

The UAE University

AnnualReport

for the Academic Year 2010 - 2011



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"We begin this new academic year with high optimism and strong confidence in the bright future of this university. This future is based on our clear vision of the university's leadership role in the progress and development of the country. This vision is focused on student success and emphasizes the value of research and its role in shaping the university's future as a leading center of innovation in the United Arab Emirates. It is a clear vision that strives for an advanced position among the universities of the world and closely links the UAE University with useful developments around the globe."

HH Sheikh Nahayan Mabarak Al Nahayan





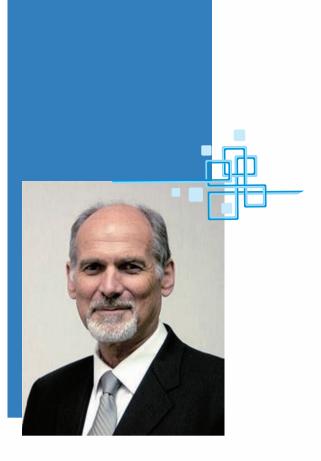
Message from the Vice-Chancellor

and the Provost



"I look forward to being able to continue to recognize the outstanding research work of our faculty in future. UAEU has taken decisive action over the last two years to increase substantially our research contributions in areas of direct relevance to the Nation. As we have done this we have significantly improved the global standing both of our research and of our educational programs. UAEU will continue to provide research solutions of genuine value to the Nation at the same time as educating and training the nation's future leaders and problem-solvers."

Dr Abdullah Saad Al-Khanbashi,
Vice-Chancellor



"The learning environment of a researchintensive university is very rich and helps prepare young people for a broad range of futures. It is much more of an education than just training and I think we'll remain attractive to very high quality students."

"Research is absolutely critical to the development of any society. There is enormous potential in the UAE and much excellent research is being undertaken but we are not yet punching above our weight. We need to look very closely at every stage of education to ensure the pathway to top-class global scholars is supportive from the very beginning. This requires a productive environment for building research capability and some key investments. If we are brave we can achieve this."

Professor Wyatt R. Hume,
Provost

At the conclusion of this thirty-fourth year of the United Arab Emirates University, it is with pride to once again acknowledge the UAEU's contribution to the development of a knowledge economy in the Country. This report summarizes the progress made with the transformation of the first and oldest National University during the 2010/ 2011 year.

This year the University again improved its international statue, now being ranked by QS World University Rankings at number 372, and for the first time this year at number 235 in the Arts and Humanities and at number 202 in the Life Sciences. During this year, accreditation and academic recognition was received by the Faculties of Education, Engineering, and Science.

Over the last two years, the UAEU has taken decisive steps to increase its research output and in 2010/2011 has once more provided research solutions of genuine value to the Nation, at the same time having maintained its leading role in educating and training the future leaders and problem solvers of the UAE. That research, which is now at the core of university life, was captured in the UAEU Education & Research 2011 event held in Abu Dhabi. In addition to the over 100 research projects on display, the new research search engine was launched that has enabled industry, government, and other academic institutions to partner with the UAEU in research of relevance to the Nation and Region.

Research funding from internal resources was

increased while additional partnerships with external funding agencies has resulted in the UAEU currently overseeing 479 Research Projects. The PhD program expanded this year and now has 70 students representing six Faculties, with one third of these students being Emirati Nationals and many of the remaining students being lifelong residence of the UAE. The university eagerly awaits a fully funded national research agency to continue to expand its contribution to significant research in the country, region, and the world.

The UAEU enhanced its visibility and recognition as a national and international resource providing influence and expertise. During 2010/2011 it was instrumental in the development of the Foundation Articulation Agreement, the ongoing implementation of the UAEU-HCT Partnership, and K-12 Reform through the UGRU-High Schools Outreach Initiative. The university collaborated with Ministries, Departments and Councils on a wide range of topics in support of continuous development of the Nation.

With more than 51,000 Alumni, many of them now holding senior positions within government and private



industry in the UAE, the university launched its Alumni website that is dedicated to enhancing the special relationship between Alumni, their Departments, and faculty members.

The UAEU maintained distinguished company with the likes of the University of Oxford, the University of Cambridge, Stanford, University of California Berkeley, and University of Washington, to name just few of the numerous partner institutions. Evidence of UAEU's excellent reputation with external partners and stakeholders can be found in the many diverse Memorandums of Understanding signed during the year, as well as the numbers of external visitors that flocked to the UAEU like; the Minister of State for Foreign Affairs, Ambassadors from the US, South Korea and Finland, and the former Arabic translator and interpreter for Queen Elizabeth.

The lifeblood of any university is its students and the UAEU is no exception when it comes to the ever improving caliber and capabilities of its students. With the focus on their holistic development students were exposed, through the appointment of the new Emirati National Dean of Students, to a complete undergraduate experience that included academics, mentoring, and social activities. Residence and campus life provided students with opportunities to learn, experiment, grow, and develop, all in a safe, secure and nurturing environment. Students won both local and international awards, travelled internationally and locally, participated in social clubs, and reached out to those less fortunate than themselves through both volunteering and fundraising. A pleasing development this year was that health, counseling, and disability services were enhanced.

If students are the lifeblood of the UAEU, faculty are the heart that sustain the university. In 2010/2011 faculty were the recipients of many awards, conducted research of high relevance to the Nation, developed and improved curricular, refined undergraduate Math placement, designed a world-class Arabic proficiency test, and admirably supported the learning of UAEU students. The university is privileged to have 197 Emirati National faculty representing just over 26% of all faculty at the UAEU, and this year the first annual faculty recognition dinner was held by the Vice Chancellor for those recently promoted.

After moving into the new residence halls last year, the female students started classes on the new state-of-the-art campus and the opening of the Crescent Building later in the year brought with it easier access to the Library and to core administrative functions under one roof.

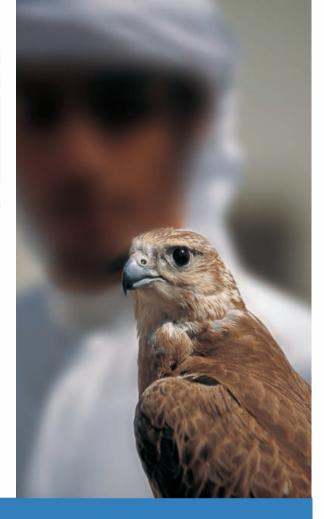
Continuous improvement occurred across a wide variety of support functions through changes in administrative policy, the automation of a number of manual, repetitive and labor intensive processes, the outsourcing of non-core services, and the updating of university-wide support services. This year also saw the implementation of the rebranding of the UAEU, which has provided the university a unique presentation and recognition as a leading educational, research-intensive institution.

The UAEU is delighted to share this 2010/2011 Annual Report with all its stakeholders that once again confirms it is committed as much today to serve the Nation as it was 34 years ago.









The Federation to be known as the United Arab Emirates (UAE) was formally established on 2 December 1971. The member emirates include Abu Dhabi, Dubai, Sharjah, Umm al-Qaiwain, Fujairah, Ajman and Ra's al-Khaimah.

