



Annual Report
for the Academic Year
2015/2016



HAMDAN BIN MUBARAK AL NAHYAN
MINISTER OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH
UNITED ARAB EMIRATES,
CHANCELLOR OF UAEU.

Message from the Vice Chancellor

The ethos of commitment is woven into the fabric of United Arab Emirates University (UAEU) – commitment to knowledge, discovery, creativity, excellence, accomplishment, and contribution to the nation whose name our institution proudly bears.

It is an ethos that spreads beyond our overarching vision, and into the work and lives of the students, faculty, researchers and staff whose talents, innovative mindsets, and efforts make UAEU what it is – one of the best universities in the Arab region, shaping the future while respecting the past, where a new generation of leaders and pioneers expand their minds and set their horizons, and where cutting-edge research is developing solutions capable of generating impact and benefit within and beyond the UAE.

The academic year 2015/16 has again illustrated UAEU as a forward-looking, forward-thinking university, with a local heart and a global perspective. Through the continued expansion and diversification of our academic offering, and nurturing and maximizing our connections with UAE's organizations across all sectors, our students have the best-possible environment and opportunity to gain theoretical knowledge and practical expertise, equipping them to embark on fulfilling careers and address the challenges facing the UAE and the world. The success of our approach is reflected in the many awards for, and achievements of, the young people who are the lifeblood of our institution.

Our dedication to enabling and supporting high-caliber, mission-driven research has manifested itself in our flow of patent applications and grants, the intensification of our focus on fostering partnerships and providing funding, and the enhancement – through projects, programs, and network-building – of our research infrastructure. Through their own accomplishments, accolades, and discoveries, and their devotion to nurturing students who may follow in their footsteps, our researchers continue to prove they are truly world-class.

At UAEU, the provision of high-quality education is a matter of both practice, and strategy. 2015-16 has seen our national, regional, and global status being reinforced through new academic accreditations, collaboration agreements, organizing and participating in high-level conferences, and building valued new links with distinguished academics and researchers. Elevating the reputation and presence of UAEU in this way is essential to ensuring the knowledge and skills of our students and researchers leave their signature on our country, our region, and our world.

UAEU's 2015-16 Annual Report presents and details these achievements and areas of progress, which are a source of pride and cause for celebration, but which also serve to galvanize us all for the future. It is said that 'the past is prologue', and we consider everything that we have implemented, advanced, and achieved to be merely a platform for greater things to come.

Our university is a beacon of enrichment, empowerment, and enlightenment, built on noble principles, driven by creativity, innovation, and ambition, and inspired by belief in the power of knowledge and possibility. Our priorities, objectives, and impetus mirror those of our nation, and we will continue to ensure that everything we do is guided by the goal of transforming shared vision into shared reality.



Dr. Ali Rashid Al Nuaimi
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 city, 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 emirates. Known as the "Garden City of the Gulf" it is built around nurturing oases irrigated by an ancient 'falaj' water system.

It is the second largest city in the Abu Dhabi Emirate and the fourth largest city in the UAE. Al Ain is located approximately 150km inland from the capital city 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 cities.

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 city 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 city 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 city's lush oases.

A cultural retreat, Al Ain also hosts annual events including the Al Ain Classical Music Festival. The city 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 city 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 city its unique character.



About The University



Basis of Authority

The United Arab Emirates University was established by the then President of the UAE, 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 UAE University 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 about 14,000 students, offering a full range of undergraduate and graduate degree programs. The university offers 52 Bachelor's degrees; 37 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).

University Management

The Vice Chancellor is responsible for the management of the university, as well as the overall direction of planning and academic and institutional development, international relations, information technology and media and communications.

There are four Deputy Vice Chancellors: Academic Affairs (Provost); Research and Graduate Studies; Finance and Administrative Affairs (Secretary General), and Student Affairs and Enrollment. They are responsible for the various colleges, undergraduate studies, research and graduate studies, the library, student affairs, enrollment, career placement and other services which support the academic mission of the university. These include human resources, financial affairs, procurement, facilities management and general services.

The Deans are the heads of the academic Colleges, which themselves are groupings of academic disciplines. Academic staff in these colleges teach undergraduate and post-graduate students and conduct research and scholarship.

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 61 other countries enrich and enliven the campus and classrooms. The 50% of students who live on campus 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 62,810 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 152 Emirati national faculty. This represents 16% of 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 636 faculty, 96 Instructors and 214 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.

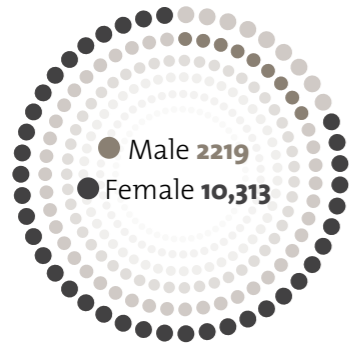


COLLEGE OF LAW

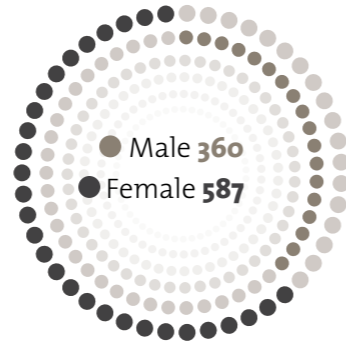
BACHELOR OF: Law

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

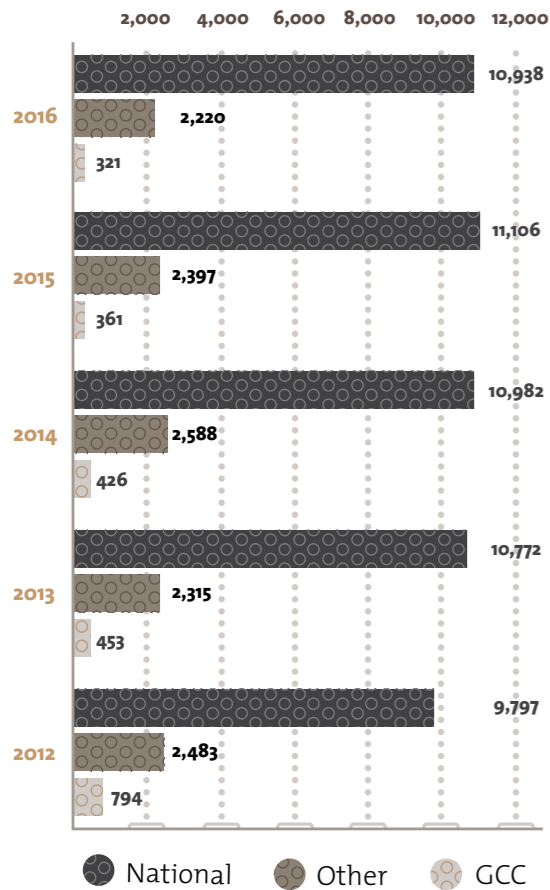
Undergraduate Students Year 2016



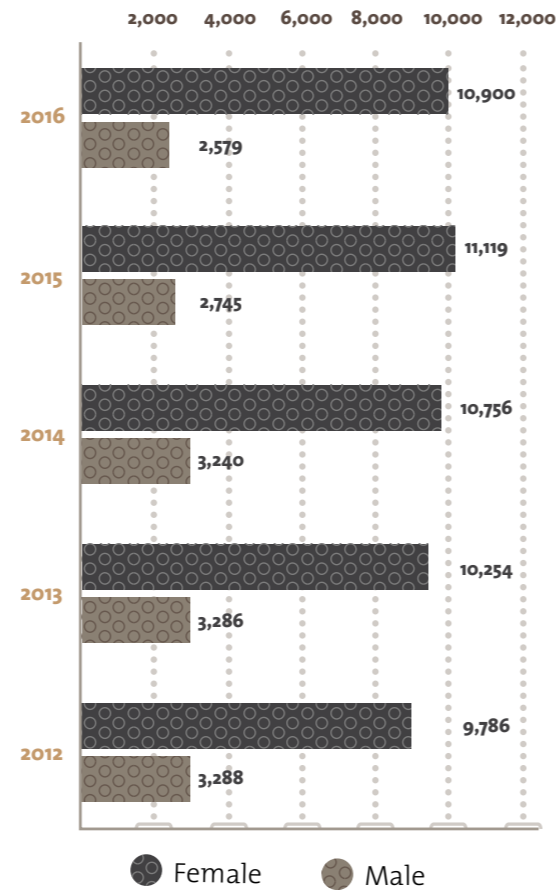
Postgraduate Students Year 2016



Enrollment Statistics By Nationality



Enrollment Statistics By Gender



Highlights 2015/2016

2015

2015 August

The United Arab Emirates University (UAEU) welcomes 3,954 new students (male and female) for the first semester of the 2015/2016 academic year.



2015 October

The UAEU launches the School Psychology Experts Program in cooperation with ADEC.



2015 September

The UAEU and the Ministry of the Economy sign a Memorandum of Understanding.



The UAEU receives a Student Delegation from University of Duisburg-Essen, Germany.



UAE National Day

2015 December

University students celebrate the 44th UAE National Day with a stately procession and a variety of artistic and heritage events.



