

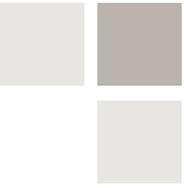
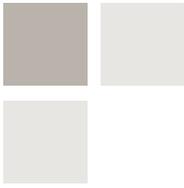


UAEU



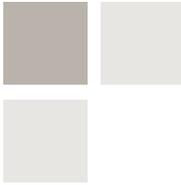
ANNUAL REPORT

for the Academic Year
2017/2018



H.E. SAIED AHMED GHOBASH
Chancellor of the United Arab Emirates University





Message from the Vice Chancellor

United Arab Emirates University (UAEU) aspires to be the University of the Future in the country and the region, having students of all ages in higher education turn to us for their studies. In that sense, we are aiming to rank among the top 20 academic institutions in Asia and the top 200 in the world.

The academic year 2017-18 has shown that UAEU is attaining regional and global eminence by conducting cutting-edge research in areas of strategic difference to the region and the world. This year saw a great advancement in our rankings, an increase in our collaboration agreements, organizing and participating in high-level conferences, and building valued new links with distinguished academics and researchers.

UAEU's 2017-18 Annual Report presents and details these significant contributions to the advancements of knowledge through research, which demonstrates our focus on a strategy that identifies niches for research and development.

With education increasingly growing as a vital pillar for the Middle East, UAEU plans to become the national hub in research and entrepreneurship, as well as the primary destination for collaboration with governmental and non-governmental agencies, organizations, industry and international agencies. We plan on focusing more on STEM subjects, as per the requirements of the future job market, and strategically select academic programs that are sustainable and relevant to the region. Education will prove crucial in equipping young students with the skills they need in the 21st century, including emotional intelligence and critical thinking

We intend to attain our top rankings, while improving as we go along. Our aim is to be known as a world-class university, providing only the best education has to offer to students. In that regard, we plan to adopt and constantly revise learning approaches by embracing and devising technology that facilitates delivery and assimilation of knowledge, while promoting curiosity and critical thinking among our graduates.

The UAEU will maintain its core values and heritage while redefining its mission. It will reposition itself as per the market and student needs, and evolve into an institution that prepares future leaders in diverse fields.

The future does not wait – it is constantly at our doorstep and we must ensure to take action today to be able to be prepared accordingly for tomorrow. We are on the right track and we will continuously improve to continue following that path and ensure continued success in the near future.



H.E. Professor Mohamed Albaili
VICE CHANCELLOR OF UAEU



The prosperity, harmony and development that characterizes the United Arab Emirates today, led by President H.H. Sheikh Khalifa Bin Zayed Al Nahyan the Ruler of Abu Dhabi Emirate, and his fellow members of the Supreme Council of Rulers of the Seven Emirates; is very much thanks to the late Sheikh Zayed's role both prior to the formation of the UAE Federation and in the nearly 33 years that followed until his death in November 2004.

Al Ain is an ancient College of Information Technology, central to the cultural heritage of the UAE and also the birthplace of President H.H. Sheikh Khalifa Bin Zayed Al Nahyan. It remains close to the heart of the royal family and the people of UAE. For more than 5,000 years, it has been a welcome and a cool retreat from the surrounding desert and coastal emir-

ates. Known as the "Garden College of Information Technology of the Gulf" it is built around nurturing oases irrigated by an ancient 'falaj' water system.

It is the second largest College of Information Technology in the Abu Dhabi Emirate and the fourth largest College of Information Technology in the UAE. Al Ain is located approximately 150km inland from the capital College of Information Technology of Abu Dhabi and the popular tourist destination of Dubai. Al Ain has the country's highest number of Emirati nationals and is developing as a tourist destination with the dry desert air making it a welcome retreat from the coastal humidity of the larger College of Information Technologies.

Its attractions include Jebel Hafeet, a 1,340 meter mountain, which dominates the surrounding area. It is popular to visit the mineral springs at its base and to drive to the mountaintop at sunset. Other places of interest include the Al Ain Oasis in the College of Information Technology center, and other oases dotted around the area, offering cool retreats in the middle of the summer heat. Additionally, tourists can enjoy Al Jahili Fort, the Camel Market, many well-maintained parks, a heritage village, the Al Ain National Museum, the Al Ain Palace Museum, several restored forts and the Hili Archaeological Park which dates back to the Bronze Age.

Three years ago, the College of Information Technology of Al Ain joined the prestigious list of UNESCO World Heritage Sites for its rich cultural heritage including the dome-shaped tombs of Hafeet Mountain, the man-made 'falaj' water system and the College of Information Technology's lush oases.

A cultural retreat, Al Ain also hosts annual events including the Al Ain Classical Music Festival. The College of Information Technology is a popular tourist destination with first class hotels, a golf resort, shopping malls, restaurants, a wild-life park, a water-adventure park and the recently opened Hazza Bin Zayed football stadium.

'Plan Al Ain 2030', the urban structure framework plan designed by Abu Dhabi Urban Planning, will help Al Ain evaluate and respond to current and future developmental needs and will guide further planning for new development. It is projected that the College of Information Technology will grow over the next 13 years and planning is in place to accommodate population growth while avoiding over-development, depletion of ground water resources, or encroachment on natural habitats or heritage sites. This is essential in order to preserve the natural assets that give the College of Information Technology its unique character.

United Arab Emirates & Al Ain

The Federation later known as the United Arab Emirates (UAE) was formally established on 2nd December, 1971. The members included the emirates of Abu Dhabi, Dubai, Sharjah, Umm Al-Quwain, Fujairah, Ajman and Ras Al-Khaimah

About

The University



Basis of Authority

The United Arab Emirates University was established by the late Sheikh Zayed Bin Sultan Al Nahyan, by virtue of Federal Law 4 of 1976. UAEU is a research-based institution providing research solutions to support the UAE and, through its global partners, the wider world.

University Council

The UAEU Council is the governing body responsible for the management of academic and administrative affairs.

Colleges and Departments

UAEU has nine Colleges which conduct teaching at undergraduate and postgraduate levels while pursuing research and scholarly investigation. The University College offers a preparation program that aims to help students make a successful transition from high school to university study, providing developmental help to students who need additional instruction in Arabic, English and mathematics.

UAEU colleges provide comprehensive opportunities for education and subsequent careers to more than 15,000 students, offering a full range of undergraduate and graduate degree programs. The university offers 51 Bachelor's degrees; 30 Master's programs; a Doctor of Medicine (MD); a Doctor of Pharmacy (Pharm.D); a Ph.D program and a Doctor of Business Administration (DBA).

Research Emphasis

Research is the engine that drives advances in technology, agriculture, medicine, law, the economy and science. Research also drives the policies that underpin growth in knowledge-based economies. Therefore, UAEU has a strong research mission.

Student Life

Students from all seven emirates plus 65 other countries enrich and enliven the campus and classrooms. The 50% of students who live on cam-

pus enjoy a full range of organized campus activities and events that add a unique educational value and vibrant dimension to each respective student's academic life. Classrooms and laboratories feature state-of-the-art equipment and instructional technology to enhance student learning and contribute to academic success.

Graduates

The 67,203 UAEU graduates contribute to their communities and provide leadership throughout the UAE, the Gulf region and, increasingly, the global community. UAEU is committed to the human development goals and cultural values expressed by Sheikh Zayed in establishing UAEU as the national university in 1976.

National Staff

The university is proud to have 141 Emirati national faculty. In addition, Emirati nationals occupy over 69% of staff positions.

Wide Range of Bachelor's Degree Programs

UAEU recognizes its responsibility to the community by making knowledge and educational resources readily accessible. Close to 603 faculty, 119 Instructors and 179 University Foundation Program (UFP) Lecturers all add a unique quality to every undergraduate degree and provide unparalleled academic opportunities for students.

United Arab Emirates University Degrees



COLLEGE OF SCIENCE

BACHELOR OF SCIENCE: Mathematical Sciences; Physics; Chemistry; Biochemistry and Biology **with specializations in:**

Cellular and Molecular Biology, Ecological and Environmental Biology and General Biology; and Geology **with specializations in:**

Petroleum Geology and Applied Geology.

MASTER OF SCIENCE: Chemistry; Mathematics; Physics; Molecular Biology and Biotechnology, and Environmental Sciences.

DOCTOR OF PHILOSOPHY.

COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE: Architectural Engineering; Civil Engineering; Chemical Engineering; Electrical Engineering; Mechanical Engineering; Communications Engineering and Petroleum Engineering.

MASTER OF SCIENCE: Architectural Engineering; Electrical Engineering; Mechanical Engineering; Civil Engineering; Water Resources; Materials Science and Engineering; Petroleum Geosciences; Petroleum Engineering, and Chemical Engineering.

MASTER OF Engineering Management.

DOCTOR OF PHILOSOPHY.

COLLEGE OF BUSINESS AND ECONOMICS

BACHELOR OF: Accounting; Economics; Finance and Banking; Statistics, and Management Information Systems.

BACHELOR OF BUSINESS ADMINISTRATION: Marketing; Supply Chain Management and Logistics; Entrepreneurship, and Human Resources Development and Management.

MASTER OF: Business Administration, and Professional Accounting.

DOCTOR OF BUSINESS ADMINISTRATION.

COLLEGE OF EDUCATION

BACHELOR OF EDUCATION: Art Education; Preparatory and Secondary Education; Early Childhood Education; Elementary Education **with specializations in:**

Islamic Studies and Arabic, Mathematics and Science, Social Studies and Civics, English Language; Special Education **with specializations in:**

Mild/ Moderate Disabilities, and Gifted and Talented Children.

MASTER OF EDUCATION: Special Education; Educational Leadership, and Curriculum and Instruction.

DOCTOR OF PHILOSOPHY.



COLLEGE OF HUMANITIES AND SOCIAL SCIENCE

BACHELOR OF ARTS: Geography; Mass Communications; Arabic Language and Literature; English Literature; Linguistics; History; Applied Linguistics/TESOL; Political Science; Psychology; Sociology; Translation Studies; Leadership and Society; Tourism Studies, and Philosophy.

