



1st Forum for Women in Research

**Empowering Women in Scientific Research:
Challenges, Opportunities & Recommendations**

**Research Outreach Department & Technology Transfer Office
Office of Vice Chancellor for Research & Graduate Studies**



**His Highness Sheikh Dr. Sultan bin Mohammed Al Qasimi,
a Member of the Supreme Council of the United Arab Emirates, Ruler
of the Emirate of Sharjah, and President of the University of Sharjah.**



Prof. Hamid AL Naimiy,
Chancellor, University of Sharjah, UAE
Founder & President of the Arab Union for Astronomy
and Space Sciences (AUASS)





Prof. Maamar Bettayeb,
Vice Chancellor for Research and Graduate Studies,
University of Sharjah, UAE



Organizing Committee of 1st Forum for Women in Research

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**Keynote Speaker &
Panelists**



H.E. Dr. Amna AlDahak AlShamsi

Assistant Undersecretary of the Activities and Care Sector in the Ministry of Education, UAE

Keynote Speaker

AlDahak AlShamsi is the Assistant Undersecretary of the Activities and Care Sector in the Ministry of Education since June 2016. She was also the Director of the Innovation and Entrepreneurship Department in the ministry from 2015 until March 2018. Prior to joining MOE, she worked as a Research Assistant at Khalifa University of Science Technology and Research (KUSTAR) and as a Lecturer and Faculty Assistant at University of Sharjah (UOS).

Dr. AlShamsi holds a PhD in Computer Engineering with a specialization in Robotics from Khalifa University, as well as a Master's and Bachelor's Degree in Computer Science from University of Sharjah. She also attained a Government Innovation Diploma from Mohammed Bin Rashid Centre for Government Innovation in 2016. Dr. AlShamsi represented the Ministry of Education in many local, regional and international conferences. She has also published several research papers and has been leading the development of a number of key projects at the MOE.

She supervised the implementation of significant initiatives promoting innovation and entrepreneurship by the Ministry to support the United Arab Emirates vision to position the country as one of the most innovative countries in the world.





Prof. Nadia M. Alhasani

Professor & Dean of the College of Fine Arts & Design, University of Sharjah, UAE

Panelist

Dr. Nadia M. Alhasani, is Professor and Dean of the College of Fine Arts & Design at the University of Sharjah – UAE. She completed her bachelor degree from the University of Baghdad, and graduate degrees from MIT and the University of Pennsylvania.

Prior to joining UoS, she was Dean of Academic Operations at the Higher Colleges of Technology (2016 –2018), Dean of Student Life and founding Director and Dean of the Women in Science and Engineering Program (WiSE) at the Petroleum Institute in Abu Dhabi (2007– 2016). Previously, she held the position of Assistant Vice Chancellor for Academic Affairs (2003– 2006) and Chair of Architecture and Interior Design (2000– 2002) at the American University of Sharjah, as well as teaching positions at the University of Pennsylvania, Miami of Florida, Notre Dame of Indiana, and Michigan.

Dr. Alhasani is the co-recipient of the 2016 Khalifa Award for Education, 20067– Research Fellow at the Aga Khan Program at MIT, 1994 National ACSA Faculty Teaching Award, Washington DC, 1992 Graham Foundation Grant, Chicago, and 199091– Willard A. Oberdick Fellowship from the University of Michigan.

She serves on the Task Force on the Teaching of Science in the Muslim World, Kuala Lumpur, Malaysia (2014–present), and the Academy of Engineering and Technology of the Developing World (AETDEW) under the auspice of the UNESCO (2016–present). Most recently, she was appointed as a member of the Governing Board of the Sharjah Performing Arts Academy, and Advisory Council of the Sharjah International Foundation for History of Arab and Muslim Sciences (SIFHAMS). Lectures and publishes on higher education in the MENA region, women in science and technology, and the role of Arts in STEM





Dr. Suad Hannawi

**MD, MRCP (UK), FRCP (UK),
MIPH (AUS), PHD (AUS)**

Panelist

Suad Hannawi, BhSc, MD, MRCP (UK), FRCP (UK), MIPH (AUS), PHD (AUS), a consultant of Rheumatology at the Ministry of Health and Prevention (MOHAP) of UAE. Chairman of Rheumatology in the MOHAP, Deputy Chairman of the Central Research Ethic Committee (REC), Chairman of Dubai Health District REC and chief rheumatology examiner for the MOHAP license and evaluation.

After receiving her Bachelor of Science (BhSc), and the Medical Diploma (MD), Dr. Hannawi obtained the fellowship of Royal College of Physicians of Edinburgh and completed her clinical training of Rheumatology in Australia. Dr. Hannawi proceeded with her academic attainment by obtaining a PhD in Rheumatology.

Her Interest in the Public Health motivated her to proceed with getting a Master of International Public Health from University of Queensland, Australia, with Dean's Commendation for High Achievement.

Dr. Hannawi has been awarded as best young investigator in Australia "Princess Alexandra" Research Week and awarded by the MOHAP for five consecutive years (2015, 2016, 2017, 2018 & 2019) for her Research Activities, Scientific Achievements and contribution. In 2017 Dr. Hannawi was chosen as one of the best 5 physicians in the Federal health institutes for the Prime Minister Medal.

Dr. Hannawi has published in number of journals and has presented at different national and international conferences. Dr. Hannawi is a reviewer for many international Rheumatology journals.





Dr. Amina Almarzooqi

**Acting Dean of College of Health Sciences,
University of Sharjah, UAE**

Panelist

EDUCATIONAL BACKGROUND:

2013 – EFQM certificate, College of Quality, Dubai

2000 – PhD. in Public Health, (Healthcare Management and Planning [Human

Resources Planning & Development]) Institute of Public Health, Alexandria University, Egypt

1994 – High Diploma in Healthcare Management and Planning

Institute of Public Health, Alexandria University, Egypt

1988 – Master's Degree in Health Management, Planning, and Policy,

Nuffield Institute, Leeds University, UK

1985 – Bachelor of Science in Community Health Education

University of South Carolina, Columbia, USA

1973 – Diploma in Midwifery, Nursing Institute, State of Kuwait

1972 – Diploma in General Nursing, Nursing Institute, State of Kuwait.





Dr. Lana El Chaar

**VP Center of Excellence, NOMAC, First
National Operations & Maintenance, Co., Ltd, UAE**

Panelist

Lana is currently the Vice President (VP) of the Center of Excellence at NOMAC where her main responsibility is to set up and manage the Centre of Excellence function for NOMAC and lead the implementation of a portfolio of strategic transformation projects (IMS / ERP/ Prediction Centre / Operational History, Innovation & Engineering) to drive operational efficiencies, whilst supporting NOMAC's growth aspirations. Prior to that, Lana was affiliated with General Electric where she started in June 2011 in Dubai as a Senior Marketing Manager for GE Energy doing research on energy trends, products and markets to support GE Growth in the energy sector for Middle East and Africa (MEA). She then joined the power services team as the product line manager leading energy efficiency initiatives and provided technical support for all GE uprate solutions for the Frame 7 HDGT in MEA. In 2013, she was assigned to deliver the first Industrial Internet of Things (IIoT) GE solution

in MEA to enhance energy efficiency and plant reliability to two regional customers.

In 2016 she was promoted to become VP for Power Digital for the MEA region responsible to deliver, develop and integrate software solutions for power utilities and smelting customers. Lana's responsibilities were to set up and lead the team that will deliver the expected outcome to GE customers focusing on generating value in terms of efficiency and reliability while at the same time driving productivity and efficiency in the deliver team delivery.

Lana moved to Canada in December 2017 as the Americas Delivery VP for Customer Success Org for GE digital serving all BUs and focusing on the implementation, customization and integration of various digital solutions to meet customer needs and drive outcome. In October 2018, she got promoted to lead the global services business for GE Power Digital.





Dr. Meera Al Kaabi

**Chair of the Cognitive Science Department,
UAE University, UAE**

Panelist

Meera Al Kaabi is an Assistant Professor, Chair of the Cognitive Science Department where they currently offer linguistics, psychology, philosophy and an upcoming program in speech language pathology at UAEU. She is also a visiting academic at New York University Abu Dhabi. She holds a BA degree (Hons) in English Language and Literature from UAEU, an MA (Hons) and a PhD (Hons) in linguistics from New York University, New York City, USA. Her research interests include neurolinguistics, psycholinguistics, language disorders, morphology, and Semitic languages.





Dr. Kimberly Gleason

**Associate Professor, Department of Finance,
American University of Sharjah, UAE**

Panelist

Dr. Gleason Is An Associate Professor In The Department Of Finance At AUS. Her Areas Of Interest For Research Are Related To Gender And Entrepreneurship, International Business And External Monitoring Of Capital Market Activity. She Has More Than 70 Peer Reviewed Publications In Journal Of Banking And Finance, Financial Management, Journal Of Empirical Finance, Journal Of Business Research, Financial Review, Journal Of Financial Research, Journal Of Brand Management, And Journal Of Auditing, Accounting, And Finance. She Is A Certified Fraud Examiner.





**Externally Funded Projects for
UoS Women in Research**



Prof. Manal A. Awad

**PhD in Dental Public Health,
McGill University, Canada**

Project Name

Oral health related quality of life among Type 2 diabetic patients in the UAE.

Grant Source

Al Jalila Foundation

Grant Amount 227,840 AED

Project Description

Among diabetic patients, assessment of Oral Health Related Quality of Life (OHRQoL) will provide valuable information on diabetic patients' well-being, as it relates to their oral conditions.

Methods: A matched case control study was conducted in which 88 diabetic and 88 non-diabetic participants were recruited from University Dental Hospital Sharjah and University Hospital Sharjah, UAE. Participants

self-completed a questionnaire pertaining to their sociodemographic details, as well, the Oral Health Impact Profile short form (OHIP-14), which measures seven domains: functional limitation, physical pain, psychological discomfort, physical disability, psychological disability, social disability, and handicap. Clinical examinations were also conducted to assess participants' dental caries status and periodontal condition.

Results: A significantly higher proportion of diabetic patients had periodontal disease compared to non-diabetic patients ($p < 0.05$). No significant differences were observed between the diabetics and the non-diabetic in oral health related quality of life. Irrespective of diabetic status, dental caries was significantly associated with physical disability, physical pain, psychological discomfort, and psychological disability.. Among non-diabetics, OHIP scores were significantly associated with dental caries in five domains. Findings of this study support an adverse effect of periodontal disease on diabetic patients' OHRQoL. However, among non-diabetic participants dental caries seems to affect OHRQoL. Initiatives tailored to improve quality of life of diabetic patients should take into account the importance of oral health.



Dental Medicine



Preventive & Restorative
Dentistry



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Prof. Sausan Al Kawas

**D.D.S, MSc. PhD MSc Leadership in Medical Education,
Royal College of Surgeons, UK. PhD, Dentistry, Oral
Biology, McGill University, Canada**

Project Name

The Effect of Dokha Smoking on Health in UAE Population

Grant Source

Al Jalila Foundation for Medical Research

Grant Amount

300,000 AED

Project Description

Dokha is a form of tobacco mixed with herbs and other substances, smoked out of a narrow pipe called midwakh. Despite the increasing prevalence, there is little information about the effects of dokha smoking on health. Dokha smoking could cause oral health pathology associated with increases in the health problems. This study aims to investigate the effects of dokha smoking on systemic and oral health in the UAE population.

The proposed study will provide new and vitally important information about the effects of dokha on systemic and oral health in UAE population. It will provide information about potential oral health pathology associated with increases in the risk for cardiovascular diseases (CVD), diabetes and obesity. The study will also provide an important and new information about the effects of dokha smoking on the healthy oral microbiome when compared to oral microbiome of dokha smokers and if dokha has any effect on DNA of smokers.



Dental Medicine



Department of Oral &
Craniofacial Health



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06- 507305



Dr. Hadia Radwan

**PhD in Nutrition,
Teesside University, UK**

Projects

- 1- Examining Breastfeeding Self-Efficacy, Infant Feeding Method, and Postnatal Mental Health among Women in the United Arab Emirates: A Cohort Study".
- 2- Impact of feeding patterns on adiposity and cardiometabolic markers in baby and mother: a prospective cohort study.
- 3- Early Age Health Literacy and Dietary Choices as Investment in Human Capital: An Experimental Study among UAE School Children.

