genes	Li Ling	KCGEB	KCGEB
29	Greenhouse and field evaluation of transgenic bentgrass stably expressing	Shyam Sreedhara Kurup	KCGEB	CFA
30	Expression profiling and mutant analysis reveals complex regulatory networks involved in Arabidopsis response to biotic, abiotic and hormonal stresses	Synan Abu Qamar	KCGEB	COS
31	Evaluation of Concrete Non-Destructive Testing Instruments for Performance and Ability to Measure Properties Change Over Time	Omar J. Al-Khatib	RTTSRC	COE
32	Innovative Techniques for Enhancement of Safety of Roadway Bridge Girders using Noncorrosive Advanced Composite Materials	Amr Mahmoud Sweedan	RTTSRC	COE
33	Development of Strategies and a Project Delivery Management System for Large-Scale Infrastructure Projects	Yasser Hawas	RTTSRC	COE

SQU & UAEU

No.	Researcher Name UAEU	Researcher Name SQU	Proposal Title*	College
1	Dr. Khaled Ahmed Al Bloushi	Dr. Adel Mohamed El Shahat El-Hussain	Tsunami hazard assessment for the coastal areas of Diba Oman and Diba Al Fujairah United Arab Emirates	COS
2	Dr. Basim Moh'd Abu-Jdayil	Dr. Farouk Sabri Majali	Deep desulfurization of liquid fuel in microchannels using deep eutectic solvents	COE
3	Dr. Sami Ghnimi	Dr. Md Shafiur Rahman	Freshness evaluation of fish using electronic nose (E-nose) and electronic tongue (E-tongue) as compared to spectroscopic methods	CFA
4	Dr. Abderrahim Nemmar	Dr. Badreldin Ali	The effect of some phytochemicals with antioxidant and anti-inflammatory properties on the mitigation of experimental chronic kidney disease in rats exposed to diesel exhaust particles	CMHS
5	Dr. Samir Emam	Dr. Mojtaba Ghodsi	Development of Energy Harvesting System for Vibrational Structures	COE
6	Dr. Mohammed Abu Al-Ainain	Dr. Rahma Al-Mahrooqi	Research Obstacles in Higher Education Institutions in Oman and the United Arab Emirates: A Quantitative, Analytical and Comparative Study	CHSS
7	Dr. Mohammed Al-Meetani	Dr. Rengaraj Selvaraj	Harnessing solar energy and green chemical approach for the degradation of endocrine disruptor chemicals present in ground and wastewater	COS