BACHELOR OF: Social Work

MASTER OF SCIENCE: Remote Sensing and Geographic Information Systems, and Clinical Psychology.

MASTER OF Social Work: Governance and Public Policy.

DOCTOR OF PHILOSOPHY.

COLLEGE OF INFORMATION TECHNOLOGY

BACHELOR OF SCIENCE: Information Technology **with specializations in:**

Computer Systems Design; Intelligent Systems; Electronic Commerce; Information Security; Enterprise Systems; Networking, and Software Development.

MASTER OF SCIENCE: E-Business; Information Security; Network Engineering; Software Engineering; Information Technology, and IT Management.

DOCTOR OF PHILOSOPHY.

COLLEGE OF MEDICINE AND HEALTH SCIENCE

BACHELOR OF: Medical Science (B.Med.Sci), and Doctor of Medicine (MD).

MASTER OF MEDICAL SCIENCE: Pharmacology and Toxicology; Microbiology and Immunology, and Biochemistry and Molecular Biology.

MASTER OF: Public Health

PROFESSIONAL DOCTORATE: Doctor of Pharmacy.

DOCTOR OF PHILOSOPHY.

COLLEGE OF FOOD AND AGRICULTURE

BACHELOR OF SCIENCE: Agribusiness; Dietetics; Horticulture; Marine Fisheries and Animal Science; Nutritional Science; Food Science, and Veterinary Medicine.

MASTER OF SCIENCE: Horticulture, and Food Science.

MASTER OF: Agribusiness Management.

DOCTOR OF PHILOSOPHY.

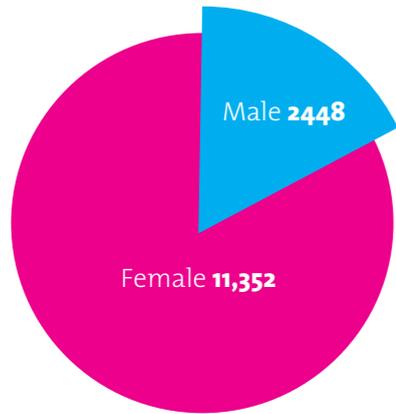


COLLEGE OF LAW

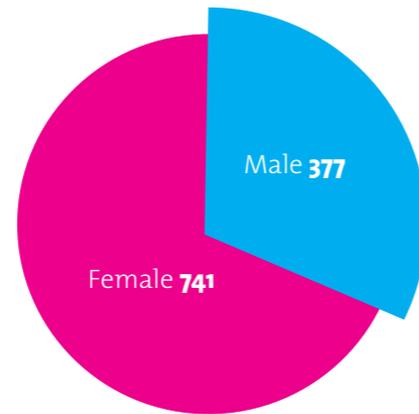
BACHELOR OF: Law

MASTER OF: Private Law; Public Law; and International Trade Law.

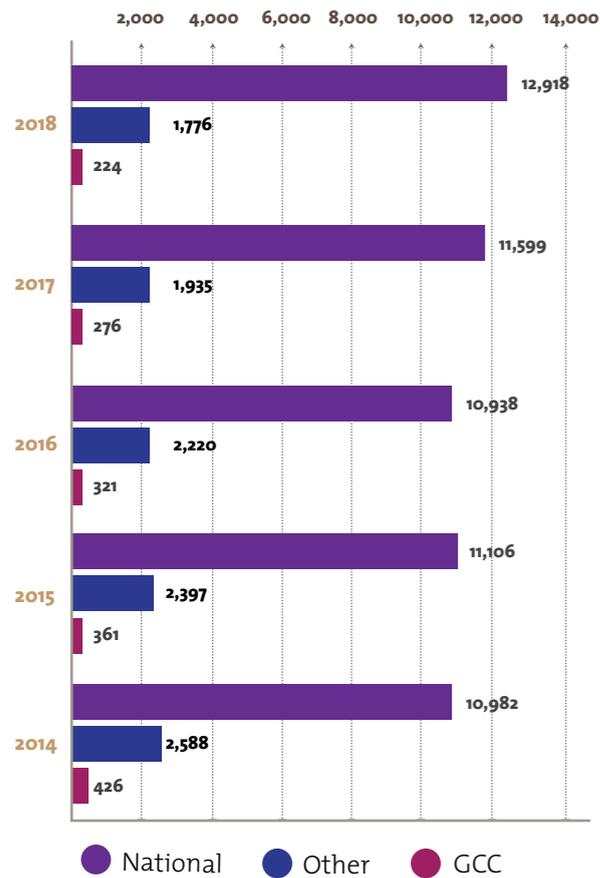
Undergraduate Students
Year 2018



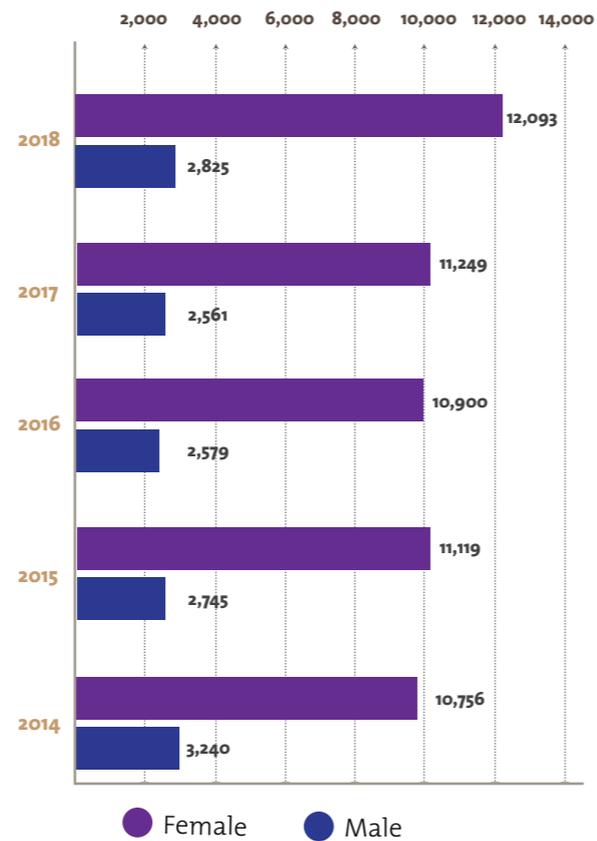
Postgraduate Students
Year 2018



Enrollment Statistics
By Nationality

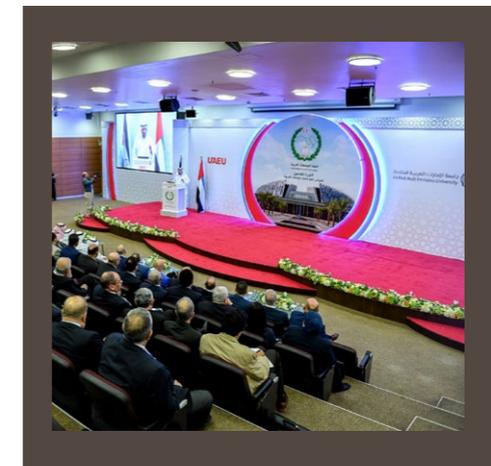


Enrollment Statistics
By Gender



Highlights

2017/2018



October

The Golden Jubilee Conference of the Association of Arab Universities (AAU).

A pocket-sized smart reading device created by innovative United Arab Emirates University (UAEU) students is aiming to give visually-impaired people the technology that will allow them to read whatever they want, whenever they want, and wherever they are.

Student's Innovation award for UAEU research into generating a new source of gelatin.

A research team from the College of Food and Agriculture discovered a new fungus, with beneficial properties, known as *Dominilia Emiratia*.

November

UAEU-Developed Drone Technology Aims to Save Lives of Disaster Victims

National Day Celebrations.

December



January

H.E. Mariam Al Mehairi, the UAE's Minister of State for Food Security, and an accompanying delegation visited UAEU.

The Sultan Bin Ali Al Owais Cultural Foundation announced that the United Arab Emirates University is the winner of the Scientific and Cultural Achievement Award for 2017/2018.



February

UAEU hosts Innovation Month. The Innovation Hub, powered by Google opened at UAEU. A place for students and the community to learn app development, 3D printing, robotics and laser cutting.

March

Hasnaa Al Derei won the first place in the Student Great Competition titled 'Year of Zayed'.



April

Sheikh Saeed bin Tahnoun Al Nayhan attended the activities of the 3rd Law Day, organized by the College of Law.



UAEU in collaboration QS Asia organized the QS WorldClass 2018 Seminar titled 'Changes in University/Industry Interaction' at Crowne Plaza Hotel, Yas Island in Abu Dhabi.



May

UAEU signs a collaboration agreement with the University of California, Berkeley.



A new system to help patients rehabilitate themselves in a more efficient and College of Science-effective manner was developed by students and researchers at the United Arab Emirates University, in collaboration with the intelligent behaviour control unit at the RIKEN National Science Institute in Nagoya, Japan. The project uses technology and artificial intelligence (AI) to have easier and quicker access to neuro-therapists.



June

United Arab Emirates University (UAEU) ranked 39th spot, up 11 from last year in the latest QS Top 50 Under 50 2019 rankings.

The United Arab Emirates University (UAEU) jumped 40 places in the QS World University Rankings 2019 where it is now ranked 350.

Preparing Future Leaders

Career Preparation

Center for Public Policy and Leadership (CPPL) held a lecture on 'Innovation and Entrepreneurship for Startups and Small Businesses'.

The Student Development Unit (SDU) in the College of Education organized seminars and workshops that covered a wide range of topics such as research skills; learning disabilities; motivation; leadership skills; time management; student organizational skills; study skills; self-confidence etc.

The College of Business and Economics organized 'My Journey toward Success and Professional Development', where successful industry leaders shared their stories and gave advice to students.

College of Information Technology organized an IT Industry Innovation Exhibition Day to raise students' awareness about the crucial role IT plays in the development of the knowledge economy in UAE, and to give students an opportunity to meet government and private IT operators in order to make connections. In addition, the Internship Unit at organized workshops for students on CV writing, interview skills, team dynamics, presentation skills, etc.

