

# UAEU ANNUAL STUDENT UNDERGRADUATE RESEARCH CONFERENCE

**APRIL 19, 2016**

**10:00 – 3:30 PM**

**Venue: Male CIT - Auditorium**



**UAEU** University  
College

ORGANIZED BY **S**TUDENT **A**CADEMIC  
**S**UCCESS **P**ROGRAM

United Arab Emirates University is holding its second Annual Student Undergraduate Research Conference. The purpose of the conference is to promote undergraduate research and creative activities conducted by undergraduate students through their department and college. It is an opportunity for students to showcase their research capabilities and endeavors. Further, the Conference will give the opportunity to foster undergraduate research among UAE students by offering the valuable experience of presenting at a research conference in the smaller, friendlier environment.



# CONFERENCE PROGRAM

## REGISTRATION

9:00 – 10:00 AM

## MORNING SESSION

CIT Male Auditorium

### INAUGURAL SPEECH

10:00 – 10:10 AM

## STUDENT PRESENTATIONS

JAMAL ALHAJ

Emirati Undergraduates' Motivational Profiles and Self-perception  
College of Sustainability Sciences and Humanities. Dubai, Zayed University

10:15 – 10:35 AM

MEZOUN M. AL DHAHERI, JUNU A. GEORGE, YASSIR A. MOHAMED, GHADA BASHIR,  
KHOLOUD ARAFAT, KHALIL B. RAMADI, SAMIR ATTOUB, MARIA J. FERNANDEZ-CABEZUDO

Inhibition of Breast Cancer Growth and Metastasis by Manuka Honey

College of Medicine and Health Sciences, UAEU

10:40 – 11:00 AM

MOHAMAD FADI SAWAS

The Effect of the Common Market on Intra-GCC Trade

College of Business and Economics, UAEU

11:05 – 11:25 AM

NOOF ALI AL KINDI, SHAIKHA SULAIMAN AL FAZARI, SHAMMA JAMAL AL KAABI  
Ethical Graphical Simulator for Switch CAM Tables and ARP Cache Poisoning Attacks  
(an educational tool)

College of Information Technology, UAEU

11:30 – 11:50 AM

## LUNCH TIME

12:00 – 1:00 PM

## AFTERNOON SESSIONS

STUDENT ORAL AND POSTER PRESENTATIONS

CIT Male, 1:30 – 3:00 PM

## CLOSING CEREMONY

Certificates

CIT Male Auditorium, 3:00 – 3:30 PM



# MORNING SESSIONS

CIT Male – Auditorium G020

Oral  
Session 1

**Time: 10:15 – 10:35 AM**

Jamal Alhaj, *College of Sustainability Sciences and Humanities. Dubai, Zayed University*

Supervisor: Dr. Joana Stocker

EMIRATI UNDERGRADUATES' MOTIVATIONAL PROFILES AND SELF-PERCEPTION

**Time: 10:40 – 11:00 AM**

Mezoon M. Al Dhaheri, Junu A. George, Yassir A. Mohamed, Ghada Bashir, Kholoud Arafat, Khalil B. Ramadi, Samir Attoub, Maria J. Fernandez-Cabezudo

*College of Medicine and Health Sciences, UAEU*

Supervisor: Dr. Basel K. al-Ramadi

INHIBITION OF BREAST CANCER GROWTH AND METASTASIS BY MANUKA HONEY

**Time: 11:05 – 11:25AM**

Mohamad Fadi Sawas. *College of Business and Economics, UAEU*

Supervisor: Dr. Emilie Rutledge

THE EFFECT OF THE COMMON MARKET ON INTRA-GCC TRADE

**Time: 11:30 – 11:45 AM**

Noof Ali Al Kindi, Shaikha Sulaiman Al Fazari, Shamma Jamal Al Kaabi

*College of Information Technology, UAEU*

Supervisor: Dr. Zouheir Trabelsi

ETHICAL GRAPHICAL SIMULATOR FOR SWITCH CAM TABLES AND ARP CACHE POISONING ATTACKS (AN EDUCATIONAL TOOL)