2015 November

The Minister of Social Affairs, Her Excellency, Maryam Al Roumi visits the UAEU, where she once graduated, and says, "The United Arab Emirates University has made great strides in academia and in preparing national graduates."



2016 March

UAEU Geology Students Triumph at the American Association of Petroleum Geologists (AAPG) Imperial Barrel Award 2016.

The United Arab Emirates University becomes the first state university to receive international institutional accreditation in the region.

Dr Viola Vaughan Eden, the President of the National Organization of Forensic Social Work in the USA delivers a workshop on Judicial Social Approach to Violence against Children, at UAEU.



2016 January

The UAEU hosts the Times Higher Education MENA Universities Summit.

The UAEU participates in the BETT Conference, 20-23 January 2016, in London. "The world's leading education technology event that has been bringing inspiration and innovation to the education sector for over 30 years."

UAEU Science and Innovation Park (UAEU-SIP) start-ups attend a five-day Immersion Program at Silicon Valley.



2016 February

A researcher from the United Arab Emirates University takes part in a global study of solar storm remnants in Greenland and Antarctica.

The United Arab Emirates University organizes the 2nd University Chancellors' Forum at the Government Summit in Dubai.



2016 April

Dr Amr Amin, Professor of Cell and Molecular Biology at the United Arab Emirates University, wins the Khalifa Award for Education in the Field of Scientific Research.



The UAEU launches several initiatives in response to the National Year of Reading 2016 initiative.



The UAEU hosts the 49th General Conference for the Association of Arab Universities.

2016 May

The UAEU licenses BioLegend (USA) to use four of its patents in order to develop diagnostic tools for the early detection of Parkinson's Disease and possibly other neurological diseases.

The UAEU Science and Innovation Park organizes the first Entrepreneurs' Project Exhibition.



2016 June

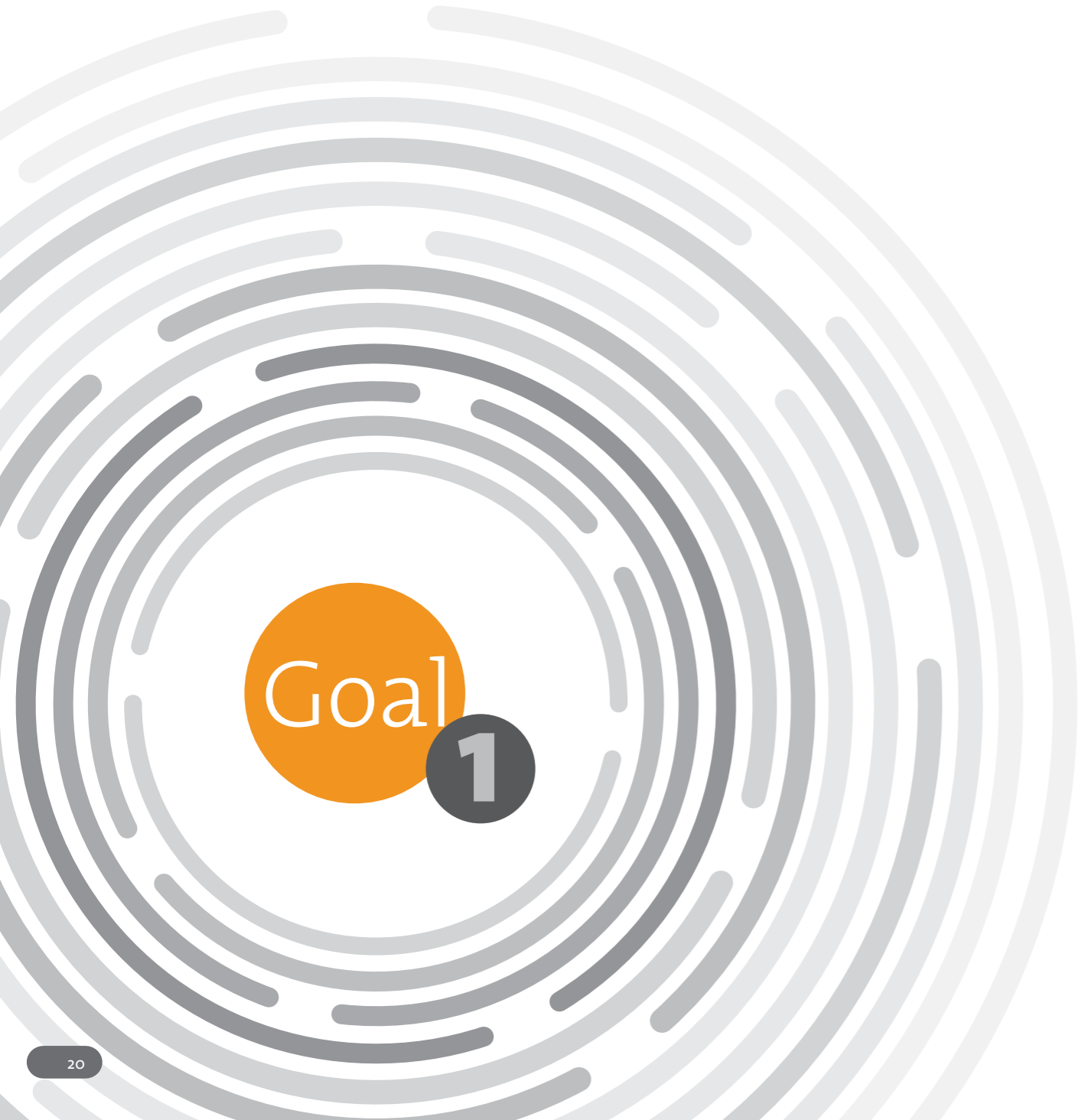
Female students from Department of Mathematical Sciences at UAEU develop a new mathematical method to study the improvement of certain industrial products.

Quacquarelli Symonds (QS), the producer of the QS World University Rankings announces the QS University Rankings: Arab Region 2016, where the UAEU ranked first among all UAE universities, and sixth among the Arab universities.

The United Arab Emirates University receives an international eco-friendly patent for a new concrete composition of oil and industrial waste.

UAEU establishes an entertaining physics laboratory to promote innovation among students.





Goal 1

Prepare graduates to be pioneers and leaders in their areas of specialization

To prepare students for productive careers, and to ensure UAEU graduates are sought after as employees in the UAE government, private and non-profit sectors.



Undergraduate and Graduate Education

The College of Information Technology (CIT) developed a new Bachelor of Science degree in Software Engineering, updated laboratories and current programs, and maintained their ABET accreditation.

The Veterinary Medicine Department opened Veterinary Pathology, Immunity and Infection I & II, Parasitology, and Animal Physiology courses.

The Program and Curriculum Office completed an initiative to review and revise course learning outcomes for all graduate and undergraduate courses. The new course learning outcomes were then aligned with the program learning outcomes to ensure that students have several opportunities to achieve intended outcomes upon graduation.

Academic Quality Assurance

The Program and Curriculum Office acquired and deployed the Strategic Planning Online (SPOL) assessment management system to streamline learning outcome assessment processes and maintain collected assessment results at course, program, and institutional levels. Six workshops were conducted to train administrators and chairs of the assessment committees on how best to utilize the new system.

Some colleges had their programs reviewed by a panel of internal and external reviewers and the necessary updates were made.

Student Recruitment and Admission

The Department of Arid Land Agriculture hosted several visits from Al Ain schools. Elementary and high school students visited Al Foah Experimental Farm and the Falaj Hazaa Campus Aquaponics Unit.

The College of Food and Agriculture welcomed delegates from different national institutions and administrations such as ADFCA, Abu Dhabi Municipality, Dubai Municipality, Al Ain Zoo, the Khalifa Fund for Enterprise Development (KFED), the Abu Dhabi Farmers' Services Centre (ADFSC), and others, to provide scholarships, training and career opportunities for students.

The number of students enrolled in the Department of Veterinary Medicine grew exponentially. The 64 female and 9 male students officially registered on the program are all Emirati and represent all geographical locations in the UAE.

The Department of Curriculum and Instruction arranged an opportunity for high school students to participate in the Iktashifni Art Initiative to showcase artistic talent and to introduce them to the art major offered by the College of Education.

Enhancement of Undergraduate Placement

The Nutritional Science and the Dietetics programs expanded their undergraduate placement site to include community nutrition, food service, clinical nutrition and food industry options.

Students from the Veterinary Medicine Department participated in the National Animal Welfare Conference in November 2016 at Dubai World Trade Centre, and the World Rabies Day event organized by Dubai Municipality, where students were able to interact with stakeholders.

Information Resources

In the Seminar on Applied Research in Accounting-ACCT 645 course, College of Business and Economics students studied several authoritative literature databases including the FASB codification system, the PCAOB database, and the e-IFRS database. They were also introduced to general information resources such as Thomson and LexisNexis. In the Advanced Auditing course, students were trained to use the most powerful data analytics software, and in Accounting Information Systems and Advanced Accounting Information Systems, students learnt to use SAP applications.