The Center for Career Planning and Placement organized 73 various programs including Group Career Counseling Sessions, Career Workshops, Career Outreach Programs, and Career Assessment Sessions which attracted almost 4,000 students.

Student Winning Competitions and Awards

Wadima Hamad Alameri won Best Sociology Research Paper titled 'Parents' Attitudes to Road Safety Rules in UAE'.

Alyazia Al Blooshi won first place at the SASP Writing Competition on Artificial Intelligence.

A number of students called The Smart Submarine Team from the geography department won the final round of 2020 Expo Live Competition.

Geography student Tariq Al Hamadi won 3rd place in 'Designing the GIS Website Competition' during the activities of GIS Day at Sharjah Water and Electric College of Information Technology Authority (SEWA).

Nouf Juma Abdulla Juma Al Rashdi won 1st place in the UAEU Experimental Linguistics Student Poster Session at the 6th UAE Undergraduate Research Competition 2018.

A team from the College of Information Technology won 2nd place in the EDUCOM competition in Sharjah for designing assistive applications.

A team from the College of Information Technology students won 3rd place in the category of Uni-Smart Systems and AI for their project "Automatic Generation of Interactive Stories"



College of Information Technology students won 3rd place in the category of Uni-Health Systems and Bioinformatics for their project 'A Wearable Robotics Assistive Device'.



College of Information Technology students won 1st place in the Emirates Technology and Innovation Competition (ETIC) programming competition.

Dwak made up of a team of College of Business and Economics students won the People's Choice Award at the global final of Pitch@Palace, which took place at St. James's Palace in London in the presence of HRH Prince Andrew, the Duke of York the founder of Pitch@Palace. Their device Dwak is a personalized medical assistant, that creates a link between prescription drug users and hospitals/pharmacies after they leave the pharmacy. All the patient has to do is download the Dwak App, scan a barcode and instantly reminders are created in the patients' phone.



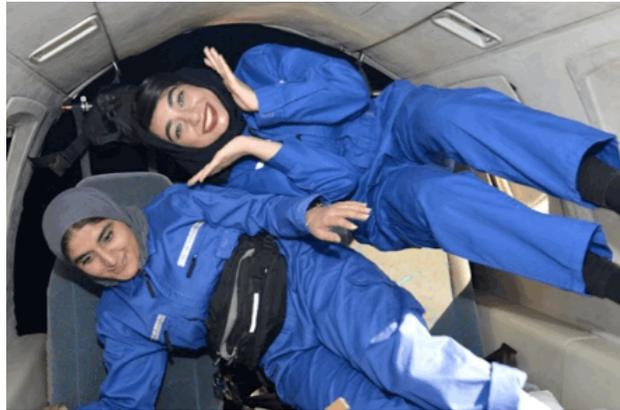
The male sports teams had a very successful year with the following achievements:

- 1st place in Volleyball League ADISL
- 1st place in beach volleyball championship UAE university
- 2nd place in HESF volleyball league
- 3rd place in Taekwondo championship Higher Education Sports Federation (HESF)
- 3rd place in ADISL Basketball League
- 3rd place in ADISL Football League
- 3rd place in ADISL Badminton League
- 3rd place in HESF Badminton Championship
- 3rd place in HESF Swimming Championship

The university team won the following in the Abu Dhabi Athletics Forum:

- 1st place in the high jump student competition
- 2nd place in the high jump student
- 2nd place in the 3,000 m
- 2nd place in the race 100 m
- 2nd place in the triple jump
- 2nd place in the long jump

Four female students from the College of Engineering won first place in the Ideathon competition which was jointly organized with the UAE Space Agency and other partners in Japan whom are all part of the global space congress.



UAEU students won the Robot Programming Competition organized by the Ministry of Human Resources and Emiratisation at the 'Career in Hour' event.

A student from the Chemistry Department won 2nd place in the Environmental and Materials Science Symposium 2017 (EMSS'17).

College of Science students participated with a research poster titled "Novel bis-Schiff bases as potential ionophores for metal ion-selective electrodes", which was ranked 2nd in the best poster competition.



Chemistry student Bashar Hiatham Al Zohily won 1st prize for best poster during Innovation Month 2018.

Ms. Nuha Al Soom, a M.Sc in Chemistry alumna was awarded the 2nd place poster award during the Kuwait Conference of Chemistry (KCC 2018).

A student from the College of Science won the best poster award at the World Congress on Gastroenterology 2017 for their work involving the anti-cancer activity of molecules from saffron.

Hussain Ali Alsmawi, a Mathematical Sciences student at the College of Science, won the Gold Medal in Programming in the Emirates Skills National Competition 2018.

Honoring Ceremony of Dubai Custom intellectual Property Award winners



UAEU health club students won 1st place in the competition "What is Thalassemia?" (educational film category) for higher education institutions, 1st in the most viewed YouTube video and 3rd in UAE Fencing Federation Championship.



UAEU students won 1st place in the Graphic Design Category of 'Ibdaa' Competition for Plastic Arts.

Student Internships and Experiences

Abdulla Al Marzouqi, a Biology student, undertook a 5 week internship last summer at the University of Georgia, USA.

94 College of Education students joined more than 15 kindergartens and schools to do their internship.

All College of Information Technology students spend their last term of studies doing internship at institutions throughout the UAE. Some of which include Abu Dhabi's Smart Solutions and Services Authority "ADSSSA", Emirates Identity Authority (EIDA), Signals Intelligence Agency and Emirates Nuclear Energy Corporation.

14 College of Information Technology students benefited from international internships at Kakao Company in South Korea.

80 sociology students participated in training in institutions such as Social Support, Police Community, Red Crescent, Family Development Foundation, Ministry of Social Community, Al Ain College of Information Technology Municipality, Social Care and Minors Affairs Foundation, Dubai Public Policy Research Centre (Al B'huth), Al Ain Court, and schools.



UAEU students won 1st place award and the golden medal in the "Lamhaa" Photography Award.



UAEU students won 2nd and 3rd place in the national piano competition.



332 students from the College of Business and Economics participated in internships in 124 organizations both inside and outside the UAE. Some other activities of the Internship and Career Development Unit included:

- Abu Dhabi Investment Authority's on campus recruitment of Interns.
- Oxford-Cambridge Summer Scholarship program.
- KPMG case study competition "Ace The Case"
- Student delegates went to Canada and South Korea to participate in the World Model United Nations.

College of Humanities and Social Sciences' students minoring in Korean Language went on an educational trip to Hankuk University of Foreign Studies, South Korea.

53 medical students went overseas to Ireland, Japan, Korea, UK, USA and Australia to do their clinical training program elective.

Student Exchange

College of Information Technology received 40 students and 5 faculty members from Jeju National University.

College of Business and Economics received 5 international students from Montpellier Business School and Rennes Business School, France.

11 students from the College of Business and Economics went abroad: 2 to UMASS Boston, 1 to Waseda Japan, 3 to Hangyang in South Korea, 2 to IESEG Business School and 4 to Rennes Business School in France.

Two male students from College of Business and Economics went to the 2018 Winter Olympic Game Site at Pyeong Chang Seoul, South Korea.

10 students from the College of Humanities and Social Sciences went abroad: 3 went to Ewha Womans University in South Korea, 2 to Waseda University in Japan, 4 to Dankook University in South Korea and 1 to the Universidad Autónoma de Madrid in Spain.

College of Humanities and Social Sciences welcomed a delegation of 10 students and 2 faculty from Tsinghua University.

Scholars Program

Two outstanding students from the College of Education and the College of Science joined the Sheikh Mohamed bin Zayed Scholars Program (SMSP) at New York University Abu Dhabi. The aim of this program is to provide students opportunities to undertake courses in leadership, public speaking, critical thinking, persuasive writing, and US foreign policy delivered by world-renowned scholars. Upon successful completion of the program, scholars will be given a full graduate studies scholarship.



Extra-Curricular Activities

The Sociology Department at the College of Humanities and Social Sciences organized twelve sociology research workshops, inviting several international speakers and local experts including renowned political scientist Prof. Ronald Inglehart.

College of Humanities and Social Sciences organized French Day.

40 College of Humanities and Social Sciences students attended 'Korea - UAE Cultural Exchange Day' with Korean President Moon Jae-in.

Five Political Science students participated in the Future Diplomats Peace Game organized by Emirates Diplomatic Academy.

Political Science Department students visited the Women's Museum in Dubai.

The Political Science department continued organizing its "Political Science's Seminar Series" presented by experts in the following:

- 'Philanthropy and Human Security: What MMCs Could Learn from Each Other'
- 'An Analysis of Educational Language Policy in the UAE Higher Education Institutions'
- 'Innovations in Teaching & Learning: Using "the Cloud" for more Efficient and Effective Learning'

The Fine Arts Minor established a community partnership with Abu Dhabi Art, which allowed them to exhibit student work at key events at Manarat Al Saadiyat.

Under the supervision of Drama instructors, students organized the semi-annual student drama festival.

Geography students participated in the innovative drone workshop entitled: Application in Spatial Analysis: Case of UAEU 3D Model Campus

The Linguistics Department has an active 'Linguistics Club' which arranged field trips to NYU Abu Dhabi, & also to the MRI & MEG labs.

As part of the "Happy College" initiative, the College of Science launched the Sweet Science Lecture Series to highlight important developments in the field of science. 'Cloning: The past, the present and the future' – Prof Salman Ashraf.



College of Education organized Teacher's Day and Happiness Day.

Information Technology organized a trip to GITEX and the International Exhibition of National Security and Resilience.



Some Information Technology students participated in the UAE Hackathon and the Space Hackathon Challenge.

11 Information Technology students present their three projects at The Innovation Exhibition of Al Ain Municipality.

College of Business and Economics organized “Entrepreneurship Day”, with the participation of Dr. Ayman El Tarabishy, (ICSB Executive Director), USA, Mr. Per Ekman Vice President – Middle East and North Africa HMD/Nokia, and Mr. Khaled Al Marzooqi from Khalifa Fund.

As part of the UAEU Innovation Week, the Chemistry Department organized a competition to increase awareness and knowledge of Chemistry among undergraduate Chemistry students. Teams were made of 2 students who were challenged with General Chemistry questions. The winning team was awarded with prizes.