Grants Source

- 1-Sheikh Hamdan Bin Rashid Al Maktoum Award for Medical Sciences
- 2- Al-Jalila Foundation
- 3- American University of Sharjah

Grants Amount

- 1 -147,000AED
- 2- 211,176 AED
- 3- 17,860 AED

Projects' Description

- 1- This is a pioneer six months cohort study in the Arab region investigating maternal mental health (postpartum depression and anxiety), breastfeeding self-efficacy and its relation to breastfeeding practices among women in the UAE. Participants were contacted at three timelines (at delivery, at three and six-months postpartum) from Sharjah, Dubai, Al Ain and Fujairah.
- 2- The maternal infant study cohort (MISC) is one of the first birth cohorts in the Arab region. It was a two-year prospective cohort study which recruited 256 Arab pregnant women in their third trimester from prenatal clinics in Dubai, Sharjah and Ajman.
- 3- This was a one year interventional study investigating the Healthy eating behavior among school students in Sharjah. Ten Educational healthy diet lessons on that included topics related to diet and exercise were delivered to the grade 4 or 5 school students and their knowledge was tested before and after the educational lessons.



Health Sciences



Clinical Nutrition and
Dietetics Dept.



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06- 5057549



Dr. Wegdan Bani Issa

MSN, PhD, Nursing Sciences
University of Kansas, USA

Projects

- 1- Health profile of adolescents in the United Arab Emirates
- 2- Cortisol and stress in women healthcare providers
- 3- Melatonin and sleep in working and non-working women
- 4- Older adults needs and barriers to healthcare utilization

Grants Source

- 1- Al Jalila Research Foundation
- 2- Health Promotion Research Group-University of Sharjah (adolescents' health profile)

Grants Amount

- 1- 283,000 AED
- 2- 500,000 AED

Projects' Description

1-This research project is the first in the UAE to estimate quality of sleep and stress in women combining both physiological and psychological measures. Over three years' period, we analyzed morning and bedtime salivary cortisol and melatonin in 1500 women and utilized psychological measures of stress and sleep. In one published study, we found that women on night shifts exhibited abnormal values for morning and bedtime cortisol and melatonin levels compared to their counterparts on day shifts.

2- 3- This project aimed to create a health profile for adolescents in private and public schools in the UAE. We collected data over two years' period from 1000 adolescents' health including socio-demographics, physical activities, dietary habits, dental screening and body fat analysis and anthropometric measurements.

4-This is a currently running project and aimed to assess the healthcare needs of older adults live in the UAE and assess barriers toward utilization of healthcare services. We collected data from community dwelling older adults (N = 120), both Emirati and expatriates and it is expected to finalize data collection in December 2020.

Results of the previous projects will be disseminated to the concerned community partners including Ministry of Health and Prevention, Ministry of Education and Ministry of community development.



Health Sciences



Nursing Department



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06 - 5057522



Dr. Bashair Mohammed Mussa

**Assistant Professor, PhD in Neurophysiology,
University of Melbourne, Australia**

Project Name

Investigating the role of FOS and BECLIN1-inducing autophagy in pathogenesis of hypoglycaemia-associated autonomic failure in diabetes.

Grant Source

AL Jalila Foundation

Grant Amount

291,000 AED

Project Description

This project aims to identify the role of FOS and BECLIN1 in the pathogenesis of HAAF and to profile the involvement of autophagic markers in HAAF.

Identification of novel biomarker for early detection of HAAF will help patients with diabetes to prevent hypoglycemic episodes, improving their quality of life and preserving their cognitive functions.



College of Medicine



Basic Medical Science



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97165057220

Project Name

Genetic and transcriptomic analysis of hyperlipidemia in Emirati patients with type 1 diabetes mellitus using saliva and blood samples

Grant Source

Sheikh Hamdan Bin Rashid Al Maktoum Award

Grant Amount

200,000 AED

Project Description

It is well documented that diabetes mellitus (DM), a common chronic disorder in the United Arab Emirates, is strongly associated with a wide range of complications including hyperlipidemia. The latter is a strong predictor of cardiovascular disease, a leading cause of morbidity and mortality in DM. The cause of hyperlipidemia in type1 DM is unknown however several risk factors were suggested including diet, environmental and genetic factors. Recent studies have questioned the role of diet and environment, as sole factors, in development of hyperlipidemia in type1 DM and highlighted the role of genetic factors.

The main objective of the project is to conduct a targeted genetic and transcriptomic analysis of hyperlipidemia in Emirati patients with type 1 DM and to evaluate the relationship between DNA mutations related to hyperlipidemia and glycemic control.



Dr. Maha M. Saber-Ayad

PhD (Pharmacology), MRCP(UK), FRCP (Edin.), MSc Leadership in Health Profession

Education, RCSI, MSc Endocrinology and Diabetes, Queen Mary, UK.

Project Name

Combined inhibition of Insulin Growth Factor 1 Receptors and Autophagy to Prevent Colorectal Cancer Metastasis:

A Novel Therapeutic Approach

Grant Source

MBRU-ALMAHMEED Collaborative Research Award

Grant Amount

300,000 AED

Project Description

There is a link between metabolic syndrome and colon cancer; likely due to high insulin levels. In our project, we are interested to study the relationship between insulin-like growth factor and autophagy, and the ability of the colon cancer cells to migrate (or metastasize). We will explore

those pathways to suggest new anti-cancer medications. We also aim at producing a mathematical model that integrate all the data to predict the behavior of the cancer cells. In addition, our study will shed a light on the safety of different anti-diabetic medications in patients with colon cancer.

Project Name

Galanin/Galanin Receptor signaling as a potential novel therapeutic target for Colorectal Cancer with mutant p53

Grant Source: Al-Jalila Foundation

Grant Amount: 293,000 AED

Project Description

Colorectal cancer is one of the common types of cancers worldwide. Surgery is the main line of treatment, but neoadjuvant and adjuvant chemotherapy are important to achieve good cure rate or at least prolong the disease free period and improves survival. Although 5-fluorouracil- and oxaliplatin-based therapy significantly improved the prognosis, both achieve a response rate of 40-50% and 5-year-survival is less than 5% in metastatic cases. Galanin receptor 1 is considered a tumour suppressor and targeting of which can add a potential antineoplastic agent to the management colorectal cancer.

Targeting galanin receptor 1 can add to partial restoration of p53 function.



College of Medicine



Clinical Sciences



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Dr. Samrein Ahmed

**PhD in Biochemistry,
University of Leicester, UK**

Project Name

Studying the phosphorylation status of ShcD in melanoma upon oxidative stress: An evidence for new therapeutic target in melanoma

Grant Source

AlJalila

Grant Amount

270,000AED

Project Description

The pigmented skin cancer, melanoma, prevalence is increasing progressively worldwide. ShcD is a newly identified protein was found to be upregulated in 50% of metastatic melanomas as well as it was proposed to have role in oxidative stress.

Studying the role of ShcD phosphorylation status upon oxidative stress and how it impacts melanoma cell survival and migration.

Understanding the role of ROS in melanoma pathogenesis and the mechanisms that alleviate oxidative stress can lead to the development of better anti-melanoma therapies. Therefore, investigating the molecular mechanism of how the melanoma associated adaptor, ShcD, mediates melanoma tumorigenesis emphasizes the potentiality of ShcD as therapeutic target in melanoma treatment.



College of Medicine



Basic Medical Sciences



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Dr. Rania Harati

PhD in Clinical and Experimental Pharmacology
University of Paris XI, Paris, France

Project Name

Restoring MicroRNA-101 and MicroRNA-26b Expression to Suppress Breast Cancer Brain Metastasis -Principal Investigator

Grant Source

The Terry Fox Foundation

Grant Amount

300,000AED

Project Description

Developing effective or preventive treatments for breast cancer brain metastasis (BCBM) is hampered by a lack of knowledge on the basic processes driving metastasis. A critical step in BM is the migration of circulating metastatic cells through the BBB. However, the genetic and epigenetic mechanisms by which cancer cells

acquire their transmigration properties allowing them to extravasate across the BBB are poorly understood. A better understanding of these mechanisms is needed to prompt the development of new therapies to prevent BM. Micro-RNAs, a class of small non-coding RNAs, have recently emerged as key regulators of tumorigenesis.



College of Pharmacy



Pharmacy Practice &
Pharmaco-therapeutics



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00971 6 505 7438



Dr. Manar Abu Talib

PhD in Computer Science & Software Engineering, Concordia University, Montreal, Canada

Name

IMPROVED BLOCKCHAIN INFRASTRUCTURE WITH IOT FOR CRITICAL/SMART GOVERNMENT APPLICATIONS

Grant Source

Dubai Electronic Security Center Research Award

Grant Amount

350,000 AED

Project Team

Qassim Nasir, Fadi Aloul, Ali Bou Nassif, Imran Zualkernan, Aleksander Essex, Ilham Qasse, Areej Saafin

Project Description

The main contribution of this research project is to introduce a blockchain-based architecture for IoT that delivers lightweight and decentralized security and privacy. The intent of the architecture is to retain the benefits

of blockchain while overcoming the aforementioned challenges in adopting blockchain into IoT.

Project Name: Advance Persistent Threat (APT) Critical Analysis & Implementation

Grant Source: Dubai Electricity and Water Authority (DEWA)

Grant Amount: 230,000 AED

Project Team: Qassim Nasir, Sohail Abbas, Ali Bou Nassif, Nafisa Ahmed, Bayan Mahfood

Project Description

The aim of this research is to do the critical analysis of Advance Persistent Threat (APT) and more specifically malicious beaconing behaviour by utilizing behavioural algorithmic scoring based on pattern baseline analysis and traffic anomaly observation. This research project will also focus on implementing collaborative self-adaptive artificial intelligence algorithm with statistical and prediction capabilities with the use of APT threat modeling that will be able to not only analyze and baseline but also to self-adapt on changes, learn, expect and predict evolution based on statistics, behavior and communication awareness by collaborating with other artificial intelligence services.



Computing & Informatics



Computer Science



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971529081891



**Uos Women's
Achievements in Research**



Dr. Andra Camelia Clitan

PhD in Visual Arts
University of Arts and Design,
Cluj Napoca, Romania

"The Prospect of Representative Fabrics"

Sharjah Islamic Art Festival

Government of Sharjah, Department of Culture.

Grant Value

AED 7,000

"Wool Journey"

From Fashion Design to Art Instalation"

Solo Exhibit and Seminar

The Administration of the National Cultural Fund, Ministry
of Culture, Romania.

Grant Value

EUR 17,000



Fine Arts & Design



Fashion Design



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06- 5057875





Dr. Dana Khalid Amro

PhD in Interior Design

University of Science Malaysia, Malaysia

Amro, D. & Ammar, S., Assessment of Habitants Thermal Comfort through Different Treatment of Flat Rooftops in Residential Buildings, Renewable Energy and Sustainable Buildings, "Green Buildings and Renewable Energy", Springer, pp. 595- 608, 2019.

Abstract

Among different types of roofs for residential buildings, flat roofs found to be the most common in the Middle East. Flat roofs are an ancient form mostly used in arid climates and allow the roof space to be used by habitants. However, leaving the rooftop of a high or low building without any treatment against weather fluctuation causes thermal discomfort of the habitants beneath. Rooftops without any other treatment are widely applied in residential building, although habitants strive to find a proper solution based on multiple criteria. This study investigated different

alternatives of treatments for flat rooftops in residential buildings against multiple criteria from the case study area of Amman in Jordan. DesignBuilder software for environmental analysis is employed to define the effective rooftop treatment according to the best thermal comfort. It is chosen as it has advantages over other software. This study uses the environmental simulation of five alternative rooftop types in hot arid climate. The five alternatives are rooftop with shed, green rooftop, rooftop with compact insulation, rooftop with tile, and rooftop without any treatment. The criteria used to show the interior spaces thermal comfort by assessment the thermal performance, heating load and cooling load in each alternative. Results show that green rooftop achieved the best thermal performance in the interior spaces for the total of heating and cooling loads, but unfortunately, the cost of construction and maintenance is too high. However, the second alternative was rooftop with compact insulation with less construction cost then, rooftop with tile. The rooftop with shed showed the highest thermal efficiency only in summer. The most common treatment in the area rooftops without any treatment is the lowest efficiency treatment concern the habitants' thermal comfort



Fine Arts & Design



Applied Design



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0503321946



Dr. Karima Al Shomely

PhD in Fine Arts
Kingston University, UK

The Art of Extended Shades, Research Project and Prototype, Islamic Art Festival, January 2020, 20,000 AED.