Student Exchange Program

Incoming Undergraduate Students		
Number of Exchange Students	Partner University	Country
2	Universidad Carlos III De Madrid	Spain
1	Universidad Autónoma de Madrid	Spain
1	Waseda University	Japan
3	Philipps University of Marburg	Germany
5	Dankook University	Korea
2	Groupe Sup de Co Montpellier Business School	France
2	ESC Rennes School of Business	France
Outgoing Undergraduate Students		
Number of Exchange Students	Partner University	Country
1	ESC Rennes School of Business	France

UAEU College of Engineering PhD students were involved in a collaboration between the University of Sheffield, UK, the University of British Columbia, Canada, Universidad Carlos III De Madrid, Spain, and United Arab Emirates University.

The Department of Geography had an exchange visit program with the University of Duisburg Essen, Germany.

Internships and Student Experiences

College of Information Technology (CIT) students were trained to deliver a workshop on programming robots and twenty undergraduate CIT students participated in the 2016 Summer Undergraduate Research Experience at UAEU.

Four CIT students' projects were showcased at GITEX 2015.



Her Excellency Maryam Al Roumi listens to a CIT student explaining her project at GITEX 2015



Farhan Al Naqbi, Mohamed Khalfan Al Rawahi, Mohammed AL Dhaheri and Abdulla Al Kaabi showcase their UAV Project during GITEX 2015

CIT secured internship placements for 67 students during the academic year 2015/2016 with leading domestic private, semi-government, and government organizations such as the Dubai Economic Development Department, Dubai Smart-Government, e-Government-AI Fujairah, Al Rowad IT Solutions, the National Center of Meteorology & Seismology (NCMS), Injazat, the Emirates Nuclear Energy Corporation (ENEC) Abu Dhabi, TRANSCO, STRATA, ADNOC and TECOM Group Dubai.

In addition, CIT secured an internship post for one student at the Brain Science Institute (BSI) at RIKEN-Japan, a leading international center for brain research with a reputation for discovery, innovation, training, and globalization of the scientific enterprise.

The College of Law enrolled students on internship programs with local and international law firms. Law students participated in the annual Maktoum Bin Mohammed Al Maktoum Initiatives for Legal Excellence Moot Court Competition.



Several College of Science students attended local, regional and international conferences. A number of students from the Department of Geology were competitively selected for internships in Japan. The Department of Physics sent undergraduate students to participate in a prestigious international summer program in high-energy physics, organized by the European Organization for Nuclear Research, CERN, in Switzerland. Supported by the Istiqtaab initiative, students from the Department of Biology underwent summer training at the University of Hong Kong between July 25 and August 12, 2015.



The CBE Internship & Career Development Unit provided and supervised the internships of 402 students with 271 organizations in the UAE and around the world. The unit also organized the Abu Dhabi Investment Authority Interns' recruitment program, the Oxford and Cambridge Summer Scholarship program, and the Internship Partners' Honoring Ceremony.

The College of Engineering arranged field trips for students including to the Ecocity World Summit, Power-Gen Middle East, Abu Dhabi Airport, IDEX2015, Al Qattara Dome, Al Ain, and Exeed Precast LLC.

At the Global Forum for Innovations in Agriculture (GFIA), students from the Department of Arid Land attended an Integrated Pest Management in Protected Agriculture Using Natural Enemies workshop, organized by the Abu Dhabi Food Control Authority (ADFCA) and the International Center of Agricultural Research in the Dry Areas (ICARDA). A group of female students from the horticulture major attended a training workshop organized by Barari Nurseries on agricultural operations in nurseries and landscape tree nurseries.

The College of Education conducted an exchange student program in which 12 graduate and undergraduate students were involved in a scientific academic trip to Singapore.



Tourism students conducted their internships with various organizations such as the Sheikh Zayed Grand Mosque, Rotana Hotel, Al Ain Zoo and Sharjah Commerce and Tourism Development Authority.

Six students from the College of Humanities and Social Sciences participated in the Young Media Leaders (YML) program, with the Abu Dhabi Media and Arts Foundation (ADMAF) and twofour54.



Students Achievements & Success

A team of four CIT students won first place in Lockheed Martin's UAE Cyber Security Challenge at the Centre for Innovation & Security Solutions, Masdar Institute campus, on Nov 9th, and were honored at the Dubai Airshow 2015.



Lockheed Martin Executive Vice President Rick Edwards congratulates the winners

The Smart Mobile Bus project by students Reem Mohammed, Saeed Al Kaabi, Fatima Mohammed Saeed, Mohammed Al Shamsi, Aysha Al Baloushi and Ousha Al Shamsi won the 2015 Chancellor's Innovation Award for Students in the Transportation Category.



The Transportation winners, honored by the Chancellor, His Excellency Sheikh Hamdan Bin Mubarak Al Nahyan

CIT students and their supervisor Dr Fady Al Najjar, were semi-finalists for their Skills Acquisition project at the 2015 UAE AI & Robotics Award for Good.



Skills Acquisition Team

The 2015 Chancellor's Innovation Award for Students in the Information Technology Category went to Safeyya Al Shehhi, Asma Al Marzooqi, Fatmah Al Yammahi, and Shaima Al Ameri, under the supervision of Dr Nazar Zaki, for their Security Tracking System project, which uses mobile phone networks.



The IT Security Tracking winners



CIT students won fourth place in the 11th Mobile Application Contest.

The 2015 Chancellor's Innovation Award for Students in the Information Technology Category was won for the Smart Warning System Project to protect children from being left alone in closed cars, by students Amnah Homoud, Jamila Al Kaabi, Khawla Al Marzouqi and Maryam Al Khateri, under the supervision of Dr Fekri Kharbash.



The IT Smart Warning winners

CIT students Shamma Al Kaabi and Mohammed Al Tamimi received BCS Chartered Institute for IT excellence awards from the Minister for Culture and Knowledge Development His Excellency Sheikh Nahyan bin Mubarak Al Nahyan at the 2015 BCS ME Chairman Annual Dinner, November 2015.



Mohammed Al Tamimi (4th from left) and Shamma Al Kaabi (8th from left)

The Virtual Reality Educational Game project by CIT student Shamsa Al Mazrouei, won third place among participating universities at the Think Science 2016 national competition, where 640 competitors took part.



Shamsa Al Mazrouei explains her project to visitors during Think Science 2016 Exhibition

CIT student participated in the NYUAD 2016 Hackathon International for Social Good, and won second place. Two female students were part of the UAEU CIT team which won first place in the Dubai Customs Award of Intellectual Property Rights Contest during World IP Day 2016.



Dubai Customs Award of Intellectual Property Rights Contest winners



CIT students won third place in the Ministry of Environment and Water Innovation Camp competition during 2015 Innovation Week.

A female College of Science student was awarded second prize at the 8th Tamaiz & Falak Tayyeb Awards.

A group of chemistry students won first place in the United Arab Emirates Undergraduate Student Research Competition for their research titled 'Development of Ceramic-Polymer Nanofibrous Composites with Potential Biomedical Applications'.

Dr Khaled Saleh and Dr Amir Gabr of the Department of Geology led a group of students to second place in the Imperial Barrel Award 2016, organized by the American Association of Petroleum Geologists (AAPG).



College of Science graduate students won the best poster award at the Genomics and Systems Biology Conference organized by New York University, Abu Dhabi.

A student from the Department of Accounting won the top prize at the Ernst & Young annual Excellence in Accounting and Finance award.



The UAEU College of Business and Economics celebrated the first six graduates from the UAE's first Doctorate of Business Administration (DBA).

Five accounting students were successful in obtaining Institute of Management Accounting (IMA) scholarships.

The College of Engineering students achieved the AIChE award, best poster award at the 2015 World Congress and Expo on Nanotechnology and Materials Science, 3rd prize at the Petroleum Institute IEEE Student Day and 2nd prize at the RTA awards for sustainable transportation.

UAEU teams first in fitness and swimming at the 8th Olympic Sports Tournament.



The United Arab Emirates University volleyball team wins the League Cup in the Abu Dhabi Inter-University Sports League for the 2nd Consecutive Year.



United Arab Emirates University volleyball team

Career Preparation Programs

The Professional Development Unit provided workshops to help college students prepare for their future careers, including How to Write a Professional CV, What are the Principles of a Job Interview?, and Develop Your Employability Skills.

The Accounting Department, in collaboration with the Accounting Students Club, organized an Internal Auditing as a Future Job Opportunity event for accounting graduates, in association IAA.

CIT organized Career Readiness workshops an IT Industry Day to help students learn more about job and internship opportunities.



CIT 2016 Industry Day

The Assessment and Remedial Unit provided training for undergraduate and graduate Special Education students, offered services to child and adult patients from the local community, and facilitated faculty members' clinical research.

Extra-Curricular Programs

The Department of Chemistry held a hugely successful Chemistry Day and Exhibition event, with the participation of numerous regional companies who exhibited their state-of-the-art equipment and gave seminars on diverse topics related to chemistry.



The Department of Physics organized a Concepts of Physics exhibition. Innovative project topics included energy generation, roads and engineering methods, physical properties of different materials, and recycling.



College of Business and Economics students took part in various activities including 6Sigma Green Belt training, Scrum-Developer training, on-site industry visits and an Alfred Nobel Museum tour.

Nutrition and Health Department students visited the Lipton Tea factory to explore the role of the nutritionist in the food industry.



The Department of Political Science organized a Women's Empowerment in the National Council workshop.