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The prosperity, harmony and modern development that characterizes the United Arab Emirates, led today by President HH Sheikh Khalifa bin Zayed Al Nahyan, also the Ruler of the Emirate of Abu Dhabi, and his fellow-members of the Supreme Council of Rulers of the seven emirates, is due to a very great extent to the role played by Sheikh Zayed, both prior to the formation of the Federation and in the nearly 33 years that followed until his death in November 2004.

The City of AI Ain is an ancient city, central to the cultural heritage of the UAE and the birthplace of HH The President Sheikh Khalifa Bin Zayed AI Nahyan. It remains close to the heart of the royal family and the people of the 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 ancient falaj water systems.

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

Mother Nature has been generous to the land-locked mountainous city. Its attractions include the Al Ain National Museum, the Al Ain Palace Museum, several restored forts and the Hili Archaeological Park site dating back to the Bronze Age. Jebel Hafeet, a 1,340-metre-high mountain, dominates the surrounding area. It is popular to visit the mineral springs at the base and to drive to the mountaintop at sunset. Other places of interest include; the Al Ain Oasis in the city center, other oases dotted around the area offering cool retreats in the middle of the summer heat, Al Jahili Fort, the Camel Market, many well-maintained parks, and a heritage village.

This year the City of Al Ain joined the prestigious list of UNESCO World Heritage Sites for its rich cultural heritage with the likes of the dome-shaped tombs of Hafeet, the man-made water system of Falaj, and the cities lush oases.

A cultural retreat, Al Ain also hosts annual events including the Al Ain Classical Music Festival. The city has first class hotels, a golf resort, shopping malls, restaurants, and a wild-life park.

This academic year saw the University take up residence in the first phases of the new state-of-the-art campus in the Magam area of the city.

The "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 development needs and will guide further planning for new development. It is projected the city will grow over the next 25 years and planning is in place to accommodate population growth without overdevelopment, depletion of ground water resources, or encroachment on vital natural habitats or heritage sites. This is essential to preserve the city's natural assets which give Al Ain its unique character.







Basis of Authority

The United Arab Emirates University was established by the President of the UAE, His Highness Sheikh Zayed Bin Sultan al Nahyan (may his soul rest in peace), by virtue of Federal Law 4 of the year 1976. UAEU is a research-based institution providing research solutions to support the UAE and, through its global partners, the wider world.

UAE University Council

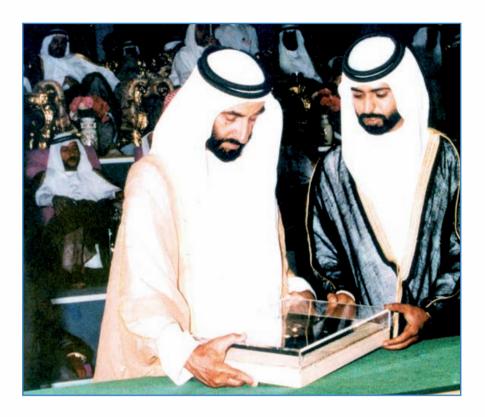
The UAE University Council is the governing body responsible for the management of the academic and administrative affairs of the University.

Faculties and Departments

UAEU has nine faculities through which academic staff conduct their teaching at undergraduate and postgraduate levels while pursuing research and scholarly investigations. The University General Requirements Unit (UGRU) offers a preparation program to ensure that students are adequately prepared for university study.

UAEU Faculties provide comprehensive opportunities for study and careers to more than 12,300 students offering a full range of undergraduate and graduate degree programs. The University offers 71 Bachelor's degrees, 23 Master's degrees in 9 Faculties, and the UAE's first national university PhD program offering 3 Doctorate degrees with 70 students in six Faculties.





University Management

The Vice-Chancellor is responsible for the management of the university as well as the overall direction of institutional planning, budget and financial activities, and external relations.

The Provost is the Chief Academic Officer and Chief Operating Officer responsible for undergraduate education, research and graduate studies, and services that support the academic mission of UAEU.

The Secretary General is responsible for services that support the academic mission and includes finance, budget, facilities management, human resouces, auxiliary services, and safety.

The Deans are the heads of Faculties, which are groupings of academic disciplines, through which the academic staff conduct teaching at undergraduate and post graduate levels, and pursue research and scholarly investigations.

Research Emphasis

Research is the engine that drives advancement in technology, agriculture, medicine, law, the economy and science; the development of research drives policy and underpins growth. UAEU, the research engine for the nation, continues to develop this strong research mission.

Student Life

Students from all seven Emirates plus more than

20 countries enrich and enliven the campus and the classrooms. The 7,200 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 student's academic program. Classrooms and labs feature state-of-the art equipment and instructional technology to enhance student learning and contribute to academic success.

Graduates

The more than 51,000 UAEU graduates 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.

Staff

Thirty-two faculty members were promoted this year and 94 faculty were recruited during the year under review. Thirteen nationals were appointed through the National Teaching Assistants (TA) Program, all of whom have been sent abroad to pursue their graduate studies, while three TA's obtained their PhD's and were appointed as Assistant Professors.

The UAEU prides itself by employing 192 Emirati National faculty, which is over 26% of all faculty, confirming that the university is truly a National university.





Wide Range of Strong Bachelor's Degree Programs

UAEU recognizes its special responsibility to the community by making knowledge and resources readily accessible. More than 730 faculty members add unique quality to every undergraduate degree and unparalleled academic opportunities for students.

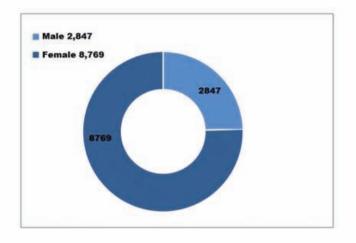
In 2010/2011 UAEU: distributed enhanced recruitment materials to more than 26,000 prospective students and secondary school personnel; processed applications and admission for 5,100 new undergraduate and graduate students; scheduled 9,300 courses and final examinations; conducted on-line registrations for 40,500 students; processed and recorded 99,600 final grades; verified degree completion and prepared and distributed diplomas for 2,850 graduates; issued 14,350 official transcripts and attestations; and billed graduate students and sponsors for tuition and fees in excess of AED 11.5 million.

Transformation of the UAEU

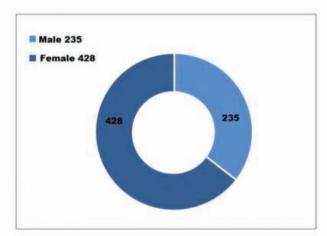
Significant progress has been made this year towards the transformation of UAEU. The strategy is outlined in six core goals, which form the basis of this Annual Report and for which details are contained in the following pages.