Artwork commissioned for Hatta Park, Dubai Culture & Arts Authority, December 2019, 15,000AED.

Artwork, invited for exhibit, Ithra Museum, Saudi Arabia, December 2019.

Artwork, invited for exhibit, Cultural Foundation, Abu Dhabi, 2019.

Community Service Award, University of Sharjah, April 2019.



Fine Arts and Design



Fine Arts



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00971606317273

The Emirati Burqa 'An Intimate Object' from a cultural, historical and contemporary art perspective, International Conferences ARICIS, Dubai, February 2019

Horizon Garden, Islamic Art Festival, Grant Islamic Art Festival, January 2019, 20,000AED.





Dr. Shaima Elbardawil

PhD in Visual Communication

Nottingham Trent University, United Kingdom

Competitive Research Grant

Legibility Study of Arabic Typefaces Used on Highway signs. University of Sharjah, 27,500AED

On-going, to be completed in 2020.

Conference Paper

Inter-semiotic Translation in Intercultural communication Design in DRS Learn x Design 2019: Insider Knowledge. Fifth International Conference for Design Education Researchers. Ankara, Turkey. 2019

Book Chapter

Jordanian Banknote Design: A social semiotic Analysis in Handbook of Visual Communication: Theory, Methods, and Media, Second Edition. Routledge. 2020

Artwork Grant

Wall of Wisdom. University of Sharjah, 15,000 AED. Government of Sharjah, Department of Culture, Directorate of Cultural Affairs, Sharjah Islamic Arts Festival. 2020





Dr. Iman Ibrahim

**PhD in Architectural Engineering,
Cairo University, Egypt**

- 1- Winning Prize for Sharjah Award for Excellence in Education on May 2019, Distinguished contribution of 1ST Place in the UAE for the University of Sharjah in UI GREEN METRIC World University Ranking 2019.
- 2 - The Art of Extended Shades, Research Project 20K AED Fund, Islamic Art Festival / January 2020
- 3- Women In Technology and Sharjah Research Technology and Innovation Park Research Project "PLASTIC Second Life" /February 2020
- 4- Sharjah Award for Excellence in Education "Sustainable Courtyards" Distinguished Project /May 2019
- 5- Zero Waste MASTERPIECES for Bee'ah HQ Funded Research Project / December 2019
- 6- The Third Arab Ministerial Forum on Housing & Urban Development Scientific Organization /October 2019



Fine Arts & Design



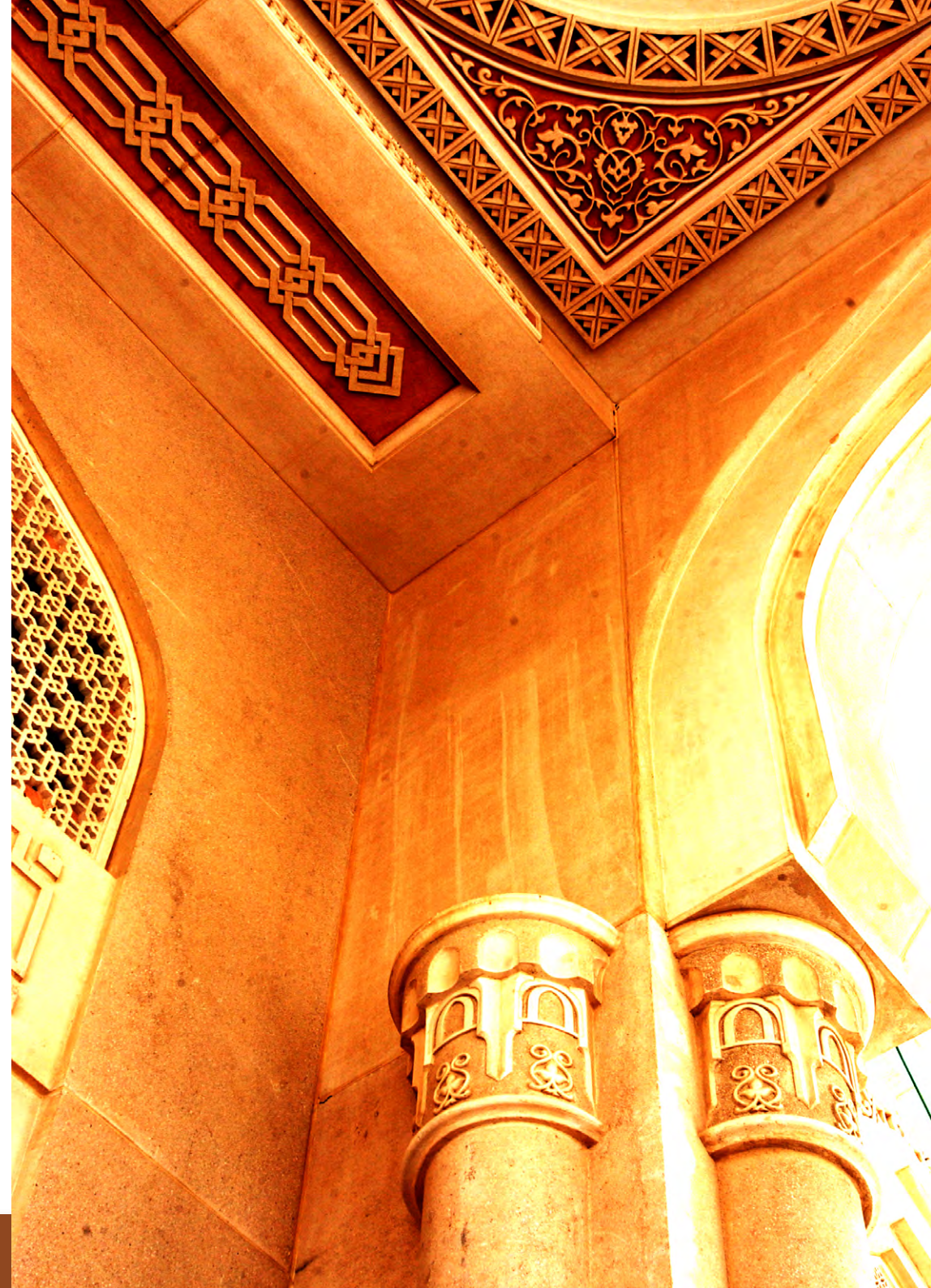
Applied Design



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Nada Abdallah

**MFA in Graphic Design & Visual Communication
Lebanese University, Beirut**

Book

From To, Typomotif Design, Self Published


Publication

Kufic Script, From Calligraphy to Typography,
Typoday, Amman

 Fine Arts & Design

 Applied Design

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Dr. Narjes Haj Salem

PhD in Marketing, HEC Montreal, Canada

“How self-conscious emotions influence recycling behavior? The role of anticipated guilt and pride” Journal of Consumer Marketing. Impact Factor: 2.51

Abstract

What drives people to recycle is one of the key concerns worldwide, and especially in the Middle East a region with one of the highest amounts of waste per capita while holding one of the lowest recycling rates. This study develops and tests an integrative model that incorporates anticipated guilt and pride alongside the theory of planned behavior's key explanatory factors to explain recycling behavior. Analysis of 286 responses collected from the general public in the United Arab Emirates over two time periods reveals that anticipated guilt, subjective norms, perceived effort, and recycling knowledge are the main

drivers of the intention, which in turn impacts positively the actual recycling behavior. Attitude and anticipated pride failed to predict the intention to recycle. Awareness of consequences triggered only anticipated pride, while the degree of concern affected both anticipated emotions, pride and guilt, significantly. One key implication of this research is that governments in the Middle East have not only to focus on cognitive factors but emotions also to persuade people recycling.



College of Business



Department of Management



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Dr. Ray Saadaoui Mallek

PhD in Finance FSEG, Tunisia

Competition and bank stability in the MENA region: The moderating effect of Islamic versus conventional banks, Emerging Markets Review, Impact Factor: 2.108

Abstract

This paper investigates the impact of competition on bank stability using data from 276 banks across eighteen MENA countries between 2006–2015. We controlled for financial inclusion, productivity, and macroeconomic instability in addition to several different control variables, including bank size, efficiency, diversification and leverage. The two-step system GMM suggested that banks facing little competition tended to take less insolvency and credit risks and enjoy more profitability. Furthermore, we found

that the competition-fragility effect is more prominent for Islamic banks than conventional ones in MENA countries. This study contains some significant policy implications for regulators looking to improve bank stability.



College of Business



Department of Finance & Economics



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Dr. Samina Quratulain

**PhD in Management,
Aix-Marseille University, France**

Effect of Self-Efficacy and Instrumentality Beliefs on Training Implementation Behaviors: Testing the Moderating Effect of Organizational Climate, Review of Public Personnel Administration, Impact Factor: 2.825

Abstract

This study examines the individual and work-related factors that can affect the transfer of training processes. Specifically, our study focuses on organizational, individual, and training-related factors that can affect learning transfer in public service organizations. Based on a survey of public sector employees, our findings indicate that instrumentality/utility and self-efficacy beliefs are significant predictors of training implementation behaviors. Furthermore, organizational flexibility and feedback dimensions of organizational climate interact with trainees' cognitions (instrumentality and self-efficacy)

and positively affect training implementation behaviors. Our findings provide important insights that pave the way to extend our current understanding of training transfer processes in public organizations. This study adds to the literature by unpacking instrumentality—an understudied but key element of Vroom's valence-instrumentality-expectancy framework—as an important predictor of training implementation behaviors among public sector employees.



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Dr. LEILA CHEIKH ISMAIL

PhD in Nutrition

Oxford Brookes University

Leila holds a PhD in Nutrition and is a registered nutritionist with the UK Association for Nutrition. She has more than 15 years of experience in international nutrition and she is an Assistant Professor of Nutrition at the University of Sharjah. She is leading the INTERGROWTH-21st Project at Oxford University since 2008. She has worked as a Nutrition Scientist at the IAEA in Vienna. She also previously worked as a

Nutrition Technical Officer at WHO and assisted the adoption of the WHO MGRS new growth standards. Her interests also include the global strategy on infant and young child feeding.


Leila has conducted many training workshops focusing on the new WHO MGRS growth standards, nutrition and infant feeding. She is Associate Editor of the International Journal of Food, Nutrition and Public Health. Her current research

interests are human growth across populations, maternal and child health, nutrition throughout life, anthropometry, and obesity and dietary assessment.

- Leila Cheikh Ismail, Mona Hashim , Amjad H. Jarrar , Maysm N. Mohamad , Sheima T. Saleh , Nada Jawish , Mayssaa Bekdache , Hiba Albaghli , Dyana Kdsi , Dina Aldarweesh and Ayesha S. Al Dhaheri. Knowledge, Attitude, and Practice on Salt and Assessment of Dietary Salt and Fat Intake among University of Sharjah Students. *Nutrients*, 2019.
- Villar, José, Michelle Fernandes, Manorama Purwar, Eleonora Staines-Urias, Paola Di Nicola, Leila Cheikh Ismail, Roseline Ochieng et al. «Neurodevelopmental milestones and associated behaviours are similar among healthy children across diverse geographical locations.» *Nature communications* 10, no. 1 (2019): 511.



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Dr. Lori Walton

**PhD, DPT, MScPT, MPH(s), CLT-LANA PhD
in Neurologic Physical Therapy, Creighton
University/Johns Hopkins University, USA**


Walton LM, Raigangar V, Abraham S, Hernandez M, Krivak G, Buddy C, Caceras R, (2019). The effect of an 8-week nutrition and exercise program on pelvic pain (PFDI), incontinence (IIQ-7), health related quality of life (SF-36), breastfeeding patterns and nutritional intake for prenatal and postpartum women: A bilingual study in Spanish and English. Physiotherapy Research International. (Scopus Quartile 1 Journal)

Walton L (2019). The Effects of Bias Based Bullying on health, education, and cognitive-social-emotional outcomes in children with minority backgrounds: Comprehensive Public Health Intervention Solutions. Journal of Immigrant and Minority Health. Apr;20(2):492496-. doi: 10.1007/s109030547--017-y.