The Geology Department launched the mobile innovation lab with field tools such as geophysical surveys, water salinity measurement equipment, microscope, computer and LCD screens as well as lighting for nighttime field work and dynamo to supply power for the devices.



College of Science launched a new Chemistry Innovation Hub which includes several sections; one as a scientific challenge area in Chemistry and recreational learning. Another area was devoted to virtual reality tools, which includes a three-dimensional view of scientific lessons and facts. In addition, a special area was designed as a library and a reading corner called “Zayed Planting” in commemoration of the country’s founding father Sheikh Zayed. The hub also includes the “Chemistry Cafe” area, which was especially designed to attract students to utilize the facilities of the hub, towards making it a vibrant student activity center for Chemistry.

Student Research Involvement

Students from various colleges are working with faculty members on center-based projects as research assistants.

30 students from the College of Information Technology, 55 students from the College of Business and Economics and 20 students from the College of Humanities and Social Sciences participated in the SURE+ research program. were involved in research through their participation in the SURE+ research program.

The Special Education Department recruited undergraduate and graduate students to work as research assistants in internally and externally funded research projects. The College of Education Students Affairs Unit organized an Undergraduate Research Contest to encourage students to show their research skills.

The College of Science organized a poster exhibition where all SURE+ 2017 participants presented their projects.



Biology students presented their work at the Ajman 5th International Environment Conference on Climate Change and Sustainability.

73 Sociology students presented their posters at the College of Humanities and Social Sciences Scientific Day.

Dr. Mahmoud Al Naamneh from College of Humanities and Social Sciences employed two research assistants and 15 undergraduate students to help in the data collection stage.

Two students from the Political Science Department worked jointly with other students from around the world in working on “Decentralized Energy System research during their exchange program at Tsinghua University, China.

PhD. student from the Mass Communication Department presented his research “Factors Influencing Audience Engagement in Instagram News Producers Accounts: A Case in the UAE” at the annual conference of the International Association for Media and Communication Research, IAMCR 2018, in Eugene, Oregon.

Geography students presented their submarine project during their scientific visit to Thales Wave Laboratories in Brest, France.

Geography students presented their research projects in GIS Day at Sharjah Electric College of Information Technology and Water Authority (SEWA) and at GITEX on Mobile Smart Submarine for Environmental and Military Applications, and the 3D Interactive Campus Model Map for United Arab Emirates University created using drones.

14 research assistants (undergraduate and graduate students) have been hired by the Linguistics Department to help in conducting linguistic research.

TA Program

College of Information Technology recruited a new TA in the Department of Information Systems and Security and one of the Information Technology TAs was accepted to do her PhD at the University of Western Ontario in the area of Software Engineering.

Curriculum Development and Academic Quality Assurance

College of Business and Economics submitted this year a proposal for a minor in Entrepreneurship.

College of Information Technology introduced a new minor in Artificial Intelligence and is developing a new Master's Programs in the area of Data Analytics and the Internet of Things (IoT).

A PhD in Law was approved by WASC.

Innovation & Impact

Patents

53 new patent applications were filed in 2017 with 18 patents granted.

Patents Granted in 2017					
	Title	Country	Inventor	Co-Inventor/s	College
1	Alpha-Synuclein Antibodies and uses thereof	US	Omar El-Agnaf		CMHS
2	Alpha-Synuclein Antibodies and uses thereof	Japan	Omar Agnaf		CMHS
3	A Device for Performing Multiple Optical Operations in Communication Network	US	Usama Al Khawaja		COS
4	Red Palm Weevil Sensing and Control System	US	Yousef Haik		COE
5	Lower Extremity Vehicle Navigation Control System	Japan	Reem Al marzouqp	Hazem Elshorbagy, Husam Haboush, Yousef Haik	COE
6	Serviceable Bioreactor	US	Ali Abdullah Alnaqbi	Abdel-Hamid Mourad	COE
7	Date Pit Composition for the Treatment of Animals	US	Ahmed Soliman Hussein	Ibrahim Hassan Belal, Salem Rashed ali Alyalyali, Khaled Abas el Tarabily	CFA

8	Semiconducting Polymer	China	Yousef Haik	Ahmad Ibrahim Ayesh, Mahmood Allawy Mohsin	COE
9	Method and System for Forecasting Future Events	US	Jose Lopez	Zayed Mohammed Almesabi, Dmitry Efimov, Mohammed Abdulla Al Shamisi, Mohammed Gharib AlSaedi, Ahmed Musallem AlMuharami, Saeed Rashed AlShemali	CIT
10	Substituted Pyridine Derivatives Useful in the Treatment of Cancer	UK	Ibrahim Mahmoud Abdou	Alaa Eldin Abdel Aziz Salem, Abdu Adem, Hussein F Zhodi, Hany Abdel Aziz El Deab	COS
11	Process for the Preparation of a Product Comprising Modified Sulfur	Europe	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
12	Method for Treating Particulate Material	GCC	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
13	System for Contacting Gases and Liquids	US	Muftah El-Naas		COE
14	Automatic Firing Apparatus and Method	US	Ibrahim Al Abdouli	Mohammad Arbabi, Saleh Al Marri, Basel Al Sayyed	COE
15	Safety Helmet and Vehicle System Circuit and Device	US	Basel Alsayyed Ahmad	Ahmed Altelbani	COE
16	Automatic Firing Apparatus and Method	US	Ibrahim Al Abdouli	Mohammad Arbabi, Saleh Al Marri, Basel Al Sayyed	COE
17	A system for converting thermal energy into electrical energy	GCC	Yosef Al Jasem	Thies Thiemann	COS
18	Self-Powered Vibrational Energy Harvesting	US	Mahmoud Al Ahmad	Baker Mahmmad (KU)	COE

Research Partnerships (Industrial and Academic)

An example of some of our research partnerships includes:

Faculty	College/Dept	Partnership with	Title	Company
Aqil Kazim	CHSS	Dubai Government, Human Resources Department	Project Venus: Public Policy Development to Increase Fertility Rates in Dubai	Municipality of Abu Dhabi College of Information Technology
Dr. Mohammed Aboelenein	CHSS	Sultan Qaboos University	Potentials and obstacles of scientific research in higher educational institutions in UAE and Sultanate of .Oman	Al Jalila Foundation
Dr. Tatiana Karabchuk	CHSS	.	World Value Survey	Environment Agency of Abu Dhabi
.	Dubai Public Policy Center	Munjed Maraqa	COE	Municipality of Abu Dhabi College of Information Technology
.	Laboratory for Comparative Social Research at National Research University Higher School of Economics	Sammera Al Zarouni	COE	GSE Council
.	Pew Research Center (under development)	Sehamuddin Galadari	CMHS	Al Jalila Foundation
.	Institute for Economic Research at Hitotsubashi University	Thomas Adrian	CMHS	Al Jalila Foundation
.	National Center for Public Opinion (Research, Russia (WCIOM	Yousef Haik	COE	Exeed Industries LLC

•	University of Michigan	Yusra Ethidaia Elobaid	CMHS	Ministry of Culture, Youth and Community Development
•	University of Bamberg	Tom Loney	CMHS	1- IOSH
•	World Association for Public Opinion Research			
Dr. Shujun Jian				
	CHSS	•	Hong Kong Baptist University Faculty Research Grant, Hong Kong	
•	School of Journalism and Communication, Tsinghua University			
	An experiment on perception of Belt and Road Initiative by Chinese and UAE students			
	College of Education		University of Helsinki, Finland	
	STEAM Education Center Project			
		University of Hamburg, Germany	Education for Sustainable Development Project	
	Center for Public Policy and Leadership	UNDP	Generation of the UAE Human Development Report	

	College of Information Technology	Etimad	Research & Development in the area of .Robotics and AI
	COE	University of Melbourne	Evaluation of 20 schools by center for positive psychology(CPP)
	COE	Harvard University	Structural condition assessment 7 survey of school in UAE
	COE	ICARDA	Development of sustainable date palm production system in the GCC



College of Information Technology & Etimad for Research and Development signing a partnership agreement

Research Output

Overall the university produced the following:

DOCUMENT TYPE	(2018 Until April) 2017
Article	535
Conference Paper	96
Article in Press	251
Review	48
Letter	4
Editorial	5
Note	5
Erratum	3
Book	1
Book Chapter	15
Total	963

There was more than 813 ongoing research projects in 2017 which is broken down as follows:

Internal Research

Type of Fund	Projects
UPAR	205
Center Based	152
Start up	176
+SURE	251
UAEU-SQU	29

External Research

Type of Fund	Projects
Center Based	11
Faculty Research	50

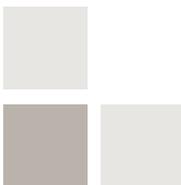
Research Funding

A total of AED 43,563,676 was allocated to internal research grants in 2017 and AED 31,119,187.70 for external research grants.

Research Projects & Impact

College of Humanities and Social Sciences developed Emirati Arabic Language Acquisition Corpus (EMALAC) and Emirati Arabic Corpus (EAC) which consist of an adult corpus of Emirati Arabic (EAC) and a longitudinal study of child Emirati Arabic (EMALAC).

Center for Public Policy and Leadership completed the Human Development Report for the UAE in collaboration with UNDP. The report is recognized as a road map for the policy makers work that aims at consolidating the sustainable development in the UAE



Below are Examples of research projects being conducted at the College of Information Technology:

- Internet of Things Network Management for Smart Healthcare System
- Routing Unmanned Transporting Vehicles with Big Transportation Data
- Understanding Radicalization/Counter-radicalization Communication on Social Media: A Computational Approach
- Health Monitoring System for Modeling Individual Exposure to Environmental Triggers of Asthma Episodes in the United Arab Emirates
- Internet of Things Network Management for Smart Healthcare System
- Using estimation theory to design efficient secure multiparty computations
- Organization of proCollege of Educationres for information retrieval towards intelligent computational systems
- Infosphere: Semantic Web for Bioinformatics
- Increase the exploitation of Mars data using Machine Learning
- Social Network based solution for obesity awareness, monitoring, and prevention in the UAE

Research Centers and Science & Innovation Park

Date Palm Research and Development Unit

The Sixth International Date Palm Conference was held from 19-21 March 2018.