UAEU Students in Numbers

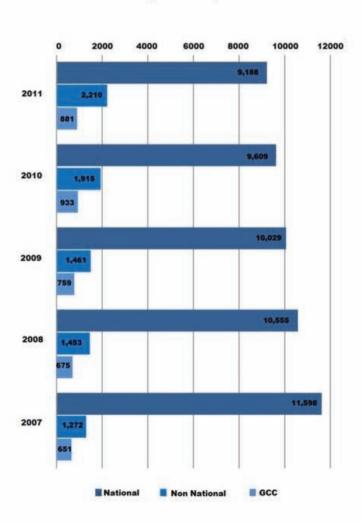
Undergraduate students - Year 2011



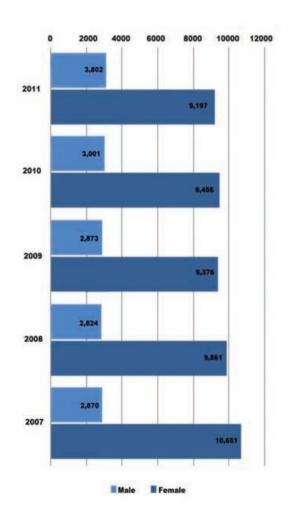
Postgraduate students - Year 2011*



Enrollment statistics by nationality



Enrollment statistics by gender



^{*} Includes the graduate diploma students







August 2010

HE Sheikh Nahayan Bin Mubarak Al Nahayan visits new AED 4.4 billion campus

The Chancellor officially inaugurated the new 'cloud' network, which provides an interactive learning environment for UAEU students, in preparation for the start of Fall 2010 classes for female students on the state-of-the-art new campus.

September 2010

Faculty of Engineering obtains ABET Accreditation

This international accreditation by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology confirms the quality of the UAE higher education system and the UAEU in particular.

October 2010

Guest Speaker at UAEU Convocation, Professor Andrew Hamilton, Vice-Chancellor, University of Oxford

His Highness Sheikh Nahayan Bin Mubarak Al Nahayanm Chancellor of UAE University, delivered the keynote address and welcomed new faculty at UAE University's 2010/2011 Convocation on 10 October 2010. Professor Andrew Hamilton, Vice-Chancellor, University of Cambridge was the guest speaker.



November 2010

Ten Year Partnership Signed Between University of Cambridge and UAEU

His Royal Highness Prince Philip, Duke of Edinburgh and Chancellor of Cambridge University, and the UAEU Chancellor signed an agreement for a 10 year partnership between the University of Cambridge, through the Judge Business School, and the United Arab Emirates University.



December 2010

UAEU Wins 73% of Grants Awarded by Emirates Foundation

UAEU was awarded 41 grants out of the 56 given by Emirates Foundation for continued research to benefit the country, the value of grants being up to AED200,000. Winners were required to train two young Emirati Nationals.

January 2011

Royal Society of Chemistry Accreditation

The UAEU became the first institution outside of the UK to receive accreditation by the RSC for its Bachelor's degree in Chemistry, bringing further recognition of the international standard of the program.



February 2011

UAEU First DBA Program Launched

The first cohort for the Doctorate of Business Administration program started with 20 students and will assist talented executives to formulate new practices, which will further sustain global leadership from this region.



March 2011

UAEU Education & Research 2011

This high profile event followed the theme "Investing in Knowledge for the Future" and was held under the Patronage of His Highness General Sheikh Mohammed Bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces and in the presence of the UAEU Chancellor and other dignitaries.

April 2011

Khalifa Award for Education Recognizes UAEU Faculty

Two faculty were recipients of Khalifa Awards which recognizes excellence in the field of education of individuals, schools and institutions. The awards were in the categories; Distinguished Professor in Scientific Research, and Projects and Innovative Educational Programs in the UAE and the Arab World.

May 2011

Job Navigator Launched for Graduate Employment

The purpose of Job Navigator is to increase job placement opportunities for UAEU graduates offering them easy access to career opportunities provided by employers.



June 2011

Official Launch of Alumni Website

The bilingual Arabic and English website was launched by the Chancellor in the presence of Their Excellency's Members of the University Council. With over 51,000 Alumni, this website recognizes the special relationship that exists between Alumni and the UAEU.



| Goal 1 | Building | Institutional Capabilities

The administrative culture of UAEU has been transformed to one of policy, delegation, audit and accountability, in order to increase creativity and the effective use of resources. Attention is focused on human resource matters to ensure optimal performance. Budgetary processes have been realigned to support the Chancellor's vision and the processes of change necessary for its realization.

A coordinated set of actions internal to the University have been introduced to ensure both accountability and ongoing improvements in the quality of our programs. Changes in administration were based on a dynamic strategy that categorizes system and process improvements into three types, and aims to automate processes that are paper-based, manual, error-prone, repetitive and/or labor-intensive, to outsource functions that are not core to its mission in order to access world-class capabilities and improve service quality, and to use key performance indicators and the University's performance management framework to monitor systems and processes for continuous business improvement.



Automation

The automation of manual, repetitive and laborintensive processes during the past year included the:

- use of crystal reports for year-end closing activities
- revision of the chart of accounts to meet the requirements of the Ministry of Finance
- implementation of an E-Fax system allowing users

- to send and receive faxes directly from their PC's
- development of three online training and development tracking systems to track employees credentials, training sessions attended, and the presentation and attendance at conferences
- creation and implementation of a workflow solution for publishing and printing
- design of an in-house developed e-procurement system
- implementation of a secure e-payment system with two major banks

In addition the UAEU is investigating automating utility payments, a procurement planning system, and the replacement of the online recruitment system.

Outsourcing

Two main functions were considered for outsourcing during 2010/2011, with an agreement being reached to outsource the external maintenance and landscaping services, while negotiations are at an advanced stage, with an international company with a long history in the region, for transportation services.

Continuous Business Improvement

During the 2010/2011 year the following systems and processes were introduced:

- a Customer Service Desk in the main entrance of the Crescent Building, the location of the main UAEU administrative hub, providing walk-in visitors and employees with a variety of assistance
- the creation and dissemination of User Guides for all internally developed general services
- a printing center that will produce UAEU branded soft goods
- enhanced employee exit and end-of-service benefit payment processes
- an upgrade and enhancement of Banner
- recommendations, pending final approval, for consolidated position titles and the job evaluation process

Administrative Culture

Changes in systems, processes and human resources have transformed the university with the implementation of new procedures originating from finance and HR, while staff have attended a variety of professional development programs offered both



internally and by external providers. Many Faculties have incorporated changes and streamlined their administrative processes, allowing them to concentrate on their core academic functions.

Faculty Recognition

Faculty continue to be recognized for their scholarly contributions and amongst others have won the Award of Abd Hamid Shouman for Young Scholars, Young Arab Researcher Prize, Princess Haya Award in Outstanding Research in Special Education, the Taryam Omran Appreciation Award for excellence and creativity in the Media, and the Sheikh Khalifa Award for Education in which two faculty were recognized; as a distinguished professor in scientific research and for innovative educational programs.

The first faculty recognition dinner was held by the Vice Chancellor in honor of the faculty promoted at the beginning of the new academic year.

Rebranding UAEU

One very key element of the UAEU Transformation Plan was to strengthen its brand identity both inside the UAE and world-wide. Consulting extensively across the university and with input from a professional firm, the new University brand was launched and implemented during 2010/2011 that gives the UAEU its own unique presentation and recognition as a leading educational, research-intensive institution.