The Student Translation Club (STC), in collaboration with Arirang (Korean), Sakura (Japanese), and Gutenberg (German) student clubs organized a Translation Open Day.

The Department of English Literature organized a student film competition, and a student drama festival.





Goal 2

Goal 2

Develop scientific research capacity and innovation in areas of regional and national importance

To develop and support concentrations of research activity, especially in areas of national and regional importance, and to involve undergraduate and graduate students in advancing this research.

UAEU Patents

36 patent applications were filed in 2015, and 38 in 2016. Of these, 12 patents were granted in 2015, and 18 in 2016.

Number of Patents Filed			Number of Patents Granted		
Years	Number of Patent Applications Filed	Number of Inventions Filed	Years	Number of Patents Granted	Number of Inventions Granted
2007	2	2	2007	0	0
2008	11	3	2008	0	0
2009	21	4	2009	0	0
2010	9	3	2010	0	0
2011	9	4	2011	2	2
2012	17	10	2012	4	4
2013	27	17	2013	6	6
2014	32	17	2014	12	7
2015	36	19	2015	12	6
2016	38	19	2016	15	10
Total	201	98	Total	51	33

2015 Patents Granted in					
	Title	Country	Inventor	Co-Inventor/s	College
1	Alpha-Synuclein Fragments as Diagnostic Agents	Canada	Omar Agnaf		CMHS
2	Alpha-Synuclein Fragments as Diagnostic Agents	Japan	Omar Agnaf		CMHS
3	Diagnosis of Parkinson's Disease (PD) - Distinguishing from Non-PD (with Perugia University)	Europe	Omar Agnaf	Lucilla Parnetti, Paolo Calabresi, PU	CMHS
4	Date Pit Composition for the Treatment of Animals	Hong Kong	Ahmed Soliman Hussein	Ibrahim Hassan Belal, Khaled Abas El Tarabily, Salem Rashed Ali Alyalyali	CFA
5	Date Pit Composition for the Treatment of Animals	USA	Ahmed Soliman Hussein	Ibrahim Hassan Belal, Khaled Abas El Tarabily, Salem Rashed Ali Alyalyali	CFA

6	Noninvasive Thermometry Monitoring System	USA	Youcef Haik		COE
7	Hyperthermia Therapeutic Agent Delivery System	USA	Youcef Haik		COE
8	Early) Diagnosis of) Parkinson's Disease	Europe	Omar Agnaf		CMHS
9	Early) Diagnosis of) Parkinson's Disease	Japan	Omar Agnaf		CMHS
10	Substituted Pyridine Derivatives Useful in the Treatment of Cancer	USA	Ibrahim Mahmoud Abdou	Alaa Eidin Abdel Aziz Salem, Abdu Adem, Hussein F. Zhodi and Hany Abdel Aziz Al Deab	COS
11	Method for Treating Particulate Material	Australia	Abdel-Mohsen Onsy	Maisa Mabrouk El Gamal	COE
12	New Use of Surfactant	Canada	Abdel-Mohsen Onsy	Maisa Mabrouk El Gamal	COE

2016 Patents Granted in					
	Title	Country	Inventor	Co-Inventor/s	College
1	Henna Application Device and Method	USA	Effat Takaleh		COE
2	Biodiesel Production	USA	Sulaiman Al-Zuhair	Ali Hassan Al Marzouqi, Isameldin Hashim & Hanifa Eassa Taher	COE
3	A Process and System for the Treatment of Industrial and Petroleum Refinery Wastewater	Canada	Muftah Hassan El-Naas	Sulaiman Abdulrazak Al-Zuhair	COE
4	Method for Purifying Lactoferrin	USA	Hassan Mohamed Hassan Abdalla		CFA
5	Apparatus and Method for Energy Harvesting	USA	Mahmoud Al Ahmad	(Irfan Saadat (Masdar	COE
6	Apparatus and Method for Energy Harvesting	USA	Mahmoud Al Ahmad		COE
7	Semiconducting Polymer	Japan	Youcef Haik	Ahmad Ibrahim Ayesh, Mahmood Allawy Mohsin	COE

	Title	Country	Inventor	Co-Inventor/s	College
8	New Use of Surfactant	Europe	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
9	New Use of Surfactant	Japan	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
10	Thermal Insulation Material Made of Date Pits	USA	Basim Moh'd Ismail Abu-Jdayil	Abdel-Hamid Ismail Mourad	COE
11	Use of Surfactant in the Preparation of Modified Sulfur and Sulfur Cement	US	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
12	A Manipulator for Surgical Tools	USA	Basem Fayez Yousef		COE
13	Fluid Pumping System and Method	USA	Fathi M. Allan		COS
14	Method for Treating Particulate Material	Canada	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
15	Method for Treating Particulate Material	Europe	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
16	Method for Treating Particulate Material	France	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
17	Method for Treating Particulate Material	Germany	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE
18	Method for Treating Particulate Material	UK	Abdel-Mohsen Onsy Mohamed	Maisa Mabrouk El Gamal	COE

Research Partnerships and Funding

In an ongoing effort to become a more research-intensive institution, UAEU announced funding support for 166 grants totaling 48.6 million dirhams. These grants are awarded to UAEU scientists who have submitted innovative proposals for major research challenges across various disciplines relevant to the UAE. They are in five different categories:

- University Program for Advanced Research (UPAR) Grant: 34 projects
- Center-Based Interdisciplinary Grant: 34 projects
- Startup Grant: 26 Projects
- Summer Undergraduate Research Experience Program (SURE): 65
- Joint Projects for SQU/UAEU Program: 7

Ongoing Research Partnerships and Funding

	Project name	Name of Researcher	College	Company
1	Assessing the Carbon Footprint of Road Projects and Related Sustainability Initiatives in Abu Dhabi	Rezaul K. Chowdhury	COE	Municipality of Abu Dhabi City
2	The Therapeutic Effect of Crocin Against Hepatocellular Carcinoma: A Preclinical Study	Amr Amin	CMHS	Al Jalila Foundation
3	Clinical, Biochemical and Molecular Studies of Peroxisomal Disorders in Oman and the United Arab Emirates	Mohamad Mostafa Ahmed Mohamed	COE	Environment Agency of Abu Dhabi
4	Optimal Window Design for Noise Control	Munjed Maraqa	COE	Municipality of Abu Dhabi City
5	Consulting for the Design of Modular Housing Units	Sammera Al Zarouni	COE	GSE Council
6	Elucidating the Molecular Signaling Mechanism(s) of Autophagy Mediated Tumor Suppression by Curcumin in Human Malignant Glioma	Sehamuddin Galadari	CMHS	Al Jalila Foundation
7	Studies on the Transcriptome of Patients with Cancer Cachexia	Thomas Adrian	CMHS	Al Jalila Foundation
8	National Dairy Farm	Yousef Haik	COE	Exeed Industries LLC
9	Youth Health	Yusra Ethidaia Elobaid	CMHS	Ministry of Culture, Youth and Community Development
10	Assessment of Pesticide Exposure in Date Palm Agricultural Workers in the City of Al Ain, United Arab Emirates	Tom Loney	CMHS	1- IOSH

11	High Power-Density Step-up/Step-down PFC Real Bridgeless Rectifier	Abbas Fardoun	CMHS	NRF
12	Public Participation Geographic Information System (PPGIS) in UAE Smart Government Services: A Global Analysis of Potential Utility for PPGIS	Ahmad Bin Touq	CHSS	NRF
13	3D Matrix Hepatocytes Cells Evaluation: Mechanical Tests	Ali Abdalla Al Naqbi	COE	NRF
14	Hydropyrolysis of Biomass to Biofuels	Ali Hassan Al Marzouqi	COE	NRF
15	Digital and Social Media Platforms and Education in China and the UAE	Badreya Al Jenaibi	CHSS	NRF
16	The Effect of Arginine and Citrulline Supplementation on Endothelial Dysfunction in Mitochondrial Diseases	Fatma Al Jasmi	CMHS	NRF
17	Genetic Factors Associated with Type I Diabetes Mellitus Among Emirati Children: Emphasis on the 2Ra-IL ,4-CTLA ,Role of HLA, PTPN22	Juma Musabah Al Kaabi	CMHS	NRF
18	Desert Plants and Carbon Sequestration in Hyper-Arid Environments: A Quantitative Approach	Taoufik Ksiksi	COS	NRF
19	A Decision Support System for Modeling and Mapping Sand Dunes Encroachment Risk Using Satellite Data in the United Arab Emirates	Naeema Al Hosani	CMHS	NRF
20	Structural Condition Assessment of Ten School Buildings	Tamer El Maaddawy	COE	ADEC
21	Developing a Dynamic Approach to Water Budgeting for the Emirate of Abu Dhabi	Mohamad Mostafa Ahmed Mohamed	COE	Environment Agency of Abu Dhabi
22	Agreement Between Lundbeck and UAEU	Omar Agnaf	CMHS	Lundbeck
23	Modulation of the Immune Response to Infection by Organophosphorus Compounds	Maria Fernandez-Cabezudo	CMHS	RNRF
24	Structural Analysis and Visual Inspection of Repair Works for International Private School, Al Ain	Tamer El Maaddawy	COE	ADEC
25	Imaging Ultrafast Processes in Atoms and Molecules Using a High-Resolution Reaction Microscope	Ahmad Hasan	COE	NRF
26	Investigating the Mechanisms of Action of Chromatin Remodeling Proteins in Transcription Regulation	Ahmed Hassan Al Marzouqi	CMHS	NRF