The Date Palm Research and Development Unit donated 2,700 date palm plants to the community.

National Space Science and Technology Center

The National Space Science and Technology Center (NSSTC) signed MOUs with the UAE Space Agency and the University of Colorado Boulder.

Students were involved with the following research projects:

Design, Development, and Analysis of 3U Cubesat Project

It aims to create, develop and analyze via 3U CubeSat: the first satellite developed by UAEU.

Design, Build, and Test of Mars Vehicle

The primary aim of this project is to design a vehicle that will be able to carry astronauts from one location to another to allow easy transportation.

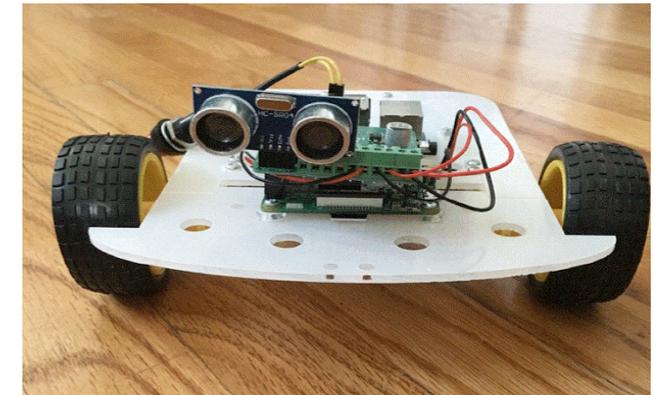
Increase the exploitation of Mars data using Machine Learning

To discover past or present life on Mars, students propose the development of automated machine learning techniques to validate the quality of the images, to extract detailed information (such as climate change effects), and to convert the images into a 3D format for improved analysis and exploration.

Design and development of an educational mobile app to raise awareness, knowledge, and interest of young children about space science, and the Mars mission

Mars Science and Rover Training

Over three days, 21 students were instructed by a Mars Space Scientist from the Jet Propulsion Laboratory on the development of a compact, computer-controlled rover.



4- days HEPTA-Sat Hands-on Training

UAE nationals engineering students (electrical, communications and mechanical) and one NSSTC staff were trained by Prof. Masahiko Yamazaki and Mr. Kohei Yoshimitsu from UNISEC (University Space Engineering Consortium, Japan). Trainees had the experience of assembly, integration and test of satellite development process using HEPTA-Sat.





One Day Mini-Symposium on Mars in collaboration with College of Sciences

A symposium on 'Probing the Environment of Planet Mars: Past, present, and future of our next door neighbor in Space' with international Keynote Speakers: Prof. Bruce Jakosky (University of Colorado, NASA, USA) and Dr. Luca Montabone (Space Science Institute, NASA, USA) and special guest: NASA Apollo 15 Astronaut, Alfred Worden.

An introduction to the day in the life of a planetary scientist and systems engineer. Dr. Danielle Nuding, a NASA scientist and engineer, shared the path that led her to a career in Mars exploration and shared with participant's information about the past, present, and future of Mars science exploration.



Dr. Loredana Santo, Professor, Department of Industrial Engineering, University of Rome Tor Vergata, Italy, showed different methodologies and results on Manufacturing of Smart Structures for Space Applications.

Space Innovation Day

The Space Innovation Day focused on explaining the basics needed to be a "rocket scientist", with influential speakers including: Alia Al Mansoori; UAE Genes in Space winner 2017, Danielle Nuding; NASA scientist and engineer and Brian Schratz; Optical and RF Telecommunications Engineer at Jet Propulsion Laboratory.



Zayed Bin Sulthan Al Nahyan Center for Health Sciences

The University funded 12 new research projects at Zayed Bin Sulthan Al Nahyan Center for Health Sciences some of which included:

1. Project Title: Establishing the cellular mechanisms of mutations underlying GM1-gangliosidosis and evaluating chemical chaperones as novel therapeutics for lysosomal storage diseases.
2. Project Title: Deciphering the Use of Origanum Majorana Oil in Lung Cancer Therapy.
3. Project Title: The burden and molecular epidemiology of hepatitis E infection in the Emirate of Abu Dhabi, UAE.
4. Project Title: Occupational Eye hazards among small-scale welders and carpenters in Al Ain, UAE.
5. Project Title: Hybrid Compounds as Potential Combatants against Drug-Resistant Microbes.

Emirates Institute for Learning Outcomes Assessment

EILOA is currently pursuing the following research projects:

1. Examining how to embed 'Happiness' as a student learning outcome within the UAE.
2. Launched a special issue with AACSB (the top ranked Business Accreditation Organization), in the Journal of Economic and Administrative Sciences, on the theme of "The future of business education: relevance, impact and accreditation.

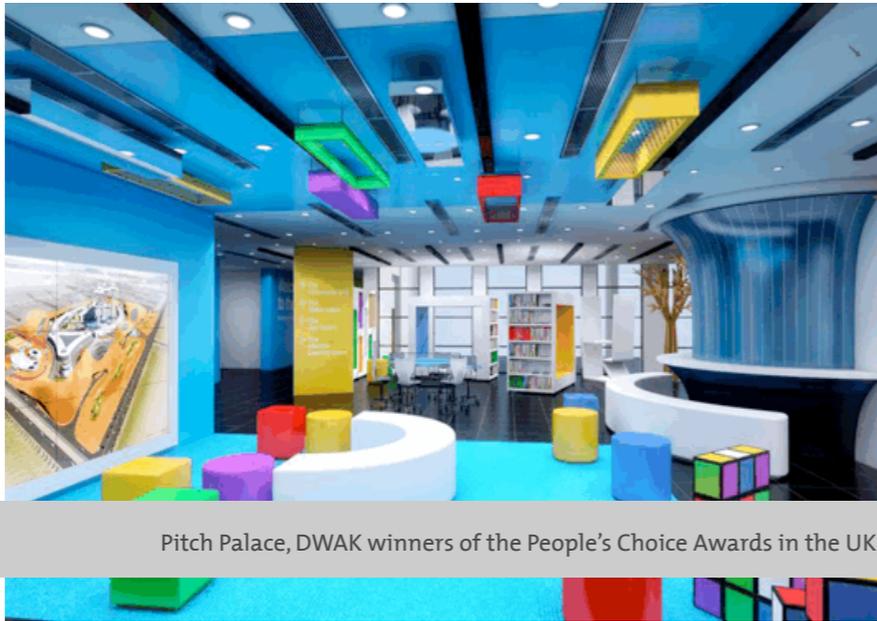
Emirates Center for Energy and Environment Research

International research collaboration with the University of Maryland.

Received an external grant from ADNOC (PI/ADCO) for conventional energy track (Oil/Gas) titled 'The Potential of Smart Water Flooding in ASAB Field'.

UAEU Science & Innovation Park

UAEU SIP in partnership with Al Bayt Mitwahid, Google and Department of Education and Knowledge (ADEK), developed an Innovation Hub, based at the UAEU Science & Innovation park. The hub is a state-of-the-art facility that offers an array of unique courses to the youth that includes Android app development, virtual reality, robotics, machine learning, and 3D printing.



Pitch Palace, DWAK winners of the People's Choice Awards in the UK.

Student & Faculty Awards for Research

Dr. Clara Morgan from the College of Humanities and Social Sciences was awarded best research article titled “Global Competition, Coloniality, and the Geopolitics of Knowledge on Higher Education” which was organized by the Comparative and International Education Society Higher Education (HESIG).

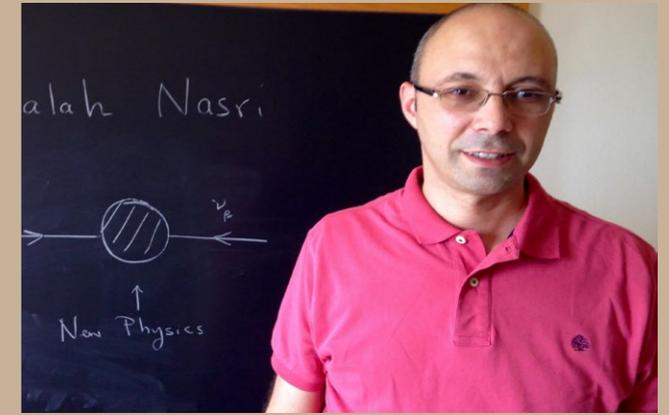
Prof. Usama Al-Khawaja, Chairman of the Physics Department, was the winner of the prestigious Khalifa Award of Education in the category: University Distinguished Professor in Scientific Research.

Dr. AbdelMajeed Saif Alkhajeh (Biology) won 1st place in the Al Owais Creative Award Round 25 for 2018 “Best Research for National UAE Scientists in the field of Applied Studies (Agricultural and Food Sciences)”. The title of the winning topic was: “Application of fish emulsion and beneficial hormone-producing bacteria to promote the growth of mangrove plants in the UAE”.

Dr. Khaled El-Tarabily (Biology) won the first place in Al Owais Creative Award Round 25 for 2018 “Best Research about the UAE in the field of Applied Studies (Agricultural and Food Sciences)”. The title of the winning topic was: “Innovative approach to increase biofuel production from the saltwater crop Salicornia plants utilizing beneficial endophytic bacteria in the United Arab Emirates.”



Dr. Salah Nasri (Physics, College of Science) received a 5-year ICTP Associate Award (2018-2023) from the International Center for Theoretical Physics in Italy. This is a highly competitive award given to scholars who have contributed significantly in the field of Particle Physics and College of Sciencemology. He is the first physicist in the UAE to become an ICTP Associate. The Award will allow him to spend up to 45 days per year at the ICTP (with all expenses covered by the ICTP), where he will be attending and participating in different scientific activities (conferences, workshops, etc.) that will be hosted at the Center.



UAEU researchers won first place in both categories of faculty and student research at the FAHR awards on issues related to Human Resources and labour markets in the UAE.

Two teams from College of Information Technology came 3rd in two different categories at Think Science 2018.