(Scopus Quartile 2 Journal)

(Top Congress, in Physiotherapy, #1 Globally):

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 Physiotherapy

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 06 - 5057525

Walton LM (2019), Raigangar, V., Schbley, B, Zaaed, N (2019). Invited Chair and Speaker for World Congress Physiotherapy WCPT 2019, "Focused Symposium" on Toxic Stress, Trauma and Pain Management in Vulnerable Populations (competitive symposium), Geneva, Switzerland.

Walton LM, Raigangar, V, Kalsoom Naqashband N, Moustafa I, Gadgieva N, Wangde, Qasim K, Basem Mahmoud Najjar O, Fady Mahfouz B (2020). Does Core Stability Predict Low Back, Sacro-Iliac and Pelvic Ring Dysfunction in Long Distance Runners? Combined Sections Meeting, Denver, Colorado.

Walton LM, Abdulkarim M, AlAtrash A, Al Khaled S, Bitar D, Ebrahim M, Emad N (2018). Physical Activity Levels During Pregnancy and Prediction of Maternal Stress and Maternal Health Related Outcomes in Women Living in UAE. Accepted for Combined Sections Meeting (CSM), American Physical Therapy Association (APTA), (AWARD for BEST Platform "Noteworthy Research" Presentation), Washington DC, 2019.



Dr. Lucy Semerjian

Ph.D. in Environmental Sciences School of Archeological, Geographical and Environmental Sciences University of Bradford, UK

During 2019 – 2020, I had been engaged in several research studies and secured grant towards my research related to “Heavy metals and microbiological burdens of road-deposited dusts in Sharjah, United Arab Emirates: Multivariate analysis and health risk assessment” (URB, Project No. 1901050643). I had also been engaged as a co-investigator in other external grant applications and awards related to emerging contaminants, environmental pollution control, and worker wellness.

I was keen to form and be part of interdisciplinary research teams as well as include undergraduate students, especially females, in on-going research. Such research studies have resulted in publications in internationally reputable and highly ranked journals in the subject area of Environmental Sciences as well as were presented at Scopus ranked international conference as follows:

1. Lucy Semerjian, Hadya Alrajaby, Nimra Naaz, Rim Kasfah, Entesar Z. Dalah, Eithar Waheed, Amal Nabulssi, Walid A. Metwally, “Age-dependent effective ingestion dose estimations and lifetime risk assessment for selected radionuclides (40K and 3H) in bottled waters marketed in United Arab Emirates”, Chemosphere 249, 2020. doi.org/10.1016/j.chemosphere. 2020.126114 (IF=5.11; SJR H-index=212)
2. Semerjian, Lucy, Obaid, Hanan, and Zarouni, Huda, “Stored Water Quality in Household Roof Tanks of Villas in Selected Areas of Sharjah, United Arab Emirates”, Wessex Institute of Technology Transactions on Ecology and the Environment, vol. 239, 2019 (Scopus ranked, 5th International Conference on Water and Society by Wessex Institute of Technology, UK)
3. M. Semreen, A. Shanableh, L. Semerjian , H. Alniss, M. Mousa, X. Bai, and K. Acharya, “Simultaneous Determination of Pharmaceuticals by Solid-Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry: a case study from Sharjah Sewage Treatment Plant”, Molecules, 24, 633, 2019, doi:10.3390/molecules240306332019 (IF=3.06; H-index=116)



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Dr. Fatma A. Hegazy

**Ph.D. in Physical Therapy,
Cairo University, Egypt**

Current Research Grants

- The Role of an Innovative 3D Cervicothoracic Orthosis in the Management of Adolescent Idiopathic Scoliosis. A Randomized controlled trial. 2019.
- Multidisciplinary Approaches for the Prevention of Fall Incidents in the Community-Dwelling Elderly People of the United Arab Emirates. 2020.
- Effect of Physical Activity Promotion Using Culturally Adapted-compendium of Activities on Cardiometabolic Risk Factors in Sedentary Arab Population. 2020.

Selected Publications

- Validity and diagnostic accuracy of foot posture Index-6 using radiographic findings as the gold standard to determine paediatric flexible flatfoot between ages of 6-18 years. Musculoskeletal Science and Practice, Vol.46, 2020.

- Does improvement towards a normal cervical sagittal configuration aid in the management of cervical myofascial pain syndrome: a 1-year randomized controlled trial. BMC musculoskeletal disorders 19 (1), 396, 2019.
- Validation of Normalized Truncated Navicular Height as a clinical assessment measure of static foot posture to determine flatfoot in Children and Adolescents: A cross sectional study. The Foot, 37, pp. 852018 90-.
- Kinematic characteristics of reaching in children with hemiplegic cerebral palsy: a comparative study. Brain injury, 2017, 31(1), 83 - 89 .
- Effect of lidocaine iontophoresis combined with physical therapy intervention on gait and spasticity in children with spastic hemiplegic cerebral palsy. Nominated by the American Academy for Cerebral Palsy for Gayle G. Arnold Award in its 67th Annual Meeting, Milwaukee, WI, USA.



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Sondos Harfil

PhD student- terminal year, Biomedicine program, University Sains Malaysia.

M.Sc. Biology, University of Jordan; Post Graduate Diploma and BSc. Biology, Yarmouk University, Jordan

- Research grant awarded by Shaikh Hamdan bin Rashid Award for Medical Sciences. Research title:

The Effect of Probiotics on Obesity, Metabolic Endotoxemia and Inflammation.

- Research grant awarded by TANITA Healthy Weight Community Trust, Japan. Research title:

Modulatory Effects of Lactobacillus on Obesity and Inflammation.

- Presenter: Nutrition and Health Symposium. Title:

Gut Microbiota and Health: Principles and Practice.



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- Presenter: Emirates Diabetes and Endocrine Congress.

Title :

Circulating lipopolysaccharide-binding Protein (LBP) as a Marker of Inflammation and Metabolic Syndrome Related to Insulin Resistance.





Dr. Wegdan Bani Issa

PhD in Nursing Sciences
University of Kansas, USA

- Al Jalila Research Grant: Stress and Women, Al Jalila Research Foundation Grant (283,00 AED)
- HealthPromotionResearchGroup (PrincipleInvestigator and Research Group Coordinator, Sharjah Institute for Medical Research, UoS, (540,000 AED)
- Bani issa, W., Radwan, H., Farah Al Marzooq, Shamsa Al Awar, Arwa M Al-Shujairi, Ab Rani Samsudin, Wafa Khasawneh, Najla Albluwi. (2020). Salivary cortisol, subjective stress and quality of sleep among female healthcare professionals. Journal of multidisciplinary healthcare 13, 125- 140
- Bani-Issa, W., Dennis, C. L., Brown, H. K., Ibrahim, A., Almomani, F. M., Walton, L. M., & Al-Shujairi, A. M. (2019). The Influence of Parents and Schools on Adolescents' Perceived Diet and Exercise Self-Efficacy: A School-

Based Sample From the United Arab Emirates. Journal of Transcultural Nursing,

- Bani-issa, W., Al Tamimi, M., Fakhry, R., & Al Tawil, H. (2019). Experiences of nursing students and examiners with the Objective Structured Clinical Examination method in physical assessment education: A mixed methods study. Nurse Education in Practice.
- Bani issa, W., Al Shujairi, A., Patrick, L. (2018) "Association between quality of sleep and health-related quality of life in persons with Diabetes Mellitus Type 2.» Journal of Clinical Nursing.
- Research Award: Sharjah Islamic Bank Award for best faculty research, 2018
- Research Award: Best research poster award for cortisol and women's health research. Presented at 3rd annual nursing and midwifery conference, 2018



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Dr. Wiam Elshami

PhD in Medical Radiology, SUST& MSc in Medical and Health Professions Education, Royal College of Surgeons Ireland (RCSI), Ireland

Participation in the European Congress of Radiology, Vienna, Austria (ECR 2020) with six abstracts:

1. Acceptable quality dose (AQD) for common CT examinations: a UAE multicenter study, W. Elshami, M. Abuzaid, D. Joseph, I. Elhag, M. Musallam
2. Effective Dose to Gonad, Breast and Eye-lens from Scatter Radiation During Cerv-ical Spine Radiography, W. Elshami, M. Abuzaid, S. Khaled, M. Altir, R. kamch
3. Assessment of the willingness of mammographers in mammography to accept new responsibilities in role extension in UAE, M. Abuzaid, W. Elshami, B. Al Matar, M. Almorohen, N. Talaq, S. Khaled, S. Anwar, W. Hamad
4. Opportunistic screening for osteoporosis using computed tomography among menopausal women in comparison with dual energy X-ray absorptiometry measurements M. Abuzaid, W. Elshami, F. Akl, H. Hashami



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5. A radiographers' preceptorship: educational needs in the United Arab Emirates, M. Abuzaid, W. Elshami, S. Hamid, M. Musallam
6. Correlation between radiation induced cancer and the accumulative dose for the patient underwent multiple brain CT scan, M. Abuzaid, W. Elshami, B. Bukamal, L. Alawnih, W. Sabeel, Z.Noorajan

Research Articles

- Elshami, W., Abuzaid, M., Rajab, O., Almajed, N., Alnuwaiser, O., Alghareeb, A., & Alhomoud, B. (2020). A snapshot of occupational radiation dose in veterinary radiology. *Radiation Physics and Chemistry*, 168, 108581.
- Abuzaid, M., Elshami, W., Noorajan, Z., Khayal, S., & Sulieman, A. (2020). Assessment of the professional practice knowledge of computed tomography preceptors. *European Journal of Radiology Open*, 7, 100216.
- Elshami, W., Abuzaid, M., Piersson, A., Mira, O., AHamid, M., Zheng, X., & Kawooya, M. (2020). Occupational dose and radiation protection practice in UAE: a retrospective cross-sectional cohort study (2002–2016). *Radiation protection dosimetry*.
- Abuzaid, M. M., Elshami, W., Shawki, M., & Salama, D. (2019). Assessment of compliance to radiation safety and protection at the radiology department. *International Journal of Radiation Research*, 17(3), 439446–.



Dr. Mahreen Arooj

PhD in Computational Chemistry
Gyeongsang National University, South Korea

1- «Secondary Structural Changes in Proteins as a Result of Electroadsorption at Aqueous–Organogel Interfaces.» *Langmuir* 35.17 (2019).

Impact Factor: 3.683

2-«Green and cytocompatible carboxyl modified gold-lysozyme nanoantibacterial for combating multidrug-resistant superbugs.» *Biomaterials Science* (2019).

Impact Factor: 5.831

3- «Inhibition of amyloid fibrillation, enzymatic degradation and cytotoxicity of insulin at carboxyl tailored gold-aryl nanoparticles surface.» *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2020).

Impact Factor: 3.131

4- «Synthesis of new arylsulfonylspiroimidazolidine-2, 4-diones and study of their effect on stimulation of insulin release from MIN6 cell line, inhibition of human aldose reductase, sorbitol accumulations in various tissues and oxidative stress.» *European Journal of Medicinal Chemistry*

Impact Factor: 4.816

5- «Facile protic hydration of acetonitrile to protonated acetamide at oxygen mediated by chloroauric acid: insights from experimental and calculations.» *Research on Chemical Intermediates*

Impact Factor: 2.064

6- «Characterization of Protein-Facilitated Ion-Transfer Mechanism at a Polarized Aqueous/Organic Interface.» *The Journal of Physical Chemistry B*

Impact Factor: 2.923



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Chemistry Department



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Fatima M. Abla

**Master Student in Chemistry
University of Sharjah, UAE**

Ihsan Shehadi, Fatima Abla, Bryan Wakefield, Joseph Reibenspies, Mahreen Arooj & Ahmed A. Mohamed

Facile protic hydration of acetonitrile to protonated acetamide at oxygen mediated by chloroauric acid: insights from experimental and calculations

Journal: Research on Chemical Intermediates, 2020.

IF: 2.064.



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Islam AlTayeb Alahmady

MSc Clinical Microbiology

Sudan University of Science and Technology

1. First co-author: Green and cytocompatible carboxyl modified gold-lysozyme nanoantibacterial for combating multidrug-resistant superbugs.

Journal: Royal Society of Chemistry, Biomaterials Science, 2019, selected for journal cover.

IF: 5.831.