Student and Employee Surveys

The Course and Instructor Surveys conducted this year to solicit student feedback for the purpose of ongoing

improvement, questions which are given in both English and Arabic to ensure full comprehension, show that instructors received an overall approval rating of 96% for Foundation courses and 97% for ESP courses. Courses received approval ratings of between 80% and 90%. Student evaluations show faculty members were consistently rated highly by students.

The second Annual Employee Satisfaction survey was conducted in the Spring 2011 semester with the prime objective of assessing employees' perceptions about the organization and to evaluate their satisfaction with the quality of services provided by UAEU. A high percentage of respondents completed the survey with a high proportion agreeing that their jobs are important and their managers treat them with respect. Two-thirds said they would recommend the UAEU to friends and others as a place to work while 60 percent agreed that employees receive quality services from the UAEU.





|Goal 2 | Strengthening | the Education Experience



This goal of the transformation strategy aimed at re-conceptualizing and reforming undergraduate education within a research culture and the implementation of an enhanced residential life experience. To accomplish this, undergraduate and graduate education continues to be reviewed and evaluated, and changed if necessary, to ensure a new generation of young Emirati leaders to manage the country's future.



This process of review and evaluation strengthens the University and confirms its role and function in nation building. This was done through two main changes; the evolution of a unifying undergraduate educational experience within a research culture coordinated by the Dean of Undergraduate Studies, and the enhancement of residential life reflecting international best practices while respecting the cultural expectations of the Nation. These changes have allowed and supported a range of extracurricular enhancements to the student experience.

Accomplishments to enhance student experiences included the following highlights:

University College

The committee to develop a plan for the proposed University College submitted its report in Spring 2011. The University College will provide an umbrella organization responsible for the undergraduate experience, including preparatory studies, the core curriculum, the first-year experience, student services (advising, learning skills assistance, career planning and placement), and residential and campus life.

Residential College

The first full year of operation of the women's Residential College set the college on a distinctive path, with an enriched program of intellectual and cultural activities for residents. The college included both undergraduates from the several Faculties and graduate students. Plans for the future

include considering what theme to adopt—e.g., leadership, environment, community service—for the college's activities.

Residence Life

The residence halls provided a safe, clean and stimulating environment by supporting opportunities for cultural and social learning, community living and experiences, and leadership training. For the first time this year counseling offices were available in the residence halls through the support of the Psychology Department in the Faculty of Humanities and Social Sciences (FHSS). Residence Life Coordinators and Residence Assistants received extensive training that included; understanding normal and abnormal behavior, developing good relations between students, self care, conflict management, first aid, and other professional development opportunities.

Campus Life

With Student Affair's belief that student success is embedded in the holistic experiences of students, this year saw the investment in multiple opportunities to create lifelong relationships and memories by being involved in a community of peers. Students were exposed to student wellbeing, student learning, multicultural development, character development, community responsibility and standards, and team development.

Student Services

A number of initiatives were undertaken by student affairs relating to services to students, three of which were:

- Health Services were enhanced through the licensing of two clinics for female and male students respectively, two ambulances were equipped with support from the Ministry of Interior, a second female GP was appointed, and the 1st Exhibition and Forum for Health, Nutrition and Fitness was undertaken in collaboration with university partners.
- Counseling Services were refocused with services being opened in two residence halls, the inclusion of evening shifts, and targeted personal counseling to support the residential college's focus on career counseling.
- The Disability Centre extended its services by drafting its polices and procedures, acquiring assistive technology tools, and organized the first Disability Services Forum focusing on best practices in special education.

Criculum Development, Accreditation and Certification

The MBA program was introduced to the Al Ain community while the DBA program accepted its first intake in Spring 2011, predominantly with UAE National students and a number of universities have been contacted to partner with the UAEU to help supervise dissertations. the Faculty of Business and Economics (FBE) worked with the external Board of Executive Advisors, identifying research areas as well as assisting the UAEU to refine it Economics program.

During this period the Faculty of Education (FEDU) received international recognition from the Center for Quality Assurance in International Education (CQAIE) for its undergraduate program for the second time and for its graduate program for the first time. New multidisciplinary Master's programs were developed in Educational Leadership, Curriculum and Instruction, and Special Education, while the PhD program (Mathematics Education, Science Education, Language Education, Special Education, and Educational Leadership) initiates its first cohort in Fall 2011. The goals of these programs is to meet the needs and aspiration of teachers, principals, and other school professionals who are eager to improve and update their professional status. In addition curricular changes were made within Early Childhood, Special Education, and Elementary Education.

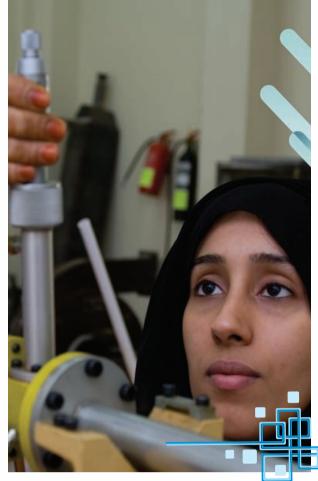
The General Linguistics Program, within the FHSS

introduced a minor concentration in Aphasia and the Mass Communication Department streamlined its curriculum from four tracks to two; a broadly defined journalism track that incorporates print, broadcast, and online reporting components, and a strategic communication track which includes public relations, advertising, and audience research components. The Department of Translation Studies introduced students to a third language, French, set up a translation lab, and modified its curriculum to meet international standards.

The Faculty of Engineering (FOE) B.Sc. programs Chemical, Architectural, Civil, Electrical, Communication, Mechanical, and Petroleum Engineering have obtained full accreditation by the Engineering Accreditation Commission (EAC), which accreditation extends retroactively to October 2008. In addition the graduate level common courses such as Math, Statistics, GIS, EIA, and Engineering Management were standardized for consistency and transferability. The B.Sc. degree in Chemistry in the Faculty of Science (FOS) at UAEU was awarded accreditation by the Royal Society of Chemistry, UK, (RSC) in Fall 2010 and was the first program outside the UK to receive this prestigious award. The B.Sc. in Chemistry now has the unique distinction of accreditation by professional societies both in the UK and North America (Canadian Society for Chemistry).

The FOS once again reviewed its curricula benchmarked against international universities.





Chemistry was benchmarked with various highly recognized US universities such as University of Michigan, and University of California at Berkeley. Mathematics was benchmarked with the University of Colorado, University of Maryland, University of Pittsburgh, Purdue University, and University of California at Los Angeles. Physics was compared to other distinguished regional and international universities such as KFUPM, SQU, University of Delaware, University of Colorado, and University of Alabama. Geology was benchmarked with the University of Colorado, University of Southern Illinois, and University of Calgary, while Biology was benchmarked with Stony Brook University, University of California at Berkeley, University of Illinois, University of Wisconsin-Madison, and Auburn University.