27	Developing Compounds for Noninvasive Delivery of Small Interfering RNA into the Central Nervous System: A Future Therapeutic Strategy for Neurodegenerative Diseases	Edadul Haque	CHSS	NRF
28	Differential Models in Immunology and Infection Diseases	Fathalla Rihan	COE	NRF
29	Development of a Black-Oil Simulator with Parallel Processing Capability for Field Applications	Jamal Abou Kassem	CMHS	RNRF
30	Assimilating Doppler LIDAR Data into a Numerical Weather Prediction Model	Mohammed Anwar	CHSS	NRF
31	Genetic Control of Plant Responses to Botrytis Cinerea	Synan Abu Qamar	CHSS	NRF
32	Solitons Transport in Optical Fibers with Impurities	Usama Al Khawaja	COE	NRF
33	Development of Strategies and a Project Delivery Management System for Large-Scale Infrastructure Projects	Yasser Hawas	COE	Ministry of Higher Education and Scientific Research
34	Addendum to the Memorandum of Understanding Between UAEU and Japan Cooperation Center, (Petroleum (JCCP)	Abbas Fardoun	COE	Japan Cooperation Center, Petroleum
35	Artificial Thin Nanostructured Surfaces for Microwave and Optical Applications	Mousa Hussein	COE	Dassault-Aviation
36	mC RNA-5 A Novel Method to Evaluate the Role of Diabetes and Obesity 2 Methylation in Type	Bright David Starling Emerald	CMHS	Al Jalila Foundation
37	Research Study on Optimal Window Design for Noise Reduction in Abu Dhabi City	Munjed Maraqa	COE	Municipality of Abu Dhabi City
38	The Financing Contract of the National Center for Space Technology and Science	Space Center	Space Center	ICT Fund
39	The Factors Influencing the Decision to List on Abu Dhabi Securities Exchange	Aktham Issa Al Maghaireh	CBE	ADEC
40	Design and Fabrication of Novel Ultra-Low and Reliable CMOS Logic Cells	Azam Beg	CIT	ADEC
41	Towards Integrating People with Disabilities into the Abu Dhabi Labor Market	Dr Clara Morgan	CHSS	ADEC

42	Investigation of Effective Management of Energy Demand in Distribution Management Systems of Smart Grids Using Formal Verification Methods	Falah Awad	COE	ICT Fund
43	Assimilating Doppler LIDAR Data for High Resolution Weather, Visibility and Pollution Forecasting in UAE	Mohamed Anwar	COS	NRF
44	Preclinical Validation of Sanguinarine as a Pro-Apoptotic Drug for the Treatment of Leukemia	Sehamuddin Galadari	CMHS	ADEC
45	Evaluation of Cracks/Cold Joints in Concrete Rafts and Retaining Walls of the Construction of the ADNOC New Medical Center in Al Khalidiya Project, 7011 Abu Dhabi, Project Number	Amr S. El Dieb	COE	TARGET Engineering Construction LLC
46	Supply of Design to Fix the RF Interference Issue at the Al Mabraq Hospital Project	Mousa Hussein	COE	Stantec International Inc. Abu Dhabi
47	Traditional Versus New Media Sources of Information for Youth on Current Events in the UAE	Ateeq Jakka	CHSS	National Media Council
48	Re-imagining Young Muslim Women? Comparing Public Responses to Ms Marvel in Non- Muslim .(UK) and Muslim (UAE) Societies	Badreya Al Jenaibi	CHSS	The London School of Economics and Political Science
49	The Statistical Analysis of Three Studies: Chemical Substances in Air Fresheners, Heavy Metal Contamination in Herbal Health Supplements In Dubai, and Parents' Awareness of the Safety of Children's Toys and Swimming Pools	Abderrahim Oulhaj	CMHS	Dubai Municipality
50	The Effects of Increased Fruits and Vegetables and/ or Whole Grain Food Consumption with or Without Reduced Energy Intake on Cardio Metabolic Risk .Factors of Subjects with Visceral Obesity	Salah Gariballa	CMHS	Al Jalila Foundation Research Center
51	On Nanocomposites for Aerospace Application: Phase II	Mousa Hussein	COE	Abu Dhabi Autonomous Systems Investments (Co. LLC (ADASI
52	Deputy Vice Chancellor for Research and Graduate Studies	Elke Neumann	CFA	Barri
53	Development of Sustainable Date Palm Production Systems in the GCC Countries of the Arabian Peninsula	Khaled Masmoudi	CFA	ICARDA

The College of Science was granted two licenses from the Federal Authority for Nuclear Regulation (FANR) for radioactive sources and X-ray units .

The College of Food and Agriculture formed national partnerships with the Abu Dhabi Food Control Authority, Al Ain Municipality, the Abu Dhabi Farmers' Services Centre (ADFSC), the Khalifa Fund for Enterprise and Development, the Department of Food Science and Technology, and the Faculty of Technology and Community Development, and international partnerships with the University of Karachi, Pakistan, Thaksin University, Phatthalung, Thailand and the Department of Life Sciences, University of Limerick, Ireland.

The College of Engineering formed collaborations with the Masdar Institute, Abu Dhabi, UAE, Essex University, UK, the University of Picardie Jules Verne, Amiens, and Aix-Marseille University, France, and the Universities of Michigan and New Mexico, USA.

The National Water Center collaborated with the Colorado State University, USA.

The College of Education signed a contract with the Educational Centre for the Arabic Language for Gulf States to conduct three research projects.

The Department of Sociology established partnership and funding with the UAE Ministry of Community Development Marriage Fund, the Human Research Center, Sultan Qaboos University, Oman, and the Institute of Economic Research, Hitotsubashi University, Tokyo, Japan.

The General Linguistics department established international research collaborations with Cambridge University and the University of York, UK, the University of Malta, Academia Sinica, Taiwan, the University of Canterbury, New Zealand, and with Arizona University and the University of California, Berkeley, USA.

Research Output

UAEU faculty published articles as indexed by SCOPUS for 2015 -2016		
Document Type	2015	2016
Article	489	486
Conference Paper	131	122
Article in Press	8	26
Review	35	29
Letter	7	6
Editorial	9	7
Note	2	2
Erratum	2	1
Book	2	*
Book Chapter	24	17

Number of UAEU Publications in top journals from Scopus Database				
	Top 1% of Journals	Top 5% of Journals	Top 10% of Journals	Top 25% of Journals
(2014 Until May 2017)	10	73	150	307

Research Projects

Department of Geology Professor Ala Al Dhahan represented the United Arab Emirates University as a member of a team of researchers led by Lund University (Sweden) who published data in Nature Communications, an open access journal that publishes high-quality scientific research, supporting remnants of two powerful solar storms dating back to more than 1000 years ago in ice from Greenland and Antarctica.

A research team led by Dr Rabah Iratni in collaboration with Dr Synan Abu Qamar, from the Department of Biology, found that the fruit extracted from a widely used culinary herb sumac (*Rhus coriaria*), inhibits the growth of triple negative breast cancer, a highly aggressive and highly metastatic form of breast cancer.

The Nutrition and Health Department conducted research for Kelloggs EMEA (Europe, Middle East and Africa) food company, in the summer semester of 2016, on the effect of high fibre All-Bran cereal intake on satiety and dyspeptic symptoms during Ramadan.

Science and Innovation Park and Other Research Centers

UAEU Science and Innovation Park

The UAEU Science and Innovation Park (UAEU-SIP) commenced the Prototypes to Market (P2M) program, a one-year journey to help incubator tenants finalize their business models over six months, and launch their businesses in a further six months.

UAEU startup entrepreneurs attended a Silicon Valley immersion week to meet, interact and learn from world-class mentors, investors and entrepreneurs there. Emirati talents in UAEU-SIP showcased their vision to Silicon Valley, among workshops delivered by the best in the field. In addition, UAEU-SIP established a strategic partnership with French Tech Hub to allow our startups to go global and be hosted by French Tech Hub in Silicon Valley and vice versa, to receive US and French companies, and to serve as a launching pad for international companies to enter to the GCC market. Other international partnerships include Arab Excellence and Plus Value.



During Spring 2016, the SIP Global Advisory Panel was formed of committed and talented Entrepreneurs in Residence [EiRs] with significant entrepreneurial experience from public and private sector UAE organizations, partner incubators, international universities and renowned entrepreneurial networks.

The Global Entrepreneurship Monitor Report is the world's foremost study of entrepreneurship. The UAEU-SIP team, who attended the annual Global Entrepreneurship Monitor (GEM) Summit meeting in Boston, will prepare the 2016 annual GEM report for the UAE.