Authors: Islam M. Ahmady, Mehavesh K. Hameed, Ahmed M. Almehdi, Mahreen Arooj, Bizuneh Workie, Endalkachew Demessie, Changseok Han and Ahmed A. Mohamed*

2. On demand release of ionic silver from gold-silver alloy nanoparticles: fundamental antibacterial mechanisms study.

Journal: Materials Today Chemistry, Elsevier, 2020.

IF: 3.72.

Authors: Seema Panicker, Islam M. Ahmady, Changseok Han, M. Chehimi, Ahmed A. Mohamed*

3. Inhibition of amyloid fibrillation, enzymatic degradation and cytotoxicity of insulin at carboxyl tailored gold-aryl nanoparticles surface.

Journal: Colloids and Surfaces A: Physicochemical and Engineering Aspects. Elsevier, 2020.

IF: 3.09.

Authors: Nemat D. AlBab, M.K. Hameed, A. Maresova, Islam M. Ahmady, Mahreen Arooj, Changseok Han, B. Workie, M Chehimi, Ahmed A. Mohamed



College of Sciences



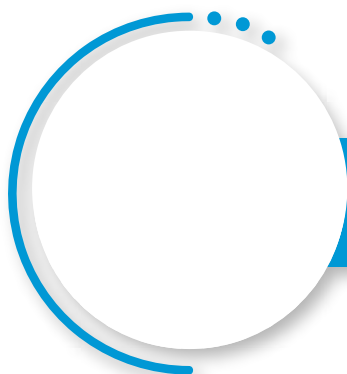
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Muna Abdalla Ali Alhammadi

B. SC. Biotechnology

University of Sharjah, UAE

Master research project grant, University of Sharjah, 5000 AED

Book Chapter

Biochemical and Molecular Markers: Unraveling Their Potential Role in Screening Germplasm for Thermotolerance. The chapter explains the different markers used in plant thermotolerance mechanisms, and the plant metabolites and antioxidant enzymes under heat stress, Wiley, 2019

Journal Publication

Exogenous production of silver nanoparticles by *Tephrosia apollinea* living plants under drought stress and their antimicrobial activities, *Nanomaterials*, impact factor: 4.034, (year 2019)

Research Award

Sharjah Islamic Bank Award for the distinguished scientific research, 2018



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Nida Siddiqui

**Masters in Mathematics
Lucknow University, India**

Abstract

If we consider to be a connected graph, with and, then has been defined as the distance between a vertex and an edge.

The cardinality of the smallest subset which can assign a unique distance vector to every edge of is referred to as edge metric dimension (EMD) given by. A multi wheel graph is composed of cycles along with a central vertex such that is adjacent to each of the vertices of and the corresponding vertices of the two consecutive cycles and are also adjacent for all. This article discusses the EMD of the double wheel graph and extends the results to the general multi wheel graph.

Keywords: Edge metric dimension, double wheel graph, multi wheel graph, edge metric generator

Subclass (2010): 05C12; 05C76; 05C90



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Prof. Tevhide Serra Gorpe

**APR, PhD in Public Relations and Advertising
Istanbul University, Turkey**

Book Chapter

"Corporate Social Responsibility in the United Arab Emirates: Principles and Communication Strategy." (2020). In Sustainable Development and Social Responsibility. Volume 2. Springer Nature.

Description

This study aims to identify the factors and principles upon which social responsibility has been established in the UAE. The conceptual work also discusses the communication strategy adopted by the organizations in the UAE to introduce programs and plans for sustainability and CSR. (co-authored)

Journal and Conference Papers

"Halkla İlişkiler mi Kurumsal İletişim mi? Akademiden Uygulamaya Kavram Tartışmaları." (2019) Turkish Review of Communication Studies 33 pp. 123- <https://dergipark.org.tr/tr/download/article-file/748618>

(co-authored, on conceptualization of public relations and corporate communication)

"Akredite Olmak mı, Olmamak mı? Gazetecilik ve Kitle İletişim Programlarında Akreditasyonda Fırsatlar ve Zorluklar." (2528- April 2018). 16th International Communication Symposium- Communication in the Millennium, A Dialogue Between Turkish and American Communication Scholars. Anadolu University, Eskisehir, Turkey. pp: 380393- ISBN: 9787-5-83703-605- (co-authored, on opportunities and challenges in Accreditation of journalism and mass communication programs)

"A Case Study of Developing Leadership and Creativity Skills in Higher (He) Education Students (2018) e-Review of Tourism Research 15(45-) pp. 282313- <https://journals.tdl.org/ertr/index.php/ertr/article/view/229> (co-authored)



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Dr. Thouraya Snoussi


PhD in Communication
Stendhal University, France

Dr. Snoussi is an associate professor in the college of communication (UOS). She served as H.O.D. in public relations department, then as Acting Dean of the College of Mass Communication in Al Ghurair University. She has a great career in print and broadcasting Journalism both in Tunisia and Canada. She published 5 books and more than 40 research papers in ranked refereed journals in Arabic, French and English languages. Her field of interest is the new technologies of information and communication and their impact on society. She got awarded as Leader in Humanities and social sciences in Chennai, Jan. 018. She got «Woman in Leadership award» in Singapore, Aug. 018 and “Best faculty award” in Noida, Jun. 2019.

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Books

- ثريا السنوسي (2019) «الإعلام الرقمي وشبكات التواصل الاجتماعي»، الآفاق المشرقة ناشرون، دولة الإمارات العربية المتحدة، الطبعة الأولى، فبراير
- ثريا السنوسي وسامية هاشم (2020) «العلاقات العامة والإعلام الجديد»، الآفاق المشرقة ناشرون، دولة الإمارات العربية المتحدة، الطبعة الأولى، يناير.

Publication

Al Janaby. A., Snoussi, T. and Aljanaby, M., “Corporate websites and public relations”, International Journal of Advanced Trends in Computer Science and Engineering, Volume 8, No.5, September – October 2019, Scopus Publication. ISSN 22783091-, (Q2- Cite Score Tracker 2019: 5.67).

Research Award

Best Faculty Award, International Academic and Research Excellence Awards (IARE), Noida, U. P, India. June, 08th, 2019



Dr. Bashria A. A. Yousef

**PhD. in Mechanical Engineering
University Putra Malaysia**

Scopus Indexed Journal Papers:

1. A. Inayat, H.H. Ang, M. Raza, B.A.A. Yousef, C. Ghenai, M. Ayoub, S.I.U.H. Gilani, Integration and simulation of solar energy with hot flue gas system for the district cooling application, Case Studies in Thermal Engineering (2020). doi: <https://doi.org/10.1016/j.csite.2020.100620>.
2. Ahmed Amine Hachicha, Bashria A.A. Yousef, Zafar Said, Ivette Rodríguez, (2019). A review study on the modeling of high-temperature solar thermal collector systems. Renewable and Sustainable Energy Reviews 112, P. 280–298.

3. Zafar Saida, M. El Haj Assada, Ahmed Amine Hachicha, Evangelos Bellos, Mohammad Ali Abdelkareem, Duha Zeyad Alazaizeh, Bashria A.A. Yousef, (2019). Enhancing the performance of automotive radiators using nanofluids. Renewable and Sustainable Energy Reviews 112, 183–194.
4. Ehab Bani-Hani, Mamdouh El HajAssad, Mohammad Tawalbeh, Bashira Yousef & Ahmad Sedaghat, (2019). Enhancing Cooling System of a Combustion Engine by Integrating with a Stirling Cycle. Energy Engineering, 116:3, P. 41 – 53.

Projects:

1. Demand Response and Renewable Energy integration in Institutional Buildings: A Case Study of a University of Sharjah Campus-UAE (Duration: 2019 – Present / 80,000AED Funding by University of Sharjah).



College of Engineering



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Sustainable & Renewable
Energy Engineering



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Dr. Reyhan Sabri

PhD in Architecture

University of Manchester, UK

Book (monograph)

- The Imperial Politics of Architectural Conservation: The Case of Waqf in Cyprus
- Published by Palgrave Macmillan (Springer), in Heritage Studies in the Muslim World series.
- Hardcover ISBN 978 – 3 – 030 – 18231 – 1; eBook ISBN 978 – 3 – 030 – 18232 – 8 DOI 10.1007 / 978 -3 -030 – 18232 – 8

Taking the Ottoman Waqf institution in Cyprus as an empirical site, this book documents the changing role of the Islamic Waqf institution and the conservation of Waqf heritage buildings. Previously ignored archives of documents detailing the conservation of Waqf buildings during Ottoman and British imperial rules allow a fine-grained analysis of the colonial introduction of Western approaches to heritage conservation. The book casts new light on how the imperial interventions finally led to the erosion of Waqf's sustainable forms of building conservation.



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Scopus Indexed Journal Papers

Sabri, R., and Olagoke, O.A. (2019) "Rethinking the Conservation of Afro-Brazilian Mosque Legacy," *Journal of Architectural Conservation*, 25 (1- 2): 49 – 71

Sabri, R., and Olagoke, O.A. (2019) "Predicaments in the Management of Religious Heritage Buildings and Sites in Nigeria," *Conservation and Management of Archaeological Sites*, 21(1): 45 – 65

Sabri, R. (2019) "Greek Nationalism, Architectural Narratives, and A Gymnasium That Wasn't," *International Journal of Heritage Studies*, 25 (2): 178 – 197





Ola Khalid AlZawati

PhD Candidate in Engineering Management, University of Sharjah, UAE and Corporate Excellence Expert at Dubai Municipality

- Won the 2020 IEOM Distinguished Woman in Industry and Academia Award in recognition and appreciation of my outstanding achievement and contribution to industrial engineering and operations management profession, the IEOM Society International.
- A holder of American Society for Quality Award ASQ-Senior level award for the middle east and the region.
- A holder of the best leader Award from King Abdullah II of Jordan.
- Currently a PhD. candidate in Engineering and Engineering Management at the University of Sharjah in business excellence, expected to graduate in Spring 2020.

- Published three publications in 2019 - 2020

- Two in International Journal of System Assurance Engineering and Management, Feb. 2020.
- ICIEA 2020 (2020 IEEE 7th International Conference on Industrial Engineering and Applications), April 2020.
- A panel chair of Women in Industry and Academia (WIIA) in Industrial Engineering and Operation Management Society IEOM international conference, Dubai, March 2020.
- A corporate excellence expert at Dubai Municipality, UAE since 2014.
- Has a 25 years of practical experience and different publications in public sector management reforms, including strategy development and execution, services and process improvements; performance management, audits and evaluations; governance, sustainability and accountability; public sector compliance including accreditation, certification and inspection; policies and procedures manuals, auditing and quality improvements, project management; innovation assessment, quality awards assessment and management.



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Rawan Zannerni

Sustainable and Renewable Energy Engineer
Sharjah Research Academy, University of Sharjah, UAE

Research Assistant at Sharjah Research Academy (Government of Sharjah) in the field of biomass energy system – Bio-Diesel and Biogas production.

- Assisting in the SREE laboratories and equipment's management and make sure to implement safety rules. 2. Running experiments needed for the research and collecting data using (FTIR, TGA, ICP -MS, and GC - MS). 3. Analyzing the data and writing scientific papers. 4. Performing extensive literature reviews and comparing different studies in different research areas. 5. Simulating different engineering systems.
- Research Assistant at American University of Sharjah in the field of PV cells (self-cleaning) using UV6051 Calorimeter, Jenway.

- Part time Research Assistant in the Advanced Material Laboratory at Sharjah University in the field of energy storage devices (Nano- materials).

Publications

- 1) Frequency- dependent effective capacitance of supercapacitors using electrospun cobalt-carbon composite nanofibers. Journal of The Electrochemical Society.

- Authors: Mohammad A.Abdelkareem, Anis Allagui, Zafar Said, Ahmed S. Elwakil, Rawan Zannerni, Waqas Hassan Tanveer, Khaled Elsaid.
- 2) Modulating the energy storage of supercapacitors by mixing close-to-ideal and far-from-ideal capacitive carbon nanofibers. Electrochimica Acta.

- Authors: Zafar Said ab Anis Allagui ab Mohammad Ali Abdelkareem abe Ahmed S.Elwakil cfg Hussain Alawadhi db Rawan Zannerni a Khaled Elsaide.



College of Engineering



Renewable Energy



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Mona Ibrahim Albawab

**BSc in Sustainable and Renewable Energy
Engineering, University of Sharjah, Sharjah, UAE**

In 2019 – 2020 I gained excellent experience in the research field in the area of Renewable Energy and Sustainable Development. I strongly developed my skills in the experimental work, engineering simulation, data analysis and writing scientific articles as well as complete scientific publications.