Undergraduate Math Placement

With the successful pilot of the COMPASS-Math test in UGRU for the past two years, UAEU has adopted the test for preparatory Math placement and exemption. COMPASS-Math already enabled an increasing number of students to prove they have the Math skills necessary to directly enter Faculty courses. Preparatory Math studies are modularized into 8-week sessions targeting specific Algebra, Faculty Algebra and Trigonometry deficiencies to accelerate progress in preparatory Math and enable students to enroll in Faculty Math and Statistics courses more quickly.

Student Achievements and Successes

For the second year in a row the female students

from the Faculty of Food and Agriculture (FFA) won the Inter-Faculty Cultural Cup 2010. The 2011 Inter-Faculty Challenge saw the female students from FOS winning, while the male competition was won by the Faculty of Medicine and Health Sciences (FMHS) students.

Two Mechanical Engineering senior projects won prizes at the GCC Student Design competition; 1st prize went to the design of a system to study and control the drag impact on moving vehicles and 3rd prize went to a self-maintained system for the production of diesel from algae.

Engineering students, for the second year, won the Ethics Competition organized by Khalifa University, while the UAEU Chemical Engineering students won the AICHE Abu Dhabi Section Quiz Competition.

An Electrical Engineering student in the FOE won the Hamdan Bin Rashed Award for College students and was one of the first Emirati students selected for a summer Internship at NASA Ames research lab.

UAEU students came first in the First UAE Festival for Universities Theatrical Performances in Sharjah, and came third in the First International University Arabic Debate Championship in Qatar.

Student Enrichment

Students from FBE formed the first student council and initiated a number of projects including a FBE promotion and recruitment video and the TEDx program with the Al Ain Municipality.

Eleven German female students from Osnabrück University of Science & Technology, Germany, spent 10 days in the Department of Food Science in FFA on exchange, while six female students and five male students were sent by FFA to the UK and New Zealand respectively for 8 weeks to study English, strengthening their language skills in grammar, writing, reading, and speaking.

Within the FHSS, the Departments of English Literature and History, Archaeology, and Tourism co-supervised a student delegation to the Harvard World Model United Nations in Singapore, giving the students an excellent opportunity to showcase their critical thinking and presentation skills. The Geography and Urban Planning Department collaborated with National Geographic Al Arabiya to host a photography gallery and competition, while the History, Archeology, and Tourism Department founded a new club, the Heritage Club. Students in Public Relations launched the first chapter of PRESS (Public Relations Emirates

Student Society) to serve as a vehicle for practical learning and mastery of the main elements of the work of public relations practitioners. "Voices", a magazine of student's creative writing and art, was launched in the Department of English Literature.



A special visit occurred by the former translator and interpreter to Queen Elizabeth, Dr. Leslie McLoughlin, while the Translation Department also hosted the French Day with representatives from the French Embassy to promote the French language and culture.

Students from the Faculty of Law (FOL) attended a number of moot court competitions to provide them with writing, drafting, research and oral argument skills. Students went as far afield as Oxford in the UK, Washington DC in the US, Vienna in Austria, and also locally in Dubai and Al Ain. Students visited the Criminal Investigation Department of the Abu Dhabi Police to observe the nature of this department's work and how they support the courts to render the right decision.

Social clubs in the FOS are highly active and are run by students with consultation from faculty to foster a fun and enriching environment for students. The students organized a number of activities to promote an enjoyable learning environment for all students and to connect with other Faculties thereby spreading knowledge across the University. The clubs fostered academic and social support for all students through their presentations, workshops, demonstrations, tours, field trips, and local and national events that discussed the latest developments in the field.

A number of UAEU students, with the support of the iWIL Centre, attended the following conferences and events; The World Future Energy Summit 2011 in Abu Dhabi, the Abu Dhabi International Offset Conference 2011 in Abu Dhabi, the 4th AIESEC

Leadership Forum in Dubai, and the 4th Youth Leadership Gulf Conference in Dubai.

UAEU students also attended the Third Development Forum in Qatar, assisted in many conferences and events, participated in many varied sporting competitions, and many other extra- and co-curricular opportunities.

In terms of leadership and social responsibility, the first UAEU Student Council was established, theatre performances were undertaken in collaboration with the Ministry of Culture and Youth, music classes started, the UAEU Student Music band created, and parents as partners were involved in the learning experience and success of students via their participation in orientation and online links to the Student Affairs website. The Sheikh Mohamed Bin Zayed Scholars were addressed by the US Ambassador as part of their leadership development program, and many students attended the orientation session on the 2011 elections of the Federal National Council presented by the Minister of State for Foreign Affairs and Minister of State for Federal National Council Affairs.

The cultural heritage of UAEU students is of critical significance and importance to the leadership of



the institution and accordingly the Second UAE University Student Culture and Tradition Festival was held to highlight UAE heritage, folklore, poetry, and other activities of keen interest.

Student Benevolence

In Spring 2011, more than 350 students provided over 10,000 certified volunteering hours (tracked in the Meddad system) to the following organizations

and events; Abu Dhabi Police, Tawam Hospital, Al Ain Municipality, Al Ain Special Needs Club, Takatof, Yas Marina F1, the state visit of H. M. Queen Elizabeth II, Government Schools, and the UAEU. Students supported the Japanese earthquake relief, UAEU Student United Against Cancer for leukemia research and family support, Date Donation for

tool has increased job placement opportunities for UAEU graduates and has helped both undergraduate and graduate students find career opportunities related to their personal and professional objectives.

In addition, this year the iWIL Centre coordinated; the National Graduate Development Programs of



the victims of the floods in Pakistan, the inclusion of students with special needs in the Information Technology Marathon competition, and other charity and humanitarian causes during the year.

Internships

During 2010/2011, the iWIL Center released an updated version of the Internship Online System covering all functions and procedures performed by students, faculty, and internship partners. This together with the launch of the newly branded website helped visitors to better understand the internship and graduate placement processes in the university resulting in a more effective and efficient use of available resources. In addition a new channel was added for students and faculty advisors in the my.uaeu portal.

International internships were arranged for UAEU students to; the European Aeronautic Defence and Space Company (EADS) in Germany, and the world-class Global Foundries chip manufacturing facilities in Germany and Singapore through ATIC and ADEC.

FOS undergraduate students gained internship experience in various countries, such as Germany, Italy, Singapore, Oman, and Bahrain, while the Department of Physics has an active student exchange program in high-energy physics with CERN in Switzerland.

Enhancing Undergraduate Job Placement

The iWIL Center launched its new "Job Navigator" to; make recruiting from UAEU as easy and efficient as possible, solidify partnerships with public and private organizations, provide students and alumni with the needed placement services, and support the Emiratisation efforts of the UAE. The new job posting

Mubadala, the Etihad Airways Recruitment Day, the AIESEC Career Development Workshop, NAJAH, TAWDHEEF Recruitment Show, UAE Careers 2011, GETEX, the AI Ain Education & Career Fair, and established excellent partnerships with major recruitment organizations in the UAE.

Scholarly Activities

FBE held the first Islamic Marketing Conference, while FEDU held amongst others a forum on Best Practices in Special Education, the Annual Language Forum, and the 5th Students Research Forum. The FOL conducted a symposium on "Cyber Crimes" concerning the prevention of Information Technology Crimes and the 19th Annual International Conference on the topic of "Investment Rules under National Legislations and International Agreements and their impact on the Economic Development In the United Arab Emirates".