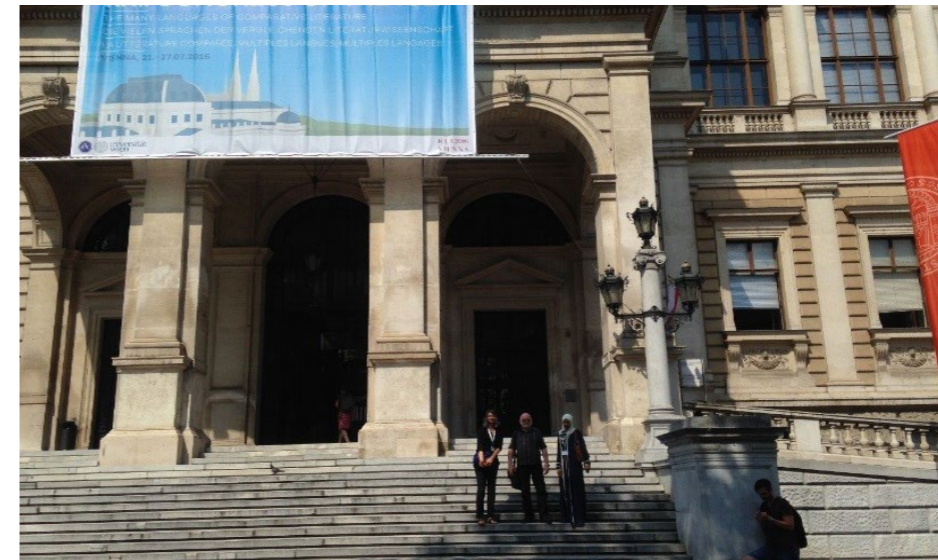
The Roadway, Transportation and Traffic Safety Research Center (RTTSRC)

The UAEU team is working in collaboration with Tata Group on the inter-vehicular communication system, a new intelligent transportation system to enable driverless cars to communicate on the roads, based on an algorithm that enables vehicles to use real-time route guidance in urban traffic networks.

The RTTSRC was awarded two research/consulting projects by Abu Dhabi Municipality: Optimal Window Design for Noise Control, and Assessing the Carbon Footprint of Road Projects and Related Sustainability Initiatives in Abu Dhabi.

RTTSRC Director Professor Yaser E. Hawas received Best Paper award for 'A Framework for Assessing the Importance and Effectiveness of Management Processes and Stakeholder Influence on Construction Project Outcomes'.

Student and Faculty Research Achievements



Dr Safa Al Mahana from the College of Business and Economics jointly published an article titled, The Impact of Recent Crises on the Real Estate Market in the UAE: Evidence from Asymmetric Methods, based on her DBA dissertation, in the established Italian journal *Economia Internazionale*.

The Department of Food Science undergraduate students had two publications in top journals.

A CHSS faculty member won a competitive research fellowship at Edinburgh University for summer 2016.

CHSS PHD student Ms Al Badaai participated with faculty members as presenter and panel chair at the XXI Congress of International Comparative Literature Association at the University of Vienna.

Dr Tatiana Karabchuk from CHSS was nominated to serve on the Helen Turner Prize Committee 2016 for PhD student papers, as a reviewer, a World Association for Public Opinion Research (WAPOR) initiative.

Dr. Ala Aldahan, a professor of Geology in the College of Science took part in a global study in identifying the remnants of a huge solar storm in both Greenland and Antarctica.



Awards for Research

Prof Amr Amin (Department of Biology) received a Khalifa Award for Education 2016 as a Distinguished University Professor in the field of scientific research.

Professor Usama Al Khawaja (Department of Physics) received a University Award for Excellence in Scholarship 2016.

Two CBE faculty members (with a co-authored paper) won the Emerald Literati Award for Excellence Best Paper of the Year. The Department of Economics and Finance Assistant Professor Dr Jocelyn Grira earned the Best Paper Award at the 18th Eurasia Business and Economics Society (EBES) conference held at the American University of Sharjah in January 2016.

Twelve Medical Sciences Masters students and eight Bio-medical Sciences PhD students completed their research work and defended their theses, and 107 undergraduate students were involved in summer research experience either in the UAE or abroad.



Prof Amr Amin (Department of Biology) with Khalifa Award for Education 2016

Several awards were won by College of Engineering students, and one student received an international AIChE award.

In the College of Medicine and Health Sciences, Dr Eyad El Kord was awarded the University Award for Excellence in Scholarship. Professor Sehamuddin Galadari and Professor Haidar Raza were awarded best research publication and the Sheikh Hamdan Bin Rashid Al Maktoum award for medical research, and Professor Lihadh Al Gazali won the Abu Dhabi Award for her research achievements.

Two medical students were awarded scholarships for external summer research training courses from Al Jalila Foundation and one student was awarded the Sheikh Mohammed Bin Zayed Scholars Program from New York University, Abu Dhabi.

Intelligent Systems track Professor and Chair Dr Nazar Zaki received the College Research Excellence Award for 2016.



Award winners



Dr Nazar Zaki, Dr Masud, Dr Salah and Dr Najah were recognized for publishing in the best journals in their disciplines at a special Publication in Top Journals Ceremony. Dr Najah Abu Ali for Top 1% Journal, Dr Salah Bouktif for Top 10% Journal, and Dr Nazar Zaki, also for Top 10% Journal.

College of Education Professor Mohamed Gaber won the Sharjah Distinguished Educational Research Award for his research, The Needs of High School Students for Islamic Education Topics in this Changing Era, Based on their Beliefs.



Hamdan Bin Mubarak honors winners of the Chancellor's Award for Innovation 2015.



Goal

3

Goal 3

Achieve academic excellence in accordance with academic and institutional accreditation standards

To link the university with global higher education and research communities and to ensure that our processes and outcomes are at the level displayed by the world's leading universities.

Curriculum Development

A number of programs in the College of Science underwent a Periodic Program Review (PPR) this year. A Self-Study Report (SSR) was prepared and sent for review to John Hopkins University, Cornell University, and the University of Oregon. The curriculums for four undergraduate programs were modified to enhance their quality: 1) BSc in Mathematics, 2) BSc in Physics, 3) BSc in Computer Engineering, and 4) BSc in Food Science.

CurricUNET was integrated with banner to ensure the integrity and consistency of course details between the two systems, and with department websites to display our course and program details. This ensures the accuracy of data displayed to the UAEU community and to global users.

The Department of Accounting developed a new Master of Professional Accounting course in Risk-Based Internal Auditing.

The College of Information Technology submitted a proposal for a BSc in Software Engineering.

University Accreditation

The United Arab Emirates University achieved international institutional accreditation from the WASC Senior College and University Commission, WSCUC, for a 6-year term. This means the adoption of globally recognized standards in programs and institutional processes and the assurance of certain qualities in educational policies. UAEU is the first state university in the world to receive WSCUC accreditation and did so by fulfilling key requirements in terms of standards. These include a clear vision and mission, effective leadership, the quality of teaching and learning and other criteria that focus on the quality of educational outcomes and institutional processes.

College and Program Accreditation

The Department of Chemistry achieved reaccreditation from the Royal Society of Chemistry.

All College of Business and Economics (CBE) undergraduate and graduate programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB). During the academic year the CBE prepared and submitted applications for the Continuous Improvement Review (CIR) of these programs to the AACSB in preparation for both business and accounting accreditation reaffirmation in 2019.

International Faculty Links and Distinguished Professors and Researchers

The Department of Accounting hosted two distinguished academic visitors, who presented at the department seminar series and consulted with some of its faculty. Professor Wai Fong Chua is the Pro Vice-Chancellor at the University of New South Wales (UNSW), and Professor Christine Cooper is on the editorial advisory board of the Accounting, Auditing & Accountability Journal, AAAJ.

The Department of Statistics arranged a workshop on statistical meta-analysis by Professor Bimal Sinha from the University of Maryland, USA. The department also organized six research seminars by international speakers from France, Canada, Australia, and Poland.

The College of Law (COL) hosted the President of the Federal Supreme Court, His Excellency Judge Dr Abdulwahab Abdoul, to present on the most popular provisions of the Constitutional Chamber of the Federal Supreme Court. The COL also hosted international legal firms Reed Smith LLP, Birds & Birds LLP and Baker MacKenzie to conduct lectures, workshops and training sessions.

Harvard Graduate School of Education Research Partner Engagement Director Professor Luba Feigenberg, who is directly involved in Harvard's Making Caring Common project, engaged faculty members and students from the College of Education in a discussion on Raising Ethical Children.

The Minister of Social Affairs Her Excellency Maryam Al Roumi visited UAEU and expressed pride in the accomplishments of UAE women in leadership positions.



United Arab Emirates University hosted Dr Jane Goodall, world-renowned primatologist, environmentalist and United Nations Messenger of Peace, to speak on Reason for Hope for Our Planet.

The Philosophy Department hosted distinguished guests Dr Kent Hurtig, University of Stirling, Scotland, Professor Alexander Schnell, Université Paris-Sorbonne, France, and Professor Jim Pryor, NYU, New York, at their Research Seminar Series.

Professor Mehtab Karim, Distinguished Senior Fellow at the Center for Social Sciences Research, George Mason University, USA, visited the Department of Sociology to explore possible collaborations on an international study on entrepreneurship among youth.

International Collaboration Agreements

The College of Business and Economics signed an MoU with the IÉSEG School of Management in Lille and Paris, France.