Mainly, I'm proud to achieve the following in 20192020-, however, I'm looking for more achievements in one year in the next coming years:


1. Journal Paper

"Sustainability indicators for renewable energy systems using multicriteria decision-making model and extended SWARA/ARAS hybrid method". Renewable Energy, IF: 5.4.

 Research Institute for
Science and Engineering

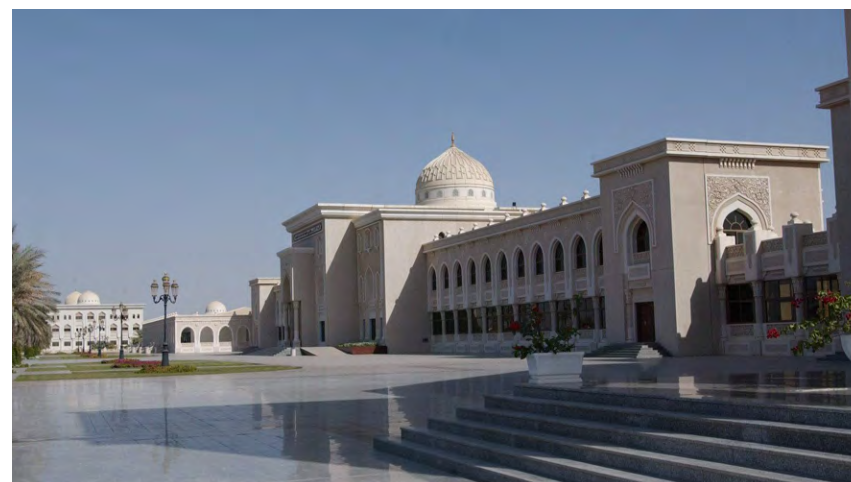
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 Energy Development
Research Group

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2. Conference Papers

1. "Development of Sustainability Indicators for Renewable Energy Systems A Comprehensive Review" / 12th International Conference on Sustainable Energy & Environmental Protection. SEEP 2019.
2. "Parametric study of geothermal parallel flow double-effect water-LiBr absorption chiller" / Advances in Science and Engineering Technology. Dubai – UAE, 2019.
3. "Thermodynamic analysis of geothermal series flow double-effect water/LiBr absorption chiller" / Advances in Science and Engineering Technology. Dubai – UAE, 2019.





DR. Samar Mouakket

PhD in Systems Analysis
University of Sheffield, U K

Grant Name

Drivers and outcomes of green information technology adoption: An empirical study in the UAE context

Grant Provider

University of Sharjah

Grant Value

43000 Dirhams

1. Investigating the Impact of Personality Traits of Social Network Sites Users on Information Disclosure in China: the Moderating Role of Gender, Information Systems Frontiers.

Impact Factor: 2.539

2. Examining Factors that Influence Information Disclosure on Social Network Sites from the Perspective of Network Externalities, Industrial Management & Data Systems.


Impact Factor: 3.727

Information Self-disclosure on Mobile Instant Messaging Applications: Uses and Gratifications Perspective, Journal of Enterprise Information Management.


Impact Factor: 2.126



 College of Computing & Informatics

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 Information Systems

 065053539



Areej Alsaafin

MSc in Computer Science

University of Sharjah, UAE

Areej Alsaafin received her master's degree (with honor) in computer science (2018) and bachelor's degree in computer engineering (2015), both from the University of Sharjah, UAE. She is currently a Research Assistant in OpenUAE Research and Development Group at the University of Sharjah, UAE. Areej is a Mentoring Coordinator in ArabWIC UAE chapter, IEEE member, and an organizer in Google Developer Group Sharjah chapter. Her recent research publications are:

- Alsaafin, A., Qasse, IA, Abu Talib, M., Nasir, Q., Lightweight Blockchain-Based System for Internet of Things Security, IEEE SoutheastCon, IEEE, USA, 2020.

- Hamoudi, RA, Battayeb, M., Alsaafin, A., Hachim, M., Nasir, Q., Nassif, AB., Identifying Patterns of Breast Cancer Genetic Signature using Unsupervised Machine Learning, International Conference on Imaging Systems and Techniques, IEEE, UAE, 2019.
- Talib, M. A., Alsaafin, A., & Medjden, S. M. (2020). Application of Quality in Use Model to Evaluate the User Experience of Online Banking Software. Journal of Cases on Information Technology (JCIT), 22(2), 3451-.
- Alsaafin, A., Khedr, A., Al Aghbari, Z., Distributed Trajectory Design for Data Gathering Using Mobile Sink in Wireless Sensor Networks. AEU-International Journal of Electronics and Communications, Elsevier, 2018.
- Alsaafin, A., Al Aghbari, Z., Khedr, A., Heterogeneous-Aware Distributed Clustering for Wireless Sensor Networks. Electro/Information Technology (EIT), IEEE, USA, 2018.



College of Computing
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Department of
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areej.aaafin@gmail.com






Nafisa Ahmed

**Master in Computer Science
University of Sharjah, UAE**

Nafisa Ahmed is the director of the Unmanned Aerial Systems Center and a research assistant in OpenUAE Research and Development group. She has interests in UAVs, security and artificial intelligence. She is a member in ArabWIC UAE chapter and an event organizer in Google Developer Group Sharjah branch.


Publications

- 1- Exploratory Study on Estimating the Cost of an Open Source Platform for an Astronomy Center. In Proceedings of the ArabWIC 6th Annual International Conference Research Track ACM.
- 2- Program-flow attestation of IoT systems software. In 2018 15th Learning and Technology Conference (L&T) IEEE.

 College of Computing & Informatics

 Department of Computer Science

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 0557439800

Ongoing Research Projects

- 1- Detection & prediction of Advanced Persistent Threats (APT).
- 2- Drones Forensics.
- 3- Design and implement Control A/C using Open Source Web-based API





Ilham Ahmed Qasse

Master's in Computer Science
University of Sharjah , UAE

Ilham Ahmed Qasse received her master's degree (with honour) in computer science from the University of Sharjah, UAE in June 2019. Currently, she is a research assistant in OpenUAE Research and Development group. Her interests are in Blockchain technology, Internet of Things and artificial intelligence. Ilham is a mentoring coordinator in ArabWIC UAE chapter, a member in IEEE and an organizer in Google Developer Group Sharjah branch.


Publications


1-Inter Blockchain Communication: A Survey. In Proceedings of ACM ArabWIC 6th Annual International Conference Research Track Proceedings. ACM, Rabat, Morocco.

- 2- Lightweight Blockchain-Based System for Internet of Things Security. In Proceedings of IEEE SoutheastCon 2020. Raleigh, North Carolina, United States.
- 3- A Study on DApps Characteristics. In Proceedings of IEEE Dapps 2020. Oxford, United Kingdom.



 College of Computing & Informatics

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 Department of Computer Science





Omnia Abu Waraga

**Master's in Computer Science,
University of Sharjah, UAE**

Omnia Abu Waraga is a research assistant in OpenUAE Research and Development group. She has interests in Internet of Things security, vulnerability assessment and artificial intelligence. She is a mentoring coordinator in ArabWIC UAE chapter, member of IEEE and an event organizer in Google Developer Group Sharjah branch.

High quality Scopus journal/conference

- 1- Design and implementation of automated IoT security testbed. Computers & Security, 4.3
- 2-IoT Testbed Security: Smart Socket and Smart Thermostat. Proceedings of the 2019 IEEE Conference on Applications, Information and Network Security (AINS2019). Penang, Malaysia.

Research Award

Best paper award in 2019 IEEE Conference on Applications, Information and Network Security (AINS2019). Penang, Malaysia.



College of Computing &
Informatics



Department of Computer
Science



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Dina Jamal Hejji

**Master's in Computer Engineering,
University of Sharjah, UAE**

Dina Jamal is a graduate research assistant in OpenUAE Research and Development group. Her research interests are Artificial Intelligence, Image processing and Deepfakes. She is a fellow IEEE, WIE, OpenUAE and Google Developer Group member.

Projects

- Smart Vehicle Monitoring System sponsored by RTA.
- Face Recognition-based registration system for Expo Centre.
- DeepFakes Detection system using facial expressions and eye blinking.

Research

- Systematic literature review on hardware implementation of Artificial Intelligence algorithms.


Awards


- 2nd place in IEEE student day 2019 cyber security competition.



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 Department of Computer Engineering

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Dr. Iman Saad Ahmed

PhD in Pharmaceutical Sciences

Oregon State University, Oregon, USA

Publications

Iman S. Ahmed (PI), Mohamed Haider, Mariam Ali, Rania El Hosary. Size-tailored polymeric nanoparticles for targeted drug delivery to the liver or blood. UOS Competitive Research Grant # 1801110228, October 2018, AED 80,000.

Research Articles

1. Iman S. Ahmed, Hassan M. Rashed, Hend Fayez, Faten Farouk, Reh ab N. Shamma. Nanoparticle-mediated dual targeting: An approach for enhanced baicalin delivery to the liver (2020). *Pharmaceutics*, 12 (2), 107. (IF: 4.7)
2. Iman S. Ahmed, Osama Elnahas, Rania EL-Hosary. Nanocrystals of fusidic acid for dual enhancement of dermal delivery and anti-bacterial activity: In vitro, Ex vivo and In vivo Evaluation (2020). *Pharmaceutics*, 12 (3), 199. (IF: 4.7)

3. Marwa M. Abd-Rabo; Lobna F. Wahman; Rania El Hosary, Iman S. Ahmed. High-fat diet-induced alteration in lipid enzymes and inflammation in cardiac and brain tissues: Assessment of the effects of Atorvastatin-loaded nanoparticles (2020). *Journal of Biochemical & Molecular Toxicology*. doi: 10.1002/jbmt.22465. [Epub ahead of print]
4. Carol Yousry, Iman S. Ahmed, Maha M. Amin and Omaima N. El Gazayerly. Superhydrophobic Substrates for Ultrahigh Encapsulation of Hydrophilic Drug into Controlled Release Polyelectrolyte Complex Beads (2019). *Pharmaceutics*, 11 (6), 257. (IF: 4.7)
5. Iman S. Ahmed, Rania EL-Hosary, Mariame Hassan, Mohamed Haider, Marwa M. Abd-Rabo. Efficacy and Safety Profiles of Oral Atorvastatin-Loaded Nanoparticles: Effect of Size Modulation on Biodistribution (2018). *Mol. Pharm.* 15 (11), 247255-. (IF: 4.5)
6. Mohamed Haider, Mariame A. Hassan, Iman S. Ahmed, Rehab Shamma. Thermogelling platform for baicalin delivery for versatile biomedical applications (2018). *Mol. Pharm.* 15 (18), 34783488-. (IF: 4.5)



College of Pharmacy



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and Pharmaceutical Technology



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0503794374



Dr. Ghalia KHODER

PhD, Proteomic Microbiology
University of Poitiers, France

RESERCH GRANTS

1. Targeted Research grant_ University of Sharjah (188 000 AED), 20182021-. Project title: Evaluation of the antibiotic resistance of *Helicobacter pylori*: a class 1 carcinogen for a better prevention of gastric cancer in United Arab Emirates
2. Research competitive grant_ University of Sharjah (80 000 AED), 20162018-. Project title: Molecular and Cellular impact of probiotics on gastric ulcer.