Dr Wasseem Mina from College of Business and Economics received the best paper award at the International Council for Small Business 2015 World Conference, Dubai, UAE, for the paper entitled “But Most of All We Love Each Other: Does Social Cohesion Pay Off? Evidence from FDI Flows to Middle Income Countries”.

MBA students Muna Al Dahmani and Nawal Al Hammadi won 2nd place for Best Student Academic Research Award in Human Resource, in the The Federal Authority for Government Human Resources (FAHR) competition.

MOUs

The College of Humanities and Social Sciences signed several MOUs with the following: Alliance Française, Abu Dhabi, Dubai Public Policy Center (B'huth), Zhejiang University Academy of Social Sciences, Institute of Philosophy at the Chinese Academy of Social Sciences, New York University, Abu Dhabi, Guggenheim Abu Dhabi, Geneva University, Ministry of community developments, etc.

The College of Science signed an MOU with the University of Salento, Lecce, Italy. The MOU was established with the following aims: (1) establishing scientific research cooperation between the participating institutions, (2) supporting marine coastal collaborative research with state-of-the-art technologies and mutual exchange of scientists based on financed projects, (3) sharing logistical and in-kind contribution to multidisciplinary research proposals of common interest, (4) organizing training courses and workshops in the field of marine microbiology and related environmental fields that help in knowledge transfer to UAEU, (5) sharing supervision of postgraduate students and initiating practical research proposals that allow students to work in both institutions, and (6) encouraging authorship of scientific publications for the above-mentioned collaborative research programmes.

College of Science also signed an MOU with Sandoq Al Watan, Sandoq Al Watan for scholarships to undertake two research projects and they also helped organize the UAE Programmer Initiative at UAEU for providing computer programming sessions to school children on 31 March 2018.

College of Education signed an agreement with Zayed Higher Organization on working together on developing a standardized behavioral scale for all students in the UAE. A recent MOU was also signed between the College of Education and Department of Education and Knowledge (ADEK) to conduct professional development program for Department of Education and Knowledge (ADEK) teachers.

As part of an agreement signed between the UAEU and Huawei, the College of Information Technology will be hosting a Huawei Networking Academy.



College of Information Technology also formed a strategic partnership agreement with Al-Ain Municipality for the introduction of AI in the form of a Robot in the area of customer service at the Municipality.

The research office signed the following agreements in 2017:

S.No	Project Title	Company
1	Cooperation Agreement between UAEU and UVMB.	UVMB
2	MOU between UAEU and Dubai Public Policy Research Centre.	B'huth ,UAE
3	MOU between UAEU and ADEC and Al Bayt Mitwahid.	ADEC& Al Bayt Mitwahid
4	MOU between UAEU and Khalifa International Award For Date Palm and Agricultural Innovation.	Khalifa International Award For Date Palm and Agricultural Innovation.
5	MOU between UAEU & TRA and HUAWEI.	TRA&HUAWEI
6	MOU between UAEU and Ministry of Energy	Ministry of Energy, UAE
7	Agreement of Cooperation Between UAEU and University of LA VERNE,USA.	University of LA VERNE ,USA
8	MOU between UAEU and National center for Happiness and Positivity	National center for Happiness and Positivity, UAE CABINET
9	Agreement on Academic Exchange.	University of Tokyo, JAPAN
10	MOU on Academic Exchange Between UAEU and HOKKAIDO University .	HOKKAIDO University, JAPAN
11	Modification of Agreement with Boston Children's Hospital.	Boston Children's Hospital ,USA

Global Engagement

Rankings

Computer Science at the College of Information Technology was ranked 451-500 based on the QS ranking for 2018.

University, College & Program Accreditation

The Health and Physical Education program in the College of Education received accreditation from CAA.

The College of Engineering received CAA accreditation for all 7 undergraduate and 8 graduate programs and ABET accreditation for all 7 undergraduate programs.

The College of Information Technology was awarded the ABET re-accreditation for its BSc in IT program for an additional six years.

International Conferences

The Philosophy Department organized two international conferences at UAEU: the Third Joint Social Robotics Conference (in conjunction with NYUAD) and the First Global Philosophy Symposium (in conjunction with the Institute of Philosophy at the Chinese Academy of Social Sciences).

The College of Science organized the Fourth International Conference on Engineering Geophysics which was opened by His Highness Sheikh Hazza Bin Tahnoun Al Nahyan.



College of Science also organized Groups, Group Rings, and Related Topics – 2017.

International Collaboration Agreements

The Special Education Department collaborated with Arizona University and Professor June Maker, a specialist in gifted education programs, for faculty training to implement the Discover Program.

Faculty members from the College of Information Technology established research based collaboration with other peers from the following institutions: The National University of Singapore, Nanyang Technological University, Boston University, Queen Mary University of London, The University of Maryland, McGill University, University of New South Wales, University of Oslo, University of California Davis, University of Technology Sydney, University of Toronto, Indian Institute of Technology Guwahati, Kuwait University, Sultan Qaboos University, ShanghaiTech University.

International Faculty Links; Distinguished Professors & Researchers

Prof. Abbas Khalil (Chemistry, College of Science) was awarded a one-month Visiting Researcher Fellowship from the Japan Society for Promotion of Science (JSPS).

Center for Public Policy and Leadership has hosted the Vice President of the World Bank, Dr. Mahmoud Mohieldin for 2 lectures on: Sustainable Development: Reality and Ambition and Development and Disruptive Technology.

Dr Adriana Gabor from the Department of Business Administration, visited the MIT Center for Transportation and Logistics to work with Dr. Eva Ponce on a paper regarding the network design for omni-channel retailers, that is, retailers that sell their products both online and via brick and mortar shops.

Professor Abdunasser Hatemi, Economics and Finance Department, visited Griffith Business School in Australia to collaborate with Professor Eduardo Roca on a research project on the asymmetric optimal hedge ratios.

College of Engineering collaborated with 47 regional and international universities on research publications.

The following professors/researchers visited the UAEU and gave presentations:

- Prof. Boualem Benattallah, University of New South Wales, Sydney, Australia
- Dr. Kaoutar El Maghraoui, Research Scientist at IBM Research, USA.
- Several lectures by faculty members from Jeju National University during their 10 day visit to the College of Information Technology, Jan/Feb, 2018.
- Dr. Ahmed Moustafa, an expert in computational modeling of neural diseases, Western Sydney University, Australia

Dr. Brent Madison, College of Humanities and Social Sciences received an invitation to co-author a book with Dr. Clayton Littlejohn of Kings College London while Dr. William McDonald co-edited a book, and co-authored the introduction and a chapter of that book, with Professor Andrew Burgess of the University of New Mexico. Dr. William McDonald has also been invited to contribute a book chapter to an anthology to be edited by Dr. Josefa Ros Velasco of Harvard University;

The Geography Department formed a research collaboration with researchers from the Remote Sensing Center of Japan, the University of North Carolina, University of Alcalá in Spain, and Universidad Federal de Ceará in Brazil.



Community Outreach/

Community Connections

Community Outreach Initiatives/ Volunteering

Political Science Students volunteered in organizing the World Government Summit, which was held in Dubai and also volunteered in organizing the Fourth Abu Dhabi Strategic Debate 2017.



Dr. Shujun Jiang volunteered in teaching a Chinese Art and Culture class at Zayed University.

The Geography Department presented several talks, workshops, and campaigns for different government and private entities, and high school and university students.

Center for Public Policy and Leadership has held a lecture at Abu Dhabi Chamber to stimulate creative thoughts among entrepreneurs.

The Assessment and Remedial Unit (ARU) offers evaluation and intervention services for the local UAE community. During 2017 – 2018, the ARU assessed 120 children.

College of Information Technology organized the 10th IT Marathon where 500 students participated in competitions at the College.

The Student Happiness Center had 289 student volunteers.

The Physics Department, College of Science, organized a one-day student event called “SpaceConnect” to give students some knowledge and understanding of different aspects of Astronomy/Astrophysics, Space Science and Space Technology in an intuitive, interactive and fun-filled way.



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College of Medicine and Health Sciences participated in a number of community outreach initiatives that included Breast Cancer Awareness Day, “Warm a Heart with a Winter Coat” Red Crescent Donations, Doctor’s Day in Al Ain Hospital, Giving Dish initiative, Happiness Day, Martyr’s Day and Appreciation Notes Initiative.

Training & Consultancy

College of Information Technology have provided consultancy and training to a number of companies, some of which include Etimad R&D (project to build Avatar robot), Al Ain Municipality (project to build receptionist robot “Nashmi”) and advisory services to awok.com, Dubai on Data Science, design thinking.

College of Business and Economics faculty provided consultancy for the “Dubai Excellence Award”, the Ministry of Presidential Affairs and Awqaf and Minors foundation.

The College of Science hosted a GCC Dams Experts Meeting to discuss vital issues related to water security and to find innovative, sustainable, research-based solutions that can contribute to water security and increase groundwater levels.

Continuing Education Center

Continuing Education Center organized a language trip to Manchester in the UK for employees and students to enhance their English.

16 students participated in the “Korean Language & Culture Program” held in the summer – 2017 to enhance their Korean language skills. The program included a trip to Korea to learn about the Korean culture.

Organized in collaboration with Abu Dhabi Education Council (ADEC) a summer program for high school students that included specialized courses in English & IELTS preparation and a number of technical courses, such as 3D printing, video animation courses, and computer programming courses.

They launched a number of innovation programs such as Gamification and Unleash Your Innovation Mindset in collaboration with the International Council for Small Business (ICSB) as well as launching ‘The Arabic for Diplomats’ course designed to develop the Arabic language skills required by diplomats in their daily operation of their office.

The Continuing Education Center delivered a workshop “Communicate better with deaf people” to teach sign language.

School Outreach Programs

Members of the Readers Club visited local schools during both terms to advocate the importance of reading.

The Geography Department offered a range of outreach activities, workshops and events for school students related to the field of Geography and Urban Planning.

College of Information Technology received hundreds of students from schools during College organized events such as IT Marathon, IT Open Day and Industry and Innovation Day.

The Chemistry Department at the College of Science received high school students from Al-Khair high school.