# AFTERNOON PROGRAM

## 1:30 – 3:00 PM

### Session 1: CIT Male – Auditorium G020

Chair: Dr. Ahmad AbuBakar

**Time: 1:30 – 1:45 pm**

Raneen Herzalla. *College of Business and Economics, UAEU*

Supervisor: Dr. Mohamed Chaouch

PATTERN RECOGNITION BASED ON FUNCTIONAL REGRESSION MODEL

**Time: 1:50 – 2:05 pm**

Fatima Al Muhairi. *Department of Psychology, Zayed University*

Supervisor: Dr. Faten Al Anouti

UNDERSTANDING UAE RETAIL WORKERS' STRESS AND WORK HEALTH

**Time: 2:10 – 2:25 pm**

Shaima Al Qrain, Raha Al Marzooqi, Aysha Al Neyadi, Amal Qayed, Noura Al Neyadi, Cyrus Tariq, Jorgan Kristensen, Inaam Hassan

*College of Medicine and Health Sciences, UAEU*

Supervisor: Dr. Elsadig Kazzam

LEFT VENTRICULAR RELAXATION AND FILLING PROPERTIES IN PATIENTS WITH THALASSEMIA MAJOR

**Time: 2:30 – 2:45 pm**

Walaa Mulla Hassan Ahmed. *College of Business and Economics, UAEU*

Supervisor: Dr. Emilie Rutledge

COST- BENEFIT ANALYSIS OF THE EFFECTS OF INTRODUCING VAT IN THE UAE

Oral  
Session 1



# Session 2: CIT Male - Room 1028

Chair: Dr. Khaled Hamdan

Oral  
Session 2

## Time: 1:30 – 1:45 pm

Noura Al Neyadi, Shaima Al Qrain, Raha Al Marzooqi, Javed Yasin, Awad Al Essa, Anas Lababidi, Abderrahim Nemmar

*College of Medicine and Health Sciences, UAEU*

Supervisor: Dr. Elsadig Kazzam

INFLAMMATORY MARKERS AND NEUROHORMONAL ACTIVATION IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA

## Time: 1:50 – 2:05 pm

Nuha Suleiman Bin Ajjaj. *College of Sustainability Sciences and Humanities, Zayed University*

Supervisor: Dr. Faten Al Anouti

CREATING AN ATLAS FOR SABKHA AND SINKHOLE FORMATION WITHIN ABU DHABI USING FIELD AND SPATIAL ANALYSES TECHNIQUES

## Time: 2:10 – 2:25 pm

Sanabel Al Darwish. *College of Business and Economics, UAEU*

Supervisor: Dr. Mohamed Chaouch

MODEL REGRESSION FOR PEAK LOAD FORECASTING

## Time: 2:30 – 2:45 pm

Marwa Al Suwaidi, Hala Ibrahim, Azza Al Shamisi, Athba Al Zubaidi, Shayma Alshehhi  
*College of Humanities and Social Sciences, UAEU*

Supervisor: Dr. Naeema AlHosani

MAPPING URBAN GROWTH IN AL AIN CITY FROM 2015-2030



# Session 3: CIT Male - Room 1027

Chair: Dr. Haydar Hassan

Oral  
Session 3

## Time: 1:30 – 1:45 pm

Badreyya Khamis Alyalyali, Khawlah Obaid Al Abdouli, Asma Mubarak Al Sulaimani, Nuha Salem Bani Shemali. *College of Information Technology, UAEU.*

Supervisor: Dr. Yousef Al Hammadi

EXTRA END-TO-END ENCRYPTED PHONE CALLS

## Time: 1:50 – 2:05 pm

Ahmed Hasan Ahmed Al Mansoori. *College of Business and Economics, UAEU*

Supervisor: Dr. Emilie Rutledge

DIVERSIFYING THE SPORTING ACTIVITIES OF THE YOUTH IN THE UAE: CHALLENGES AND PROSPECTS

## Time: 2:10 – 2:25 pm

Asmaa Mahmoud Ahmed Abdelgalil. *College of Education, UAEU.*

Supervisor: Dr. Mohamed Gad El Moola

PEDAGOGIC COMPLEMENTARITY BETWEEN MEDIA AND EDUCATION

## Time: 2:30 – 2:45 pm

Khawla Rashed Alshehhi, Mouza Mohammed Alhemeiri. *College of Information, UAEU.*