PUBLICATIONS

1. Khoder G., Muhammad JSP, Mahmoud I, Soliman S, Burucoa S. Pathogens. Prevalence of *Helicobacter pylori* and its associated factors among healthy asymptomatic residents in the United Arab Emirates. 2019. (IF= 3.65)
2. Khoder G, Al Yassir F, Al Menhali A, Sugathan S, Karam S. International Journal of Molecular Science. Probiotics Upregulate Trefoil Factors and Downregulate Pepsinogen in the Mouse Stomach. 2019. (IF= 4.3)
3. Muhammad JS, Eladl MA, Khoder G. *Helicobacter pylori*-induced DNA Methylation as an Epigenetic Modulator of Gastric Cancer: Recent Outcomes and Future Direction. Pathogens. 2019. (IF= 3.65)
4. Dash N, Khoder G, Nada A, AL Bataineh M. PLoS One. Exploring the Impact of *Helicobacter pylori* on Gut Microbiome Composition. 2019. (IF= 3.02)
5. Touil H., Boucherit K., Boucherit-Otmani, Z., Khoder G., Madkour M. and Soliman S. Biomolecules. Optimum inhibition of Amphotericin B-resistant *Candida albicans* strain in single- and mixed-species biofilms by *Candida* and non-*Candida* terpenoids. 2020. (IF= 4.69)
6. Al Yassir F, Khoder G, Al Menhali A, Sugathan S, Karam S. World Journal of Gastroenterology. Protective Effects of Probiotics Against Gastric Mucosal Damage. 2020 (Under revision). (IF= 3.43)



College of Pharmacy



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0506104098



Dr. Rania Harati

PhD in Experimental and Clinical Pharmacology
University of Paris XI, Paris, France

Winner of the Terry Fox Foundation grant for cancer research (2019 - 2022), 300000 AED

“Restoring MicroRNA-101 and MicroRNA-26b Expression to Suppress Breast Cancer Brain Metastasis” – Principal Investigator

Other Research Projects

Dendritic cells and immunoregulation in central nervous system in mice model of multiple sclerosis – Targeted Research Grant, University of Sharjah, 193000 AED – Co- Investigator

Targeting the microRNA-30 and microRNA-200 families to prevent brain metastasis of breast cancer cells – Competitive Research Grant, University of Sharjah, 80000 AED – Principal Investigator



College of Pharmacy



Department of Pharmacy
Practice & Pharmacotherapeutics



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Evaluating the therapeutic potential of microRNAs in restoring normal function and immunoquiescence of the Blood-Brain Barrier in multiple sclerosis – Competitive Research Grant, University of Sharjah, 80000 AED – Principal Investigator





Dr. Dana Zaher

**PhD Candidate in Molecular Medicine and
Translational Research Program
University of Sharjah, UAE**

Awards

1. Received the prize for the best oral presentation at the 8th Pan Arab Human Genetics Conference. Presentation title: «Metabolic Reprogramming as a Promising Approach for Reverting Breast Cancer Multi-Drug Resistance». Dubai, UAE, 2020.
2. Won the best poster presentation in the 7th Emirati-German Congress in Medicine, Poster title: "Discovery of First in-class Benzopyrane- Derived Anticancer Agent with Pleiotropic Mechanisms of Action". Sharjah, UAE, 2019.
3. Received the best poster presentation award in the student based research day, Poster title: "Energy Restriction as a Novel Approach for Reverting Breast Cancer Multi-Drug Resistance". Sharjah, UAE, 2019.

Published Several Publications

1. Wafaa S. Ramadan , Dana M. Zaher , Alaa M. Altaie, Iman M. Talaat, and Adel Elmoselhi. Potential Therapeutic Strategies for Lung and Breast Cancers through Understanding the Anti-Angiogenesis Resistance Mechanisms. International Journal of Molecular Sciences, 2020. IF: 4.183
2. Dana M. Zaher, Mohammed I. El Gamal, Hany A. Omar, Sarah N. Aljareh, Salma A. Al Shamma, Aya J. Ali, Sumera Zaib, Jamshed Iqbal. Recent Advances of Alkaline Phosphatase Isoenzymes and their Inhibitors. Archiv Der Pharmazie, 2020. IF: 2.145



College of Medicine



Molecular Medicine PhD
Program



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Shifaa M.Emad Eddin Abdin

MSc. Candidate & Graduate Research Assistant, University of Sharjah, UAE

Grant

My research project was funded by a grant from University of Sharjah 80,000 AED

- Project title: Counteracting the multidrug resistance in breast cancer cells via interfering nuclear factor (NF)-kB signaling
- College of Graduate Studies [15,000 AED]

Scholarships

Got a full scholarship from the College of Graduate Studies with a part time graduate research assistant position

Publications

- BACE1 inhibitors: Current status and future directions in treating Alzheimer's disease, Medicinal Research Reviews, Wiley Online Library, IF 9.791
- "The impact of NF-B inhibition on the sensitivity of breast cancer cells to chemotherapy-induced apoptosis", accepted poster at the American Association for Cancer Research (AACR) Annual Meeting 2020, San Diego, USA.

Research Awards

- Second best quality research, 13th Research Scientific Forum, UoS



College of Medicine



Molecular Medicine & Translational Research Program



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Wafaa Ramadan

**PhD Candidate in Molecular Medicine &
Translational Research
University of Sharjah, UAE**

Awards

- L'Oréal UNESCO for Women in Science Middle East Fellowship 2019

Publications

- Interplay between Epigenetics, Expression of Estrogen Receptor- , HER2/ERBB2 and Sensitivity of Triple Negative Breast Cancer Cells to Hormonal Therapy, Cancers, IF:5.87
- Potential Therapeutic Strategies for Lung and Breast Cancers through Understanding the Anti-Angiogenesis Resistance Mechanism, International journal of molecular sciences, IF:4.32
- Role of Flavonoids in Thrombotic, Cardiovascular, and Inflammatory Diseases, Inflammopharmacology, IF:3.45



College of Medicine



PhD program in Molecular
Medicine



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Elaf Akram Abdulhameed

**MSc in Prosthodontics,
University Sains Malaysia, Malaysia**

Book Chapter Marginal Bone Changes around Dental Implants after LIPUS Application: CBCT Study, Bone Graft, IntechOpen

To assess the effect of LIPUS on marginal bone regeneration during insertion and following loading using CBCT scan imaging, a trial of RCT of 22 subjects needing dental implant was conducted. The participants were randomly allocated into 2 groups; both groups underwent similar two-stage implant surgery of one maxillary dental implant. The control group ($n = 11$) of the implant site was allowed to heal in a conventional way, while the intervention group ($n = 11$) was subjected to LIPUS therapy at the implant site (twice a week, 20-minute duration, from week 2 after stage I implant surgery and continued for 10 weeks). Similar ultrasound protocol was repeated 2 weeks after crown

installation and again continued for another 10 weeks. The assessment of marginal bone loss around dental implants was carried out at three different views (coronal, sagittal, and axial) of the implant site immediately after surgery, 3 and 6 months later. Statistical analysis of ANOVA within and between two-group analysis that was applied followed by pairwise comparison with confidence interval adjustment showed that there is a significant difference among the groups ($p < 0.05$). The CBCT imaging (coronal view) values suggested that buccal bone regeneration around the dental implant has significantly increased during the early osseointegration period in the LIPUS-treated subjects than in the control group. LIPUS enhances bone formation in particular buccal bone plate around the dental implant as confirmed by the coronal view



College of Dental Medicine



Preventive and Restorative



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Khuloud Bajbouj

PhD in Cell Biology

Otto-von-Guericke University, Germany

Managing between research activities and teaching responsibility in 2019/2020- where I was able to publish 2 high quality research articles and 2 accepted abstracts at important international conferences, EB and AACR. I am a co-investigator in a recently accepted prestigious MBRU research grant.

Co-Investigator for Combined Inhibition of Insulin Growth Factor 1 Receptors and Autophagy to Prevent Colorectal Cancer Metastasis: A Novel Therapeutic Approach. 300,000 AED, MBRU.

Publications

1. Estrogen-dependent intracellular iron depletion augments the cytotoxic effects of doxorubicin in breast and ovarian cancer cells. Cancer Management and Research.

Impact Factor: 3.7



College of Medicine



Basic Medical Sciences



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06 5057298

2. Quercetin modulates signaling pathways and induces apoptosis in cervical cancer cells. Bioscience Reports. **Impact Factor: 2.5**

3. Anti-tumor activity of the ethanolic extract of *Micromeria fruticosa* on human breast and colon cancer cells. EXPERIMENTAL BIOLOGY 2020

4. Vitamin D exhibits therapeutic anti-tumor and anti-angiogenic potential by reducing VEGF levels and altering TIMP/MMP system in breast cancer. American Association for Cancer Research Annual meeting 2020.





Fatima Abdillahi Hersi

**PhD Candidate in Molecular Medicine and
Translational Research, University of Sharjah, UAE**

Publications

- Fatema Hersi, Hany A. Omar, Raed A. Al-Qawasmeh, Zainab Ahmad, Areej M. Jaber, Dana M. Zaher, Taleb H. Al-Tel. Design and synthesis of new energy restriction mimetic agents: Potent anti-tumor activities of hybrid motifs of aminothiazoles and coumarins. Scientific Reports, 2020, Feb. 10:2893. link
- Mohammed I.El-Gamal, Hany A. Omar, Mohammad H. Semreen, Israa A.Younes, Youmna Y.Zaghloul, Ayat E.Abbas, Iman G.Moussa, Fatima Hersi, Chang-Hyun Ohe, Antiproliferative activity of cycloalkanecarboxamide derivatives possessing sulfonate or sulfamate moiety. Bioorganic Chemistry, February 2020, 103677.

- Mai F. Tolba, Hany A. Omar, Fatima Hersi, Ane C. F. Nunes, Ayman M. Noreddin. The impact of Catechol-O-methyl transferase knockdown on the cell proliferation of hormone-responsive cancers. Molecular and Cellular Endocrinology, 2019 May; 488: 7988- link
- Hany A. Omar, Ahmed T. El-Serafi, Fatema Hersi, El-Shaimaa A. Arafa, Dana M. Zaher, Mohamed Madkour, Hany H. Arab and Mai F. Tolba. Immune-Modulatory MicroRNAs and Cancer Immune Evasion. The FEBS Journal, 2019, Jul 15. ; 286 (18): 3540–3557 link
- Vunnam Srinivasulu, Monther Khanfar, Hany A. Omar, Scott McN Sieburth, Anusha Sebastian, Dana M. Zaher, Farah Al-Marzooq, Fatema Hersi, Taleb H. Al-Tel. Sequencing [4+1]-Cycloaddition and Aza-Michael Addition Reactions: A Diastereoselective Cascade for the Rapid Access of Pyrido[2,1-b:3,4-b']thiazolo[2,3-d:4,3-d']imidazo[1,5-a] quinolone Scaffolds as Potential Antibacterial and Anticancer Motifs. Journal of Organic Chemistry 2019 Nov 15;84(22):1447614486- link



College of Medicine



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Rakhee K. Ramakrishnan

**PhD Fellow in Molecular Medicine and
Translational Research, University of Sharjah, UAE**

Ramakrishnan RK, Al Heialy S, Hamid Q. (2019) Role of IL-17 in asthma pathogenesis and its implications for the clinic. Expert Review of Respiratory Medicine, IF: 2.432

R. K. Ramakrishnan, B. Mahboub, R. Hamoudi, Q. Hamid. Overexpression of Bcl10 in severe asthmatic bronchial fibroblasts. CHEST Annual Meeting 2019, New Orleans, USA

Research Award

CHEST Foundation Diversity Travel Grant 2019, CHEST Foundation, U.S.A



College of Medicine



Sharjah Institute for
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Shaista Manzoor

**PhD Student in Molecular Medicine and
Translational Research, University of Sharjah, UAE**

Grants

- PhD Thesis Support Grant: 40,000 AED. PI: Shaista Manzoor. "Role of Autophagy modulation in Invasion, Metastasis and Chemotherapy resistance"
- Targeted UOS, 200,000 AED. PI: Dr. Maha Saber, Co-PI: Shaista Manzoor. "Exploring mechanisms of 5FU-resistance in colorectal cancer cells with deficient DNA mismatch repair". Targeted Research Grant for Research Centers, Groups and Laboratories. University of Sharjah.

Publication & Conference

- Saber-Ayad M, Manzoor S, Radwan H, et.al. The FTO genetic variants are associated with dietary intake and body mass index amongst Emirati population. PLOS One 14(10): e0223808. (IF: 2.776.).

- Maha Saber-Ayad, Sara Hammoudeh, Manzoor S, et.al. Variants of fibroblast growth factor 21 gene affect dietary salt intake. The 14th Congress of the European Association for Clinical Pharmacology and Therapeutics (EACPT) held in Stockholm, Sweden from 29 June - 2 July 2019.