Conferences & Events



College of Science conducted training workshops during the Fourth Arab Gulf Education Forum which is an important training platform for teachers. Teachers were invited to an exhibition of the Museum of Geology, a geological excursion to the mountains of Al Fayiah and an entertaining Physics Gallery was also organized for 3000 teachers and mentors who attended the Forum.

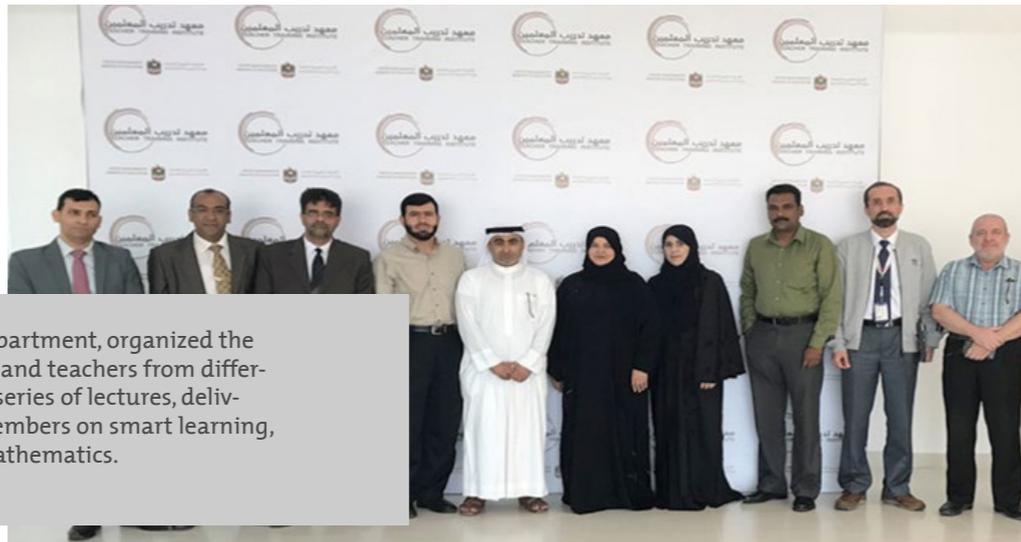
The Translation Studies department organized the “Translation in the New Millennium Symposium” in collaboration with the Kalima Project, Tourism and Culture Authority.

College of Humanities and Social Sciences hosted a workshop on multi-media story telling in conjunction with ADMAF.

The Philosophy Department hosts an ongoing Research Seminar Series, which brings scholars from the region and around the globe to share cutting-edge knowledge and ideas with faculty and students.

The English Literature Department offered a series of Fine Arts workshops, including canvas stretching, photography, painting, and sculpture, as well as workshops in Pop-Up illustration and bookmark making.

The Physics Department in collaboration with the National Space Science and Technology Centre (NSSTC) organized a very successful symposium on planet Mars titled: “Probing the Environment of Planet Mars: Past, Present Future of Our Next-door Neighbor in Space.”



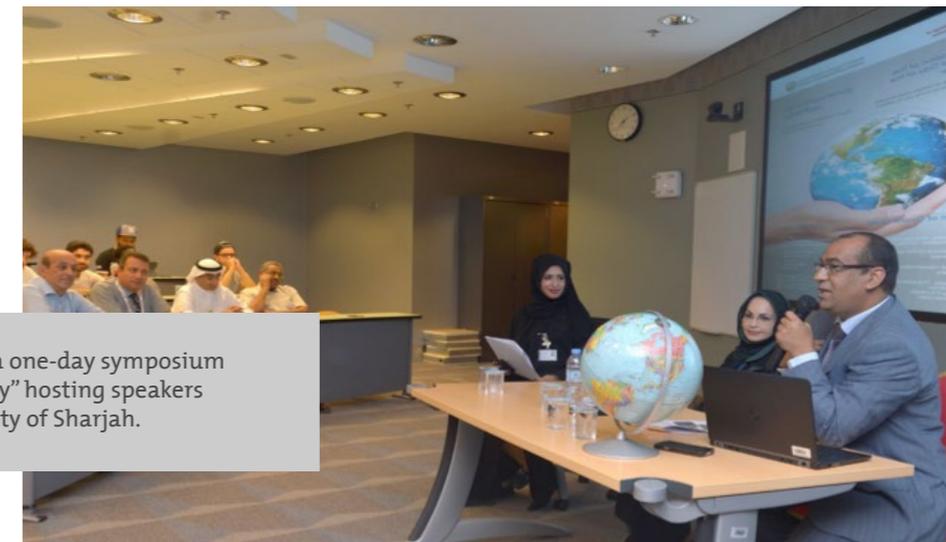
The Mathematical Sciences Department, organized the 14th Math Day where students and teachers from different Emirates participated in a series of lectures, delivered by a number of faculty members on smart learning, creativity and innovation in mathematics.



On the 30th anniversary of the International Ozone Day, the College of Science organized an interactive panel discussion for the preservation of the ozone layer and to illustrate the importance of the ozone layer.



Fifty school students from Al Madar School students visited the Geology Department's laboratories.



The Chemistry Department organized a one-day symposium entitled: “ACS-UAEU Photochemistry Day” hosting speakers from France and the American University of Sharjah.

In connection with re- designing the National Medical Library space, a plan for how to start utilizing the library for displaying student and faculty research output through innovative and learning engaging exhibitions was developed. The first exhibition: “Research as Art”, was opened.



College of Information Technology organized a workshop on Robotics and Real World Innovative Applications in Health Care in collaboration with the Brain Science Institute, RIKEN, Japan, University of Technology Sydney, Australia and NYU Abu Dhabi.

College of Information Technology organized a workshop on Drones Autonomous Systems: Research Trends and Applications during innovation week.



College of Information Technology also organized a two-day Boot camp on: Internet of Things (IoT) Connected Cars, Solutions using Practical Approaches, Data Science and Big Data Analytics, and Cloud Computing.

The College of Information Technology and Jeju National University of South Korea organized a distinguished seminar on: Security for the 4th Industrial Revolution.

College of Information Technology organized a workshop in collaboration with ADEK and UT Dallas titled “Intelligent Healthcare Workshop”.



College of Information Technology organized IT Industry Innovation Exhibition to raise awareness about Information Technology (IT) latest innovations to students in addition to the crucial role IT plays. Students are exposed to government and private IT organization to build awareness, interest, and internship or sponsorship ties.



College of Information Technology hosted the IT Marathon (Event Theme: Artificial Intelligence for Better Living) which is an annual competition for school students throughout the UAE.



Flag Day at the United Arab Emirates University



The Student Happiness Center organized an event called we light your life.

There was also a number of workshops and health education events organized by health services.



Anemia awareness



Dietitian Day

The Year of Giving & The Year of Zayed

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UAEU Student showcases his photography as part of the Year of Giving.



The College of Education organized a Day of Giving for Special Education.

The Department of Special Education organized a seminar regarding The Year of Zayed, by inviting female leaders who already graduated from UAEU to talk about Zayed's role in supporting women in UAE.

The Sociology Department collaborated with Emirates Heritage Club (ZSR-Center) and Sultan Bin Zayed Centre, in a seminar titled: "Zayed and the Social Construction of the UAE Society".

College of Humanities and Social Sciences students participated in a Fun Day under the Year of Zayed, Zayed Daughters Campaign, UAE in Our Eye on the UAEU World Heritage Day and Multimedia Storytelling under the theme of Year of Zayed co-sponsored by ADMAF.

The Minor in Fine Arts hosted a Year-of-Zayed student art exhibition, in the presence of guest artist Mariam Al Qassimi.

The Geography and Urban Planning Department organized a lecture on The Problem of Literacy and Development, and presented a documentary video about Sheikh Zayed and Education in the UAE. They also organized a lecture for AL Tafawof High School students entitled "H.H. Sheikh Zayed Bin Sultan: The Father, The Teacher, The Leader" and an event titled "Zayed and Water Sustainability".



The College of Science launched several initiatives to celebrate the Year of Zayed. This included the launch of a permanent exhibition, library and a regular dialogue series based on Sheikh Zayed's immense contribution.

The College of Humanities and Social Sciences organized a lecture on, 'The Image of Sheikh Zayed in Emirati Poetry: a Book of Verse by Bu Shehab.'



UAEU launched the activities of the event 'Zayed Life: Agriculture and Environment'.



Investments & Financials

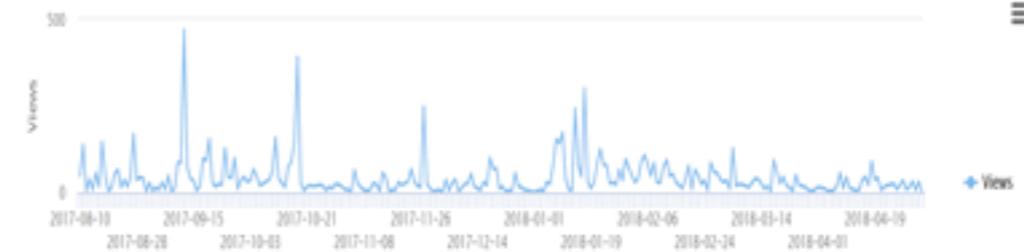
Technological Transformation

The Department of Information Technology carried out a number of upgrades and technological improvements that included an online application for student field trips, a graduation projects management system, newsletter mailing list subscription, a research grant management solution, developed a UAE Research Equipment Sharing Portal for industry and other educational institutes, banner HR integration with FAHR, and the installation of a print management system.

The university also launched a new modern, informative and user-friendly website with increased features for accessibility.

The libraries subscribed to LibGuides to support the research and study needs of scholars in a range of disciplines. 7 guides including Mobile Apps, Systematic Review Services, USMLE and Board Exams, Point of Care Tools, Course Resources etc. have been completed by the National Medical Library (NML) up until May 2018 with more than 11 000 views since the first guide was published in June 2017.