The Nutrition and Health Department signed an agreement with the European Food Information Council (EUFIC) to facilitate meetings, organize and participate in conferences, and collaborate between EUFIC and relevant Gulf region stakeholders in areas of nutrition, food safety, physical activity and consumer insights.

The Veterinary Medicine Department was accepted as a member of the Arab Veterinary Medical Faculties Association.

The College of Engineering are currently working on 12 projects in collaboration with regional and international universities in UK, USA, Canada, Oman and Qatar.

International Conferences

The College of Science hosted the 3rd International Conference on Engineering Geophysics (ICEG).



The Department of Mathematical Sciences organized the 5th International Conference on Mathematical Sciences (ICM2016), held every four years to enhance research by bringing together local talents and leading mathematicians from around the world. More than 150 researchers from 21 countries participated this year.



5th International Conference on Mathematical Sciences (ICM2016)

The Department of Statistics hosted the 25th Annual Conference of the International Environmetrics Society. It was attended by researchers from North America, Europe, Australia and the Middle East.

The College of Medicine and Health Sciences organized the 7th Emirates Cardiac Society Congress, in Abu Dhabi.

The CIT organized the 11th International Conference on Innovations in Information Technology (IIT).

The Geography Department organized the 5th International Conference on Earth Observation for Global Changes (EOGC), and 7th International Conference on Geo-information Technologies for Natural Disaster Management (GiT4NDM), in cooperation with the UAE Space Agency, the Waterloo Institute for Disaster Management (WIDM), the Mohammed Bin Rashid Space Centre and the Al Yah Satellites Communications Company (Yahsat). Experts and researchers in earth sciences and space research from around the world were in attendance.



5th International Conference on Earth Observation for Global Changes (EOGC)

The first UAE Symposium on Social Robotics was held.



Social Robotics Symposium

The English Literature Department organized the First International Conference on Literature for Children and Young Adults: Contemporary Challenges and Future Aspirations, attended by specialists from Egypt, Germany, Kenya, England, Taiwan, Kazakhstan and several other countries.

To coincide with the Global Islamic Economic Summit the College of Law hosted the 23rd International Conference on Islamic Economics.

In partnership with the QS World University Rankings, UAEU hosted the 6th QS Middle East and Africa Professional Leaders in Education Conference.

The United Arab Emirates University organized the Times Higher Education MENA Universities Summit.

UAEU hosts the 49th Association of Arab Universities' General Conference.



Global Islamic Economic Summit



49th Association of Arab Universities' General Conference

National Faculty Development and Teaching Assistant Program

The College of Law hired two teaching assistants, one in the Private Law Department and one in the Public Law Department.

The College of Engineering recruited three national (Emirati) teaching assistants.

Faculty Development, Promotion and Recruitment

Two associate professors from the Department of Curriculum and Instruction and the Department of Special Education were promoted to the rank of full professor in the areas of science education and special education.

The CIT attracted and recruited five faculty members and two instructors from top universities such as the National University of Singapore (NUS) and the University of Texas at San Antonio (UTSA).

CETL conducted a Faculty Professional Development (FPD) activity every Thursday of the 2015-2016 academic year in three main categories: Smart Learning Course Transformation, Educational Technology and Emerging Teaching Pedagogies, and conducted two Smart Learning Leadership courses in support of an initiative to transform UAEU courses to smart-learning based platforms.

CETL provides the UAEU community of educators with a premium online subscription to Lynda.com, one of the best sources of online learning and training for teachers and learners. The site is exceptional at teaching technical skills and techniques, such as software for Learning Management Systems like Blackboard, emerging teaching pedagogies like flipped classroom techniques, and teaching apps like NearPod and Socrative, as well as many other video-based training clips.

CETL offered an International Scholarship of Teaching and Learning Leadership Program (SoTL) in partnership with the University of British Columbia (UBC), Canada.

CETL continued its Faculty Fellows Program (FFP) for the second year. The CETL-FFP is structured to give individual faculty members and instructors the opportunity to serve in a leadership role in areas of professional development such as, effective teaching techniques and strategies, researching smart teaching and learning, panel discussions, forums and symposiums.



Goal 4

Goal 4

Promote the university's role in the transfer of knowledge and skills to serve society

To reinforce the national status and international reputation of the university, and to ensure the effective transfer of knowledge and skills to our partners and the community.

Continuing Education Center (CEC)

The CEC provided training in a range of disciplines, including organizational excellence, management, languages, and technical courses, to 22 different organizations, and over 100 public courses to more than 10,000 individuals. The table below summarizes CEC's offerings over the past 12 months.

Year	Number of Courses	Number of Candidates	Courses Offered to the Public	Courses Offered to Organizations	Number of Training Hours
July - December 2015	87	6,374	103	99	4,427
January - June 2016	75	4,733	33	41	3,638

Conferences and Events

The College of Medicine and Health Sciences organized an Innovation Week. The exhibition area showcased animated scientific articles, and the work of innovators such as Mr Ashraf El Sadeq from Sudan, who invented the affordable Gesture Control Armband for amputees, and the work of the youngest Emirati inventor, Fatima Al Kaabi, who showed medical students that they are not too young to start inventing, and that there is no limit to resources available to them. Also invited were innovators from outside fields, to widen students' perspectives, and to model ways of turning their ideas into reality.

The College of Medicine and Health Sciences celebrated the 10th anniversary of the graduation class of 2005 and hosted the 12th CMHS Alumni meeting.

In celebration of Emirati Women's Day, the College of Medicine invited three inspiring Emirati Women, Dr Alia Al Bawardi, Dr Saeeda Al Marzooqi and Dr Alia Ghaladari to speak on Women in Innovation.

The College of Information Technology co-organized and hosted the Video Games Conference: Cognition, Education and Simulation, and the 9th IT Marathon contest for school students and students with special needs, to encourage school students to pursue an IT-related discipline in their future education and careers. In addition, two workshops, the Marshmallow Challenge and CodeJam, sponsored by global software company SAP, were organized for all high school teachers who participated in the IT Marathon event.



9th IT Marathon

The Department of Sociology invited Professor Dale Eickelman, of Dartmouth College, USA, to deliver a lecture on The Modern Face of Education in Oman.

The Geography Department organized the 3rd Geography Research Day Exhibition, World Water Day and the GIS (Graphic Information System) Career Forum.



3rd Geography Research Day Exhibition

The minor in Fine Arts organized a student art exhibition in May 2016.

The Student Academic Success Program (SASP) organized an Academic Olympics event designed to ignite a spirit of competition, creativity and innovation among students, and which unearthed hidden talents.

The Khalifa Center for Genetic Engineering and Biotechnology, in cooperation with the College of Food and Agriculture, organized a symposium on integrative plant biology.

The College of Science organized a Chemistry Day and Science Exhibition at the United Arab Emirates University.



Chemistry Day

UAEU organized a Future of Science Parks symposium.

The first UAEU Annual Research and Innovation Conference was held.



UAEU celebrated 44th National Day.



The College of Food and Agriculture held its annual Food and Agriculture Festival (2016) under the banner of A New Era in Food and Agriculture.



The College of Humanities and Social Sciences organized a Heritage Day event (Nov 2015).



UAEU hosted the Higher Education Sports Federation Taekwondo Championships (Mar 2016).



World-renowned primatologist, environmentalist and UN Messenger of Peace Dr Jane Goodall visited the UAEU to present her talk, Reason for Hope for Our Planet (Jan 2016).

The Year of Reading 2016 initiatives were launched to support the government drive to encourage a culture of reading across the UAE, including the Book Club, the Read with an Official initiative to encourage reading among the administrators and faculty members, the Library in My Room program, aimed at the university housing students, and the Book in My Vehicle program to support reading everywhere. In addition, the Reading Center was established through University College.



Reading Carnival (April 2016)



The Physics Department in the College of Sciences at the United Arab Emirates University organized a light festival as part of the UNESCO International Year of Light and Light-based Technologies 2015 (IYL2015).



IYL2015



The United Arab Emirates University hosts the Second Al Ain Jiu-Jitsu Open Championship with international participants.



MOUs

The College of Business and Economics and Borouge Private Limited, Abu Dhabi, signed a Memorandum of Understanding (MOU) to support the goals of the UAE.

The College of Law signed an MOU with the Supreme Legislation Committee.

The Department of Psychology and Counseling signed a contract with Abu Dhabi Education Council (ADEC) to develop a proposal for licensing school psychologists, and prepared MOUs to be signed with Abu Dhabi Health Services Company (SEHA), the Ministry of Health (MOH), and Dubai Health Authority (DHA) to provide placements for interns.

UAEU signed an MOU with ADEC for mutual cooperation in areas including the development and revision of curriculums for the different stages of government education, working to meet the needs of ADEC, the technical training of educational and administrative bodies at government schools, promoting innovation, creativity and entrepreneurship among students, emphasis on modern teaching methods, and learning according to international standards, to qualify graduates to keep abreast of development on all levels. The MOU also included areas of mutual cooperation for internships.

UAEU and the Ministry of the Economy signed an MOU to cooperate in areas of common interest to help achieve Abu Dhabi Vision 2030 and to diversify the economy of the UAE.

The Department of Geography and Urban Planning received a delegation from the Department of Geography at Qassim University, Saudi Arabia, as part of UAEU's strategy to strengthen academic and research partnerships with other institutions and universities.