Awards

- Best poster as co- author in the Students' Research Day' held in University of Sharjah on 19th of February 2019



College of Medicine



College of Medicine
Basic Science



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Dr. Fatima Zohra Aouati

**PhD in Fundamentals of Religion,
Al-Hadj Lakhdar University, Batna, Algeria**

Book Chapter

فقه السيرة النبوية، يتناول جانباً من سيرة النبي صلى الله عليه وسلم، الناشر: جامعة الشارقة 2018

Publications

- 1 - مبادئ علم العلل من خلال مقدمة كتاب «التمييز» للإمام مسلم رحمه الله، مجلة جامعة الشارقة للعلوم الشرعية والدراسات الإسلامية، 2019.
- 2 - الدلالات اللغوية وأثرها في ترجيح معاني غريب الحديث عند محمد الطاهر ابن عاشور من خلال كتابه (كشف المغطى)، المجلة الأردنية في الدراسات الإسلامية، 2019.
- 3 - أثر الحديث النبوي الشريف في اللغة العربية وتطورها، مجلة البحوث العلمية والدراسات الإسلامية، 2019.
- 4 - التزامات الجوار: دراسة تأصيلية في ضوء السنة النبوية. مجلة العلوم الشرعية والدراسات الإسلامية، 2018.



Dr. Dalal Ali AL Hammadi

**PhD in Jurisprudence,
College of Islamic and Arabic Studies, Dubai**

اسم الكتاب

تطبيقات فقه الأولويات في الأحوال الشخصية - دراسة مقارنة بالقانون الإماراتي جامعة
الوصل - دبي

اسم الأبحاث المنشورة

1. بيع المماكسة في الفقه الإسلامي ودلالاته الاقتصادية، مجلة الشريعة والدراسات
الإسلامية جامعة الكويت، 2019
2. بحث بعنوان خلاف الأولى وتطبيقاته في المسائل الخلافية بقانون الأحوال
الشخصية الإماراتي-مجلة الدراسات الإسلامية والفكر للبحوث التخصصية
جامعة مالايا - ماليزيا



كلية الشريعة والدراسات الإسلامية



قسم الفقه وأصوله



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0504702024



ظلال أم الخير أحمد تيسير كعيد

PhD Candidate in Sharia & Islami Studies
University of Sharjah, UAE

اسم الكتاب : أثر السياق في توجيه دلالة الأمر

وصف الكتاب : كتاب أصولي

الناشر: دار أصول

اسم الورقة : النظر المآلي وأثره في الحكم على المستجدات، العملة الافتراضية
أنموذجا

اسم المجلة:

- مجلة جامعة الشارقة للدراسات الإسلامية

- مؤتمر جامعة الشارقة (العملات الافتراضية في الميزان)

ورقة أخرى : الوصية بالمنافع والحقوق، حق التأليف أنموذجا مجلة جامعة الشارقة

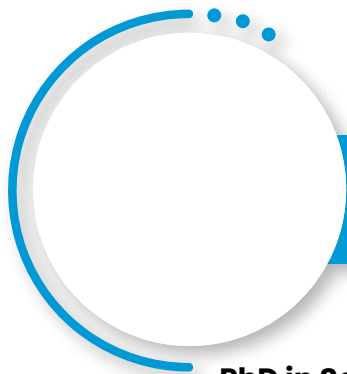
كلية الشريعة والدراسات الإسلامية

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Ouassila Yaiche

PhD in Sociology

Constantine University, Algeria

Book Chapter

د. وسيلة يعيش خزار، د. قاسمي صونيا، د. شناف خديجة ود. بلخيري مراد. تقنيات تصميم وتفريغ الاستبيان، الجزائر: ألفا للوثائق، ط1، 2018.

Publications

Fadila Grine & Ouassila Yaiche Khezzar. Ibn Khaldun's Political Thought and Relevance: Abdallah Sharit's Critical Vol .7517-Perspective. Journal of Al-Tamaddun. ISSN 1823 .13(2) 2018. University of Malaya

رؤوف، كمواش؛ وسيلة، يعيش؛ جمال الدين، كمواش. «القيادة التحويلية لدى رؤساء الأقسام بجامعة محمد الصديق بن يحيى الجزائر». مجلة الآداب، ISSN: 1994473X، العدد 132، آذار 2020، جامعة بغداد. (مقبول للنشر)

وسيلة يعيش خزار. «الأيديولوجيا في الفكر الغربي بين تنوع الرؤى وتعدد الدلالات». مجلة الآداب، ISSN: 1994473X، العدد 130، سبتمبر 2019، جامعة بغداد.



Arts, Humanities & Social Sciences



Sociology



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Maryam Taha Mannaa


Ph.D., Tourism, Hospitality and Tourism Guidance, Alexandria University, Alexandria, Egypt.

Mannaa, Maryam (2019) Halal food in the tourist destination and its importance for Muslim travellers, Current Issues in Tourism, DOI: 10.1080/13683500.2019.1616678/


Impact Factor: 3.395


<https://www.tandfonline.com/doi/full/10.1080/13683500.2019.1616678?scroll=top&needAccess=true>

Mannaa, Maryam (2019), Introduction to tourism legislations: United Arab Emirates model, Sharjah: University of Sharjah, Office of the Vice Chancellor for Scientific Research and Graduate Studies.

 College of Arts, Humanities & Social Sciences

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Young Women & UoS
Women's Associations



ACM Women in Computing ACM-W


Zakia Abdirizak Hussein

Computer Science Undergraduate

Who are we?


Official chapter for 'Women in computing' ACM Branch in University of Sharjah.

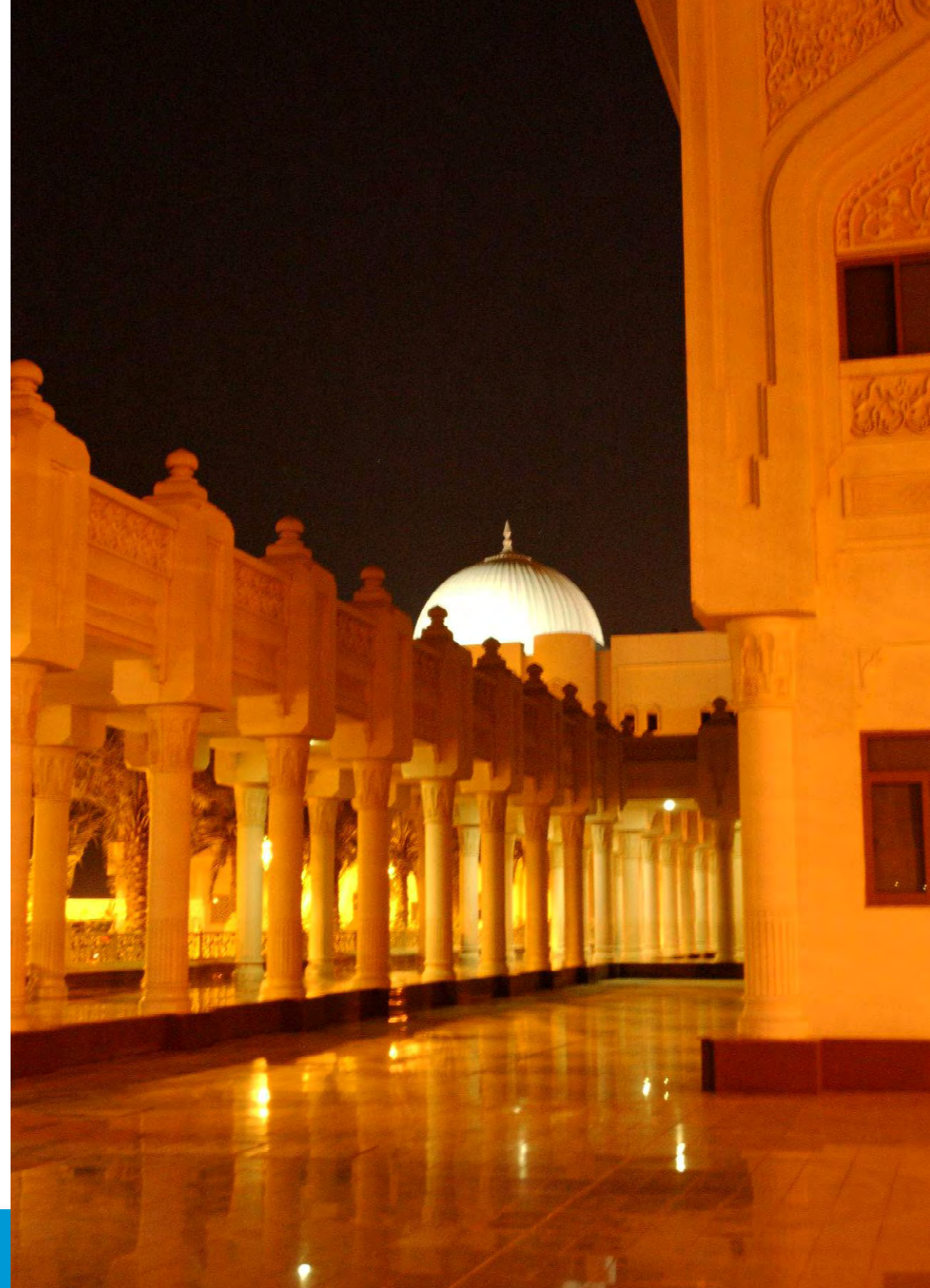
ACM-W supports, celebrates, and advocates internationally for the full engagement of women in all aspects of the computing field. It provides a wide range of programs and services to ACM members and works in the larger community to raise awareness of the opportunities available to women in computer science and advance the contributions of technical women.

 College of Computing & Informatics

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 Department of Computer Science

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Arab Women in Computing (ArabWIC)

Halah Abdulrakib Albadani

**Senior Information Technology Student
Events & Workshops Co-Coordinator**

Who are we?

Arab Women in Computing (ArabWIC)

The goal of The Arab Women In Computing (ArabWIC) is to support, inspire, retain, encourage collaboration among, increase visibility of and help elevate the status of Arab women in computing, and allow them to achieve their career goals. Also, to create linkage with international women-in-CS organizations.



College of Computing &
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Department of Computer
Science



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Arab Women in Computing (ArabWIC)

Fatima Mohammed Dakalbab

**Senior Information Technology Student
Events & Workshops Co-Coordinator**

Who are we?

Arab Women in Computing (ArabWIC)

The goal of The Arab Women In Computing (ArabWIC) is to support, inspire, retain, encourage collaboration among, increase visibility of and help elevate the status of Arab women in computing, and allow them to achieve their career goals. Also, to create linkage with international women-in-CS organizations.

Department of Computer
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Women in Engineering (WIE)

Sana Mohammed Armoush

Senior Electrical Engineering Student


Who are we?

Official chapter for 'Women in Engineering' IEEE Branch in University of Sharjah. IEEE WIE is one of the world's leaders in changing the face of engineering. Our global network connects nearly 20,000 members in over 100 countries to advance women in technology at all points in their life and career. IEEE WIE members make lifelong friendships, acquire influential mentors, and make a difference for the benefit of humanity.

 College of Engineering

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 Department of Electrical Engineering

 0971551840090





Sima Habrawi

**Senior Student at the College of Dental
Medicine**

Campus directors are selected based on an official application and a video interview by the HULT PRIZE global team to be the local face of the foundation to inspire, educate, collaborate with local and international entities and lead university students to come up with ideas that change the world. The campus director also appoints the local organizing committee based on application forms and interviews if needed.

Together with the campus director, the local organizing committee execute the first part of the competition in their own university where they hold an "on Campus Program".

Local organizing committee (LOC) of the HULT PRIZE at UOS:

- Mohammad Wazzan – General Secretary
- Dina Esam Mansour – Communications Chair
- Ahmed El shimy – PR and Sponsorship Chair
- Hadi Atteli – Training and Innovation Chair

Who are we?

The Hult Prize Foundation is called the "Nobel Prize for Students," and is ranked amongst the world's most innovative companies by Fast Co. and was featured in a TIME Magazine Cover Story highlighting the "Top 5 Ideas Changing the World."

Working directly with the Bill Clinton global initiative and the United Nations; The HULT PRIZE is the world's biggest engine for the launch of for-good, for-profit startups emerging from university with over 2500 staff and volunteers around the world. Training over one million youth in impact entrepreneurship over the past decade, the movement has deployed more than \$50M of capital into the sector and mobilized and empowered millions of young people to re-think the future of business as it continues to breed disruptive innovation on college and university campuses across 100+ countries.

Millions of students worldwide compete to win 1 million dollars to fund their idea. We are proudly one of only 3 accepted programs in the UAE!



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