SMART Program

UAEU's Seminars in Mastering the Arts (SMART) program continued to be an enormously popular and successful innovation with this year's programs including presentations ranging from Shakespeare to creative storytelling, Arabic calligraphy, a poetry workshop, an art installation workshop, fundamentals of stage production, and a piano concert. This year saw the 2007 Prince of Poets Karim Matooq and Dr. Roger Craik visiting the university.

18 Days

The first outdoor production at the new UAEU campus was held in the outdoor amphitheater by the female students of the FHSS Fundamentals of Stage Production class. The combination of group chanting and individual vocals held the audience spellbound with the pure hearted winning over evil and where

Centers while permanent writing centers in both Arabic and English have been supplemented by the introduction of the new speaking centers allowing students to practice

for the IELTS speaking exam.

Intellectual Heart

During 2010/2011 the Library refocused its vision to be the intellectual heart of the University, a research library, and a reputable leader among academic libraries in the region. This resulted in changes to the availability of core databases, online renewal of materials, an email reference service, and web-based forms for submitting requests of offered services, all in response to patron needs. In addition students were provided opportunities to engage in critical thinking through the Library's information literacy program.

values and freedom were extolled and celebrated.

Language Infusion

Math and IT instructors in UGRU attended an in-house teacher-training course on teaching English as a Foreign Language that aimed at providing content-teachers additional skills to infuse language-learning objectives into their lessons, resulting in them acquiring a Cambridge ESOL qualification (TKT Module 1).

Technology Support

Various instructors in UGRU implemented pod-casts and other multimedia as part of their classroom activities and a comprehensive online set of "How To" video clips were created for students, covering most topics in the UGRU IT course syllabi. Over 60,000 student visits were made in a semester to the Independent Learning and Tutorial

Fulbright Scholars and Student Program

This year the UAEU once again supported the endeavors for partnership and collaboration in the area of education with world-leading American universities and institutions and participated in educational exchanges such as the Fulbright Program. Through this program, a larger number of students and scholars from both the UAE and the US, who were selected for their academic excellence and leadership potential, studied and taught in each other's country, exchanged ideas, and provided joint solutions to several problems.

This international cooperation in the area of education mutually benefited both countries as it increased the understanding of each culture and led to enhanced comprehension of both educational systems. UAEU is committed to encouraging new linkages with US educational institutions and continued to pursue an ambitious agenda of cooperation with US world-leading universities in a broad array of academic fields and disciplines.





IGoal 3 Developing the Research Mission



The University's research profile and activity has been developed to recognized international standards. This has been done through four concurrent processes. First, the research capability and level of activity within the existing university have been enhanced through targeted hires. Second, research institutes are being established in selected fields of high value to the nation. Third, a university-wide graduate research-training program has been established. Fourth, the University has upgraded its capability to access the world's library resources digitally, to transmit and share scholarly information with research collaborators worldwide and to use information technology in support of education throughout the Nation.



Ranking

UAEU is ranked as the number 1 Research University in the GCC; number 2 in the Arab World; 9th in the Muslim World and 372 globally. It is also ranked 235 for Arts and Humanities and 202 in the Life Sciences. UAEU's partnerships with institutions and scholars around the world bring an additional level of excellence to the university s research output.

UAEU Education & Research 2011

"UAEU has taken decisive action over the last two years to increase its research output to provide research solutions of genuine value to the Nation, whilst continuing to educate and train our students to be the nation's future leaders and problem-solvers. It will be an honor to welcome such prestigious guests to participate in our UAEU Education & Research 2011 event, through which we will have reached a greater audience to make clear our goals, achievements and potential with regard to research. As a result of the evening we will be aiming as an institution to establish further profitable research partnerships between UAEU and the UAE government, and private sector companies both in the UAE and further afield".

With these words the Vice Chancellor of the UAEU, Dr. Abdullah Saad Al-Khanbashi, set the stage for UAEU Education & Research 2011 – Investing in Knowledge for the Nation's Future, which was held under the Patronage of His Highness General Sheikh Mohammed Bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces.

With the Leadership of the United Arab Emirates setting out its vision for the Nation to structure growth over the coming years; encapsulated in a number of documents including the UAE 2021 Vision which unites the Nation in responsibility, destiny, knowledge and prosperity, and the Abu Dhabi Vision 2030; the UAEU responded by specifically aligning its research strategy with the economic and social development of the Nation.

The UAEU Education & Research 2011 event was the culmination of UAEU's work in recent years to increase substantially its research contributions in areas of direct relevance to the Nation, with the UAEU playing a vital role in the continued growth of Abu Dhabi and the UAE, with research at the core of university life. UAEU has provided research of direct relevance to key government policy areas that have included water and petroleum resources, solar, wind and bio-fuel sources of energy, the causes and spread of global health pandemics and prevalent regional medical conditions.

The evening focused on four core themes:

- Enhanced education a strong focus on educational outcomes research, as new approaches are introduced in Abu Dhabi and the UAE. And further social improvements in public policy, law, innovation and entrepreneurship, corporate governance, supply chain logistics, food security, and road traffic safety.
- Better health a new focus on the behavioral causes of the lifestyle diseases of obesity, cardio-vascular disease, and diabetes, and renewed efforts to understand and prevent the high prevalence genetic diseases within the UAE population.
- Economic diversification a major focus on information and communications technology, micro-processor design, and aerospace engineering and manufacture.
- Sustainability and the environment emphasizing air quality and optimal water distribution and usage, the remediation of polluted coastal and ground water, and the management of saltwater intrusions into aquifers.

The high-profile event was attended by the Chancellor of UAEU and Minister for Higher Education and Scientific Research, who praised the university for its continued commitment to providing research to support the government's growth plans.

It was also attended by His Excellency Mohamed Ahmed Al Bowardi, Secretary General of the Executive Council of Abu Dhabi, who congratulated the United Arab Emirates University for the great successes and gains it has made for Abu Dhabi and the UAE, as well as Her Excellency Sheikha Lubna bint Khalid bin Sultan Al Qasimi, UAE Minister for Foreign Trade, His Excellency Dr. Mugheer Khamis Al Khaili, Director General of Abu Dhabi Education Council, over 20 diplomatic ambassadors, and representatives of government and business from around the country.

Throughout the evening the UAEU showcased a sample of its unrivalled research for the benefit of the Nation in 100 case studies displayed on large posters around the Emirates Palace. Students were also on hand with iPads to illustrate research efforts within the university and the newly released research search engine that has enabled

government, industry, and other academic institutions to establish what research capabilities are readily available within the UAEU.

The event clearly highlighted UAEU s efforts in creating new capabilities and knowledge that contributes to building a more diverse knowledge-based economy and a healthy, educated, well-managed and safe society.

Research Grant Awards

The University awarded research grants to 37 faculty for research in the areas of national importance. Research fields for these funded projects include Medicine, Science, Engineering, IT, Business, Education, Humanities and Social Sciences. In addition the UAEU won 42 out of 55 Emirates Foundation Science & Technology research grant awards and in Spring 2011 opened a Research Grant Competition which received 138 pre-proposal submissions of which 81 were selected for full proposal submission.