Supervisor: Yazid Benchabane

SMART LUGGAGE “iLUGGAGE”



# POSTER SESSION

## CIT Male - Exhibiton Hall G023 1:30 – 3:00

| University/College                              | Title                                                                                                                      | Students                                                                                                   | Supervisor                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| UAEU<br>College of Food & Agriculture           | ANALYZING CONSUMERS' PREFERENCES AND WILLINGNESS TO PAY FOR THE LOCAL FOOD PRODUCTS IN UAE                                 | Ahmed Al Junaibi<br>Hamdan Al Eissae<br>Hamad Al Rasheedi<br>Mohammed Khouri                               | Dr. Safdar Muhammad<br>Dr. Eihab Fathelrahman |
|                                                 | CHANGES IN LIPID, PROTEIN FRACTIONS AND PHYSICOCHEMICAL PROPERTIES OF CAMEL MEAT SUBJECTED TO DIFFERENT COOKING TECHNIQUES | Mouza Abdulla Bahwan                                                                                       | Dr. Sajid Maqsood<br>Ahmed                    |
| UAEU<br>College of Business and Economics       | THE RELATIONSHIP BETWEEN OIL GDP AND NON-OIL GDP IN THE GCC COUNTRIES                                                      | Badder Hassan Ali<br>Alqassim                                                                              | Dr. Emilie Rutledge                           |
|                                                 | WAITING TIME EXPERIENCES IN HOSPITALS AND PATIENT SATISFACTION IN THE UAE                                                  | Rime El Mane<br>Rahaf Sa'ed                                                                                | Dr. Youssef Boulaksil                         |
|                                                 | MAIN DETERMINANTS OF FDI IN JORDAN FROM 1980 TO 2006                                                                       | Anwaar Khaled                                                                                              | Dr. Marina Katsaiti                           |
| UAEU<br>College of IT                           | MODELING AND VIRTUALIZATION OF EMIRATI HERITAGE                                                                            | Eiman Saif Al Hassani<br>Aysha Matar Al Niyadi<br>Shaikha Saeed Al Nuaimi<br>Wadha Rashed Al Ketbi         | Dr. Boumediene<br>Belkhouche                  |
|                                                 | ON RELIABILITY-ENHANCED QUANTUM CELLULAR AUTOMATA (QCA) DESIGNS                                                            | Aisha Fahad<br>Alia Saeed<br>Latifa Hamad                                                                  | Dr. Fekri Kharbash                            |
| UAEU<br>College of Sciences                     | THE USE OF MOLECULAR CONTAINERS IN FOODSTUFF                                                                               | Sara Jaber Al Ahbabi<br>Sulafa Saeed AbdelHalim<br>Naji Al-Dubaili                                         | Dr. Na'il Saleh                               |
| UAEU<br>College of Humanity and Social Sciences | MAPPING WASTE DISPOSAL IN ABU DHABI                                                                                        | Khuloud Al Kaabi<br>Fatima Al Mazrouei<br>Sabah Al Saqqaf                                                  | Dr. Naeema AlHosani                           |
|                                                 | MAPPING OVERFISHING IN UAE                                                                                                 | Jawaher Al Zahmi                                                                                           | Dr. Naeema AlHosani                           |
| UAEU<br>Innovation and Entrepreneurship Course  | BENEFITING FROM CCSL SHOE (K ENERGY)                                                                                       | Naseeba Sultan Mohamed<br>Mouza Sultan Al Kaabi<br>Wafaa Abduljaleel Al-Wali<br>Khulood Ali Helal Alkhatri | Mr. Yazid Benchabane                          |