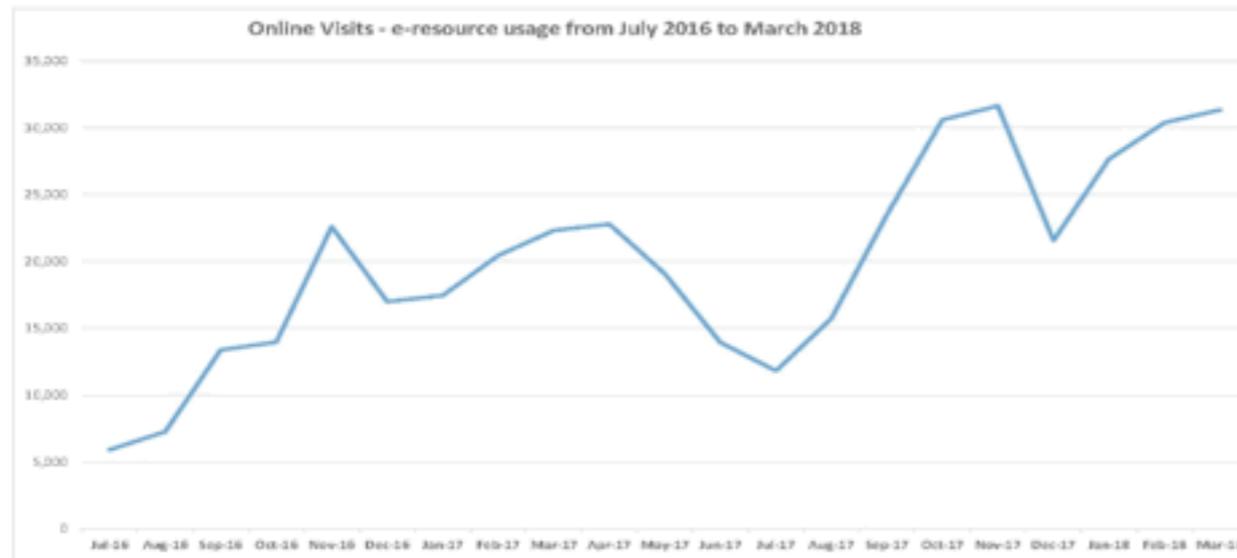
User statistics for all NML LibGuides in the period of June 2017- April 2018



New e-resource collections were added including: the Gallup databases (in support of the research by the Emirates Centre for Happiness Research); Digital Theatre Plus (in support of an engagement strategy and teaching and learning for the College of Humanities & Social Sciences); Wharton RDS, Passport, INFORMS databases, covering the subjects of finance, marketing, and operations, (all for the College of Business and Economics); Lexis Library and LexisNexis JurisClasseur (for the College of Law); and OnePetro (for the College of Engineering).

Use of the libraries' resources show an increased number of visits (more than 50%) and increased downloads (c. 30%) since 2016.

The graph shows that on-line visits are dramatically increasing

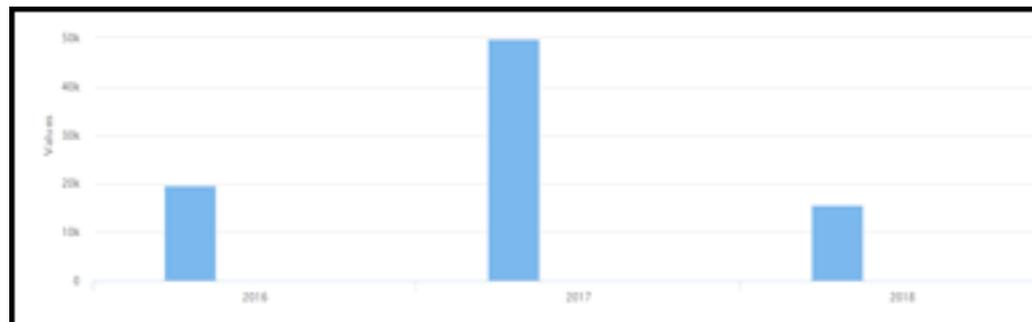


Information Literacy programs conducted by the main library staff provided training for more than 3,000 students across 140 sessions in the Fall and Spring Semesters of 2017-18.

The National Medical Library provided workshops and course embedded information literacy sessions to students at the medical program and to post graduates. A total of 32 sessions, reaching 323 of the students were conducted in 2017/18.

Targeting e- books specifically in 2017, the number of downloads increased with 152.7% in 2017 compare to 2016.

E- book content access and downloads 2016-2018*



*up until March 31, 2018.

The College of Medicine and Health Sciences invested in an examination software from Speedwell Inc. to streamline the exam delivery as well create question banks with different levels of tagging. The software also has an OSCE module to allow administering OSCE exams for clinical students.

Infrastructure Development

The College of Information Technology established three research group labs for Data Science, Cyber Security and Connected Autonomous Intelligent Systems and upgraded the robotics and drones lab with new equipment.

A High-Performance Computing Solution has been implemented in the data center in order to support the computing requirements of all UAEU researchers. A 45 Teraflops performance with 34, this helps UAEU in:

- Supporting a broad range of research projects across the University.
- Provides researchers with the resources they need to answer complex questions in science, engineering and mathematics.
- Saving time and College of Sciencet with faster processing abilities, researches are able to deliver faster results and using a centralized software and computing resources.

Upgraded the Wired network of UAEU campus with new state of the art CISCO switches and upgrading the backbone connections from 10Gbps to 80Gbps for all buildings.

Built on Green Data Center - 90% of the servers are running on a virtual platform.

Extended Outdoor Wi-Fi to 60% with the aim to reach 100%.

Replace 25 old buses and use Compressed Natural Gas in vehicles

Construction of a beach volleyball court in Sih Ben Amar hostel and upgraded the football pitch.

Built a new gym in Tawam hostel.

Developed a new building for the Publications Unit.

Re-organization and re-furnishing of library was carried out.

Business/Resource Improvement

The university implemented a Compass Asset Management System using RFID (Radio Frequency Identifier) tags that are used to track and manage assets.

The university launched the "University of the Future" project; a multi-phase project that aims to re-envision the future of UAEU in becoming a world-class, university of the future and in reaching its future aspiration in becoming: "The first world-class university in the country; among the first 20 in Asia; and among the first 200 globally" by 2030.

The university collaborated with the Copenhagen Institute for Future Studies (CIFS) to support UAEU in the area of future foresight studies and scenarios to spread this culture across the institute.

Chancellor's Award for Institutional Excellence

The College of Science won Chancellor's Award for Institutional Excellence in the Distinguished College category, with the College of Engineering coming 2nd and College of Information Technology coming 3rd.

The chair of the Geography and Urban Planning Department, Dr. Naeema Alhosani, won the Chancellor Award for Institutional Excellence – Medals Category in the 2nd Cycle of 2017 as the Distinguished Employee in the supervisory field (Academic).



The Medal of Distinguished Employee in Specialized Jobs (Academic) went to Professor Juma Musabah Al Kaabi from the College of Medicine and Health Sciences.

The Unknown Soldier Category went to Mr. Thanikkal Usman from the College of Medicine and Health Sciences.



Chancellor's Innovation Award

Student Category:

Competition area	Title	Applicants/ Name
Technology	An Innovative, Mobile, and College of Sciencet Effective Maskless Lithography System	Mohammed Ziauddin Prof. Abdel-Hamid I. Mourad (Advisor)
Health	"Tempo" a new innovation in temperature sensing devices	Dr. Jaber Abu Qudeiri (advisor) Shafaa Abobaker Almaqdi Saida Hafsa Rafique Iness Belkalai Asmaa El Sayah
Technology	Tracking and Disabling Smartphone Camera for Privacy and Security	Al Yazia Khalifa Al Falasi Amna Mohammed Al Jaberi Khaula Mustafa Al Shanqiti Yasmeen Said Amer Dr. Qurban Ali Memon (advisor)

Staff Category:

Competition area	Title	Applicants/ Name
Transportation	Swarm Intelligent Solar Drones for UAE	Ahmed Mashood Sirkanth Bezawada
Technology	3D Technology for Learning the Mechanical Failure Mechanism, Smart, Innovative and Practical System.	Dr. Waleed K Ahmed Eng. Muthanna Aziz Dr. Qurban Ali Memon (advisor)

Financial Statement

- Revenue and Expenditure Statement for the End of the Year 2017
- Balance Sheet for the End of the Year 2017

Statement of Revenues and Expenditures for the Year Ending 31/12/2017

Revenues	Amount (AED)
(1) Unrestricted - Federal	1,433,639,647.77
(2) Restricted - Government and Other	259,052,229.26
(3) Allotments	252,632,351.94
Total Revenues	1,945,324,228.97

Expenditures	Amount (AED)
Unrestricted - Federal	1,449,067,207.15
Restricted - Government and Other	93,101,568.95
Allotments	92,947,851.54
Total Expenditures	1,635,116,627.64

(4) Ending Fund Balance	Amount (AED)
Unrestricted - Federal	15,427,559.38
Restricted - Government and Other	165,950,660.31
Allotments	159,684,500.40
Total Ending Fund Balance (Revenues-Expenditures)	310,207,601.33

Financial Position as of 31/12/2017

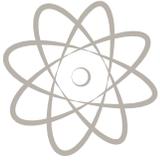
Assets	Amount (AED)
(1) Cash at Banks	613,983,427.78
(2) Account Receivables	86,444,049.72
Total Assets	700,427,477.50

Liabilities	Amount (AED)
(4) Trade Payable (Suppliers)	29,513,707.44
(5) Commitments Payable	317,022,592.36
(6) Other Current Liabilities	160,528,510.98
Total Liabilities	507,064,810.78

Ending Fund Balance	Amount (AED)
Accumulated General Reserve	116,844,934.61
Total Ending Fund Balance	310,207,601.33
Total Liabilities + Ending Fund Balance	823,082,000.82

Notes:

1.	Government Funding and Other Revenues	1.	Bank Account Balance as of 31/12/2017
2.	Restricted Funding (Grants and Donations)	2.	Include Supplier Debts, Student Receivables and Other Receivables
3.	Allotments and Internally Funded Research (Allocated from Unrestricted Fund)	3.	Amounts due to suppliers and contractors
4.	Surplus/DefiCollege of Information Technology	4.	Commitments carried forward from previous years
		5.	End of service benefits, retentions, deposits, salaries payable and others.



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