Research Partnership and Funding

The research budget from the University for 2010/2011 was AED 12 million which was used to support research for faculty, and undergraduate and graduate research. Over 150 research projects were commissioned and funded this year at a total value of over 50 million Dirhams.

Research projects in the FFA included those funded by the Abu Dhabi Food Control Authority, the Farmers Service Centre, and the Sheikh Hamdan Bin Rashid Al Maktoum Award for Medical Sciences.

Within the FOS, research projects were funded by Al Ain Municipality, the Ministry of Water and Environment, TDIC, and SQU.

Research Linkage and Grants

The Faculty of IT (FIT) introduced this concept in 2010/2011, which allowed faculty to receive support to establish collaborations with leading researchers at top overseas universities and to be immersed in the institution's research environment. To be eligible for a research linkage grant required faculty to prepare a brief white paper which would be adjudicated on by the Dean and the Faculty Council. The program established faculty leadership in their research field and developed lasting and productive collaborations with top researchers in leading institutions.

Research in Action

This year there are 541 students enrolled in 24 graduate programs in the UAEU. The UAEU currently has 479 ongoing internal and external research projects.

Research projects in FFA covered: economic and technical analysis of small ruminants (sheep and goats), poultry, and dairy subsectors within the UAE; the production of high quality sun-dried tomatoes; and the implementation of a community-based Diabetes Nutrition Education for adults with Type 2 Diabetes.

Within the broad offerings of FHSS, highlighted research included; a Comprehensive and Participatory Study on the Issues, Needs, and Priorities of Women in Abu Dhabi, an Integrated GIS-T Vehicle Crashes Study in the UAE, the Justice System Experiences of Young Emiratis, an evaluation of UAE Prisons, and partnered in a new multidisciplinary grand iAtlas to develop a digital atlas of renewable energy sources in the UAE. The Social Work department of FHSS was instrumental in the establishment of the Family and Gender Studies Center.

A project supported by the Zayed Military Hospital was completed by the FIT that delivered an online Portal to collect, analyze, and report medical data to the UAE Armed Forces Medical Services Corps. The system contained a breadth of data required specifically to meet the needs of the UAE Army personnel.

The Faculty of Law organized the first Scientific Legal Research Competition open to all Faculties/Colleges of Law in the UAE.

During this academic year the Roadway, Transportation and Traffic Safety Center staff in FOE undertook research projects with the Department of Transport-Abu Dhabi, the Ministry of Education/Emirates Transport, and the Health Authority of Abu Dhabi to assess; Public Bus Operation and Services in the Emirate of Abu Dhabi, Traffic Safety Performance of School Bus Services of Emirates Transport, and an In-Depth Crash Investigation of Abu Dhabi.

Research Cluster Hires

The second cluster hire, Professor Thomas Arends, was recruited with a mandate to develop corporate governance and policy and the UAEU has submitted several proposals to Ministries and awaits research funding for future projects.

Publications and Patents

During 2010/2011 faculty once gain published widely in; national and international journals, regional and international conference papers, and books or chapters in books. This year also saw the UAEU file 4 patents.

The Faculty of Education published two issues of the Faculty journal entitled "International Journal for Research in Education", while the frequency of the Emirates Journal of Food and Agriculture (EJFA) published by FFA increased from 2 to 6 issues per year. The EJFA's advisory and editorial boards includes a Nobel Laureate and following the MoU signed with NetFunda Technologies, a company providing the Stanford University Press web platform with online submission, tracking, and peer review facilities, this is the only scientific journal in the Middle East that publishes 6 issues per year and has online submission.

PhD Program

The UAE's first national university PhD program has grown since its inception a year ago and now offers 3 Doctorate degrees and currently has 70 students representing six Faculties. A third of these students are Emirati Nationals on scholarships or tuition waver, with many of the remaining international students being lifelong residence of the UAE.

The program involves one year of course work to be followed by research and the writing of a dissertation over a further 2 to 3 year period. Standards are high, with admission and program quality managed by the Board of Graduate Studies.

The program has proved successful in advancing fundamental and applied research that addresses challenges of national and international interest with focus on areas such as health, energy, water resources, environment and nanotechnology, educating and training graduates to meet the needs of the Nation, and provided graduates with new skills and knowledge for their scientific and professional careers.

Research Resources

This year the Library subscribed to more than 35 scholarly electronic journal packages and databases for the university community and offered a variety of electronic journals, electronic books, theses and dissertations, and other information resources through electronic packages from prominent publishers and aggregator databases.



Selected journal packages included: Science Direct that offers access to 2,070 scientific, technical and medical journals; Wiley/Blackwell with over 1,400 journals mainly for FHSS, FBE, and FMHS; Oxford Journals Online for FHSS; Emerald with over 330 titles; IEEE with over 170 journals and magazines for FIT and FOE; and others. Additional academic library databases were available and included the EBESCO aggregator, JSTOR multidisciplinary database, LexisNexis legal database, Web of Knowledge, ProQuest, and Magill on Literature plus for English programs.

In the area of E-books, the Library provided access to the EBRARY database that contains more than 60,000 full text electronic books covering a variety of subjects.



|Goal 4 | Investing | in the Health Sciences

The scope and nature of health sciences programs continued to be upgraded this year, including the strengthened flagship School of Medicine, with the creation of new programs in related areas and with the aggressive use of new communication and computation technologies. The University's existing strengths in health-related research serves as the foundation for consideration of new schools and the second global research institute in a health-related field of high national relevance.

Medicine & Health Developments

The Faculty of Medicine & Health Sciences, through a concerted student recruitment drive, increased the intake of medical students to more than 100, while maintaining its rigorous admissions standards.

Curriculum developments included the introduction of some IT based courses and the inaugural accredited computer based Evaluation & Examination Center was started.

Ongoing relationships were cemented and broadened with health authorities like the Abu Dhabi Health Authority, Dubai Health Authority, and the Federal



Ministry of Health.

This year, the Emirates Health Services (EHS) was established under the umbrella of the Faculty of Medicine & Sciences to provide consultancy and training, with the objective to provide the highest quality of continuing professional medical education to physicians in the United Arab Emirates. It aims to provide programs that respond to the expressed wants and needs of specialists and family physicians while utilizing the findings of ongoing research.

New Offerings

Two new degrees commenced this year; Master of Public Health, and Doctor of Pharmacy, while nine PhD programs in medicine and health were offered.

FMHS also started offering Clinical Specialties Certificates in association with Abu Dhabi Health Services Company (SEHA) Hospitals.

UAE Medical Board

The Ministry of Health requested the Vice Provost for Medical Sciences and Dean of Medicine to chair the committee to establish the UAE Medical Board. The focus of this Board is to train Emirati medical graduates to international standards to enable them to qualify to become specialists and consultants in the future, thus supporting sustainable health care within the UAE.