The College of Science held a meeting with graduate students from Hohai and Beijing Universities to discuss cooperation in education and scientific research.



UAEU signed an MOU for Exploration and Production with the Total company to enhance cooperation between the two parties in areas of common interest (April 2016).



UAEU signed an MOU with the National Rehabilitation Center to contribute positively and effectively to health, research and social issues in the community (April 2016).

UAEU signed an MOU with the Supreme Legislation Committee to promote joint action to consolidate the role of law in creating an integrated society based on mutual understanding.

UAEU signed a strategic partnership agreement with the Al Hameli International Group.

Community Outreach Initiatives

The library continued to train numerous government and community organizations for protracted periods, in which trainees received hands-on knowledge in all library operations.

Members of the Department of Accounting engaged in community outreach initiatives including the training of Emirates Steel Executive Management on risk management, and business consultancy with local and regional enterprises.

The College of Medicine and Health Sciences hosted an educational event at Bawadi Mall for World Tuberculosis Day, and organized a Control Your Health campaign and a public information awareness event for World Digestive Health Day, 2016.

The Department of Nutrition and Health provided professional training opportunities and workshops for government and industry. The Department of Arid land continued to support companies in the public sector, and individuals, through performing analyses of soil, water, plant, and animal fodder samples, and providing assistance with the interpretation of the results.

College of Information Technology faculty members evaluated and revised subject curriculums on information technology offered by the Ministry of Education and ADEC.

The College of Law in collaboration with the Ministry of Justice Institute of Training and Judicial Studies provided a training course for lawyers, and, in collaboration with ADEC, a training course in modern educational strategies for teaching Islamic education and recitation. They also continued to offer free legal consultations and services to different sectors of society through their legal clinic.

College of Education faculty members conducted training programs, such as the Gulf Forum 2015, organized by the Ministry of Education, and were involved in the ADEC Curriculum Evaluation Committee. Faculty members in the Special Education Department were actively involved in conducting specialized workshops and seminars in sign language, learning disabilities, sensory impairments, language and communication disorders and autism. They also served as juries in the Princess Haya, Shamsa, Hamdan, Ajman, and Ministry of Interior Affairs Awards for research.

The Department of Philosophy faculty members regularly reviewed papers and visited schools to raise awareness of the benefits of studying philosophy at university. Dr Ann Scholl continued as co-chair of the Kings College Clinic and the NHS Abu Dhabi Ethics Committee.

Department of Sociology faculty members developed a new curriculum for humanities and social sciences with the Ministry of Higher Education. They served as an expert for the Marriage Fund, to develop the UAE Social Cohesion Report. They delivered training on research skills for the Ras Al Khaimah Women's Social Development Association, and served as experts for the Dubai Women Establishment project, Arab Women: Understanding Women Leadership in the Arab world 2016. Dr Tatiana Karabchuk was invited to serve as an ambassador of the Asian Council of Science Editors in Dubai.

To raise health awareness in the community, the Multaqa Social Club held a lecture on breast cancer awareness.



On World Heart Day, UAEU organized a Health Campaign for the university community (Oct 2015).

As part of the Yes to Volunteering initiative to care for people with special needs, the Student Activities Section organized an event called Orphan's Smile, sponsored by the Zayed House for Family Care and the Majid Channel, in May 2016, in the UAEU Crescent Building.

The Geological Museum and laboratory received more than five public and private high school visits from at least 150 students, to inform students of the scope and importance of geosciences.





Goal 5

Ensure that administrative services are provided with a high standard of quality, efficiency and transparency

To ensure that institutional services, infrastructure, and finances provide the best possible service and support to the core university activities of research and education.

Technological Transformation

The University Information Technology Sector (UITs) completed a number of projects and upgrades to improve the university's service offerings some of which included:

- Developing an online application for document requests for alumni and enrolled students
- Developing an online application facility for student withdrawal
- Developing an online application system for student registration postponement
- Developing an in-house web-based system to allow students to register a special needs request
- Developing an online application system to track and manage the use of sports and recreational facilities
- Enhancing the UAEU mobile app by developing additional services and features
- Developing an online system to allow current and alumni students to build an employment profile, search the university job database, and apply for jobs online
- Integrating the CurricUNET Course Catalog Management System with Banner for consistency of information with the UAEU curriculum and program data
- Implementing Office 365 for all UAEU employees

The General Services Department equipped their vehicles with new state-of-the-art navigation systems.

Continuous Business Improvement

The university replaced 25 buses with new models to ensure the best quality of comfort, security and safety for students.

The College of Information Technology (CIT) developed a research partnership with the Abu Dhabi Music and Art Foundation to develop an artistic robot, a project for which CIT received funding to implement. The Media Lab, soon to be named the Robotic Lab, is undergoing a huge upgrade to advance its capabilities to engage the community with advanced robotics projects.



A robust smart teaching and learning environment has been accomplished at UAEU via a systematic course transformation initiative, the ultimate goal of which was to establish and entrench a culture of smart learning into the fabric of the university. The Center for Excellence in Teaching and Learning (CETL) developed detailed guidelines and assessment criteria to achieve this, with a course transformation timeline. CETL is currently facilitating and supporting approximately 30 undergraduate degree courses using contemporary educational technology (Ed Tech) informed by effective and research-backed pedagogical methodology. The project has involved carrying out needs analyses of courses, facilitating on-going group and bespoke teacher training, the development of new resources, such as the creation of iBooks and iTunesU courses, and continuous evaluation and evolution of courses post-transformation, with consistent, expert support.

The Secretary General's Division is responsible for providing a range of business services in support of the university through five departments: Financial Affairs, Human Resources, General Services, Facilities Management, and Procurement. Noteworthy achievements include:

- The implementation of an online Vehicle Reservation System for academic and administrative departments
- The procurement of 25 new mobile navigation devices to enable drivers to identify the points of their required journeys with ease
- The replacement of 25 buses with new ones of higher quality, and specifications that ensure the comfort, security and safety of our students
- Enhancing the follow-up and monitoring of tenders and purchase orders
- Preparing the five-year budget plan for 2017-2021
- Implementing a second-level manager development training program targeted at department directors
- The Facilities Management Department achieved certification OHSAS 18001 for Occupational Health and Safety Management Systems
- The new Maqam 4 Residence Hall

To ensure student success, library staff conducted 23 library instruction sessions for 598 students during the 2015-2016 academic year. As a related activity of outreach, they also conducted more than 20 library orientation tours for around 500 visitors from various institutions and schools.

The library also arranged the training of students and faculty members to use databases relevant to their fields of study, and provided instruction on the ethical use of information, advice on correct citation management, and offered instruction on specific research assignments.

During the year, the library team undertook an evaluation of electronic holdings, and completed the subscription renewal process for over 55 information products in the form of databases and journal packages. They also arranged trial access to various databases recommended by faculty for consideration for future purchase to add to the resources available.

The library elevated its valuable support for the creation, discovery, sharing, and preservation of the university's research bank by establishing the UAEU's digital institutional repository, Scholarworks, accessible through Digital Commons. In the past year, the library set up Scholarworks and began the ongoing mission of populating it with UAEU intellectual content in the form of theses, dissertations, UAEU-produced journals, and patents, sharing these resources with the rest of the world.

Financial Statement

- Revenue and Expenditure Statement for the End of the Year 2015
- Balance Sheet for the End of the Year 2015

Statement of Revenues and Expenditures for the Year Ending 31/12/2015

Revenues	Amount (AED)
(1) Unrestricted - Federal	1,532,605,016.18
(2) Restricted - Government and Other	238,361,530.87
(3) Allotments	240,722,050.43
Total Revenues	2,011,688,597.48

Expenditures	Amount (AED)
Unrestricted - Federal	1,532,418,999.00
Restricted - Government and Other	95,027,594.57
Allotments	69,474,071.38
Total Expenditures	1,696,920,664.95

(4) Ending Fund Balance	Amount (AED)
Unrestricted - Federal	186,017.18
Restricted - Government and Other	143,333,936.30
Allotments	171,247,979.05
Total Ending Fund Balance (Revenues-Expenditures)	314,767,932.53

Financial Position as of 31/12/2015

Assets	Amount (AED)
(1) Cash at Banks	639,225,504.65
(2) Account Receivables	75,563,984.88
(3) MOF Account Receivable	108,292,511.29
Total Assets	823,082,000.82

Liabilities	Amount (AED)
(4) Trade Payable (Suppliers)	23,084,671.31
(5) Commitments Payable	380,387,380.45
(6) Other Current Liabilities	98,701,625.88
Total Liabilities	492,719,404.59

Ending Fund Balance	Amount (AED)
Previous Year's Surplus (Accumulated)	6,140,390.65
Other Current Liabilities	314,767,932.53
Total Liabilities & Fund Balance	823,082,000.82

Notes:

1.	Government Funding and Other Revenues	1.	Bank Account Balance as of 31/12/2015
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.	Accumulated Deficit from Previous Year
4.	Surplus/Deficit	4.	Amounts Due to Suppliers and Contractors
		5.	Commitments Carried Forward from Previous Year
		6.	Salaries Payable, End of Service Benefits, Retentions, Deposits and Others



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