Advisory Board Meeting of UAEU Global Health Institute

Sir Richard Feachem, Professor of Global Health at both the University of California, San Francisco and the University of California, Berkeley, and Director of the Global Health Group at UCSF Global Health Sciences, attended the first Advisory Board Meeting since the establishment of the UAEU Global Health Institute.

Research in Health

FMHS continued to contribute to research within the UAE, providing highly relevant national research, which included studies in Diabetes and Cancer.

Of particular relevance to the Nation, research into diabetes included; cardiovascular diseases risk factors in UAE adolescents and young adults with type 1 and type 2 diabetes mellitus, investigation of inhibitors extracted from dates for key enzymes relevant to non-insulin-dependent diabetes mellitus, testing novel binders for the DNA-genome receptor of insulin, weight management related behaviors and perceptions, and examining the anti-diabetic protective effects of a selected herb.

Research into cancer included; the isolation and identification of the chemical components of some UAE plants and their use as potential anti-cancer agent, anti-cancer properties from the skins of frogs, pharmacological control of lung cancer, expression of a novel gene in pancreatic cancer, potential towards the development of novel gene-based therapeutics

for cancer, anti-cancer activities of indigenous UAE herbs extracted by supercritical carbon dioxide, and mechanism of the anti-cancer activity of the clove extract.

In addition to diabetes and cancer, research was undertaking in diverse medical and health fields that included; air quality in Emirati homes, antimicrobials and drug resistant bacteria, fighting inherited diseases, liver and obesity surgery in the UAE, improving the diet and lifestyles of Emirati citizens, and family medicine doctor-patient communication.

International Conferences

FMHS conducted a number of scientific meetings and educational activities that included:

- Doctor's Career 2011; an event open to all doctors across the Emirates that provided resources to shape their futures.
- 2nd International Trauma Management, Critical Care, and Prevention Conference; a forum of exchange concerning trauma prevention and training, as well as strategies for optimization of clinical care.
- 1st International Brain Research Organization Middle East NeuroScience Conference; a conference aimed at evaluating advances in the field of basic and clinical neuroscience.

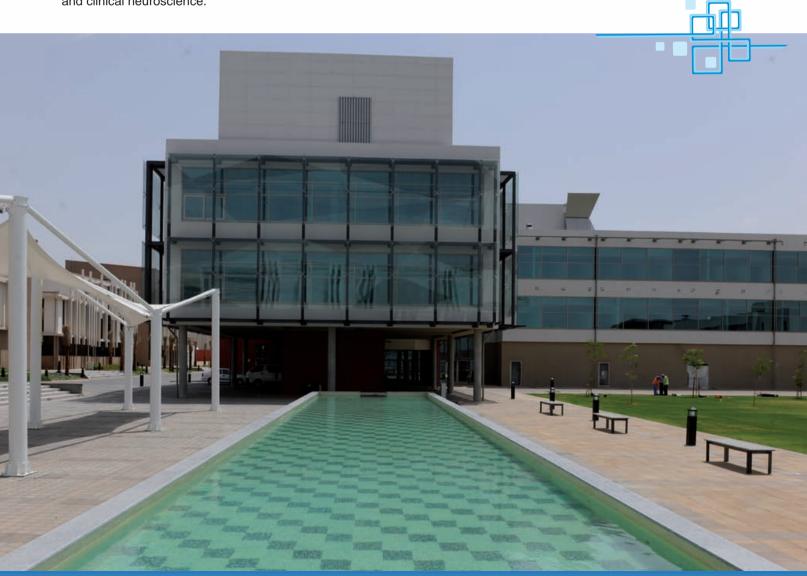
MoU

During the year a Memorandum of Understanding and Collaborative Agreement to further student and faculty exchanges in research and education was signed between FMHA and the University of Cincinnati Medical School.

Cross-discipline Research

An assistant professor in the FBE, whose research area is the economic implications of health (obesity) was hired and has begun joint research projects with the community health group.

The FFA implemented a Community-based Diabetes Nutrition Education program for Emirati adults with Type 2 Diabetes, while faculty within the Special Education department of the FEDU are researching the "Effect of nutrition education program on the dietary behavior, nutrition knowledge, nutrition status, and problem behavior of UAE elementary students with disabilities".





Goal 5 Creating a Physical Structure



The transformation plan identifies that it is essential to create the right physical environment to sustain the ongoing work and life of a scholarly community, of both faculty and students. An excellent beginning has been made with the current new campus. Additions and modifications are underway with the residential college system, the expansion of research throughout the university, graduate student housing, and the Global Institutes. The UAEU has created a comprehensive physical structural plan to support the Chancellor's vision of what this University will become, and will undertake needed modifications on the new campus to accommodate the medium-term needs of the transformation action items already underway.

New Campus

In Fall 2010 classes commenced for the first time on the new female campus, with the move to a modern new facility. In the new facility all classrooms are well equipped with double and single mounted SmartBoards, LCD projectors, desktop computers, computer desks, and wireless internet access. The shared labs were moved and systematically activated during the academic year and will be in full use from Fall 2011. This year also saw the move of employees, equipment, and documents to the new and impressive Crescent Building, bringing most of the core administrative functions under one roof.

small library housing the textbooks for the curriculum of the public schools and a tutoring space, a workspace/ meeting room for student candidates to prepare assignments, and a resource room of materials to work with children with and without disabilities.

Language Neuroscience Lab

Within the FHSS the Linguistics Department has developed its new Language Neuroscience Laboratories, which houses the EEG system and other psycholinguistics testing facilities, the Psychology Department has prepared the new Family Well-Being Center and Behavioral Neuroscience Lab, while the Gender and Family Studies Center was established for the study of all matters related to family



DBA Space in Abu Dhabi

The DBA program is now housed in the ADWEA Training Center, which has proven to be an ideal location for the program.

Education Student Development Unit (SDU)

A new designated SDU within the FEDU includes a

Digital Signage Display Screens

Close to 100 digital signage display screens were connected during the year, allowing the university to show content around the campus. The sophisticated architecture of the machines meant that machines have been grouped in categories to allow different

and location appropriate content to be displayed. Students, for example in the FBE, now have this added communication means to know that a guest lecture will take place when and where.

Transforming the Digital Landscape

Every day the UAEU network carries thousands of email messages, electronic financial transactions, voice and video communication and web application processes that are required to manage daily business, assist learning, and conduct research. The new campus provided a massive improvement to UAEU's information technology infrastructure, which directly connects the campus to information stores. This modern and robust infrastructure has given the UAEU the ability to; consolidate multiple services, enhance business efficiency, improve reporting, and empower users with new self-service options.

The new campus backbone network was enhanced to 10 gigabits per second. This major infrastructure improvement enabled faster data flow through the campus network, facilitating data-intensive services for research, communications, and university business.

Going Green

UAEU's increased attention to green IT has resulted from rising energy costs, increased publicity regarding global warming, and increased legislation. This initiative has taken an aggressive approach to server/services virtualization, a move towards cloud computing, and power management automation to calibrate the costs of consumption and redundancy against the risk of downtime.

Cloud Computing

This year the UAEU introduced a few cloud services including; an internal private cloud computing infrastructure for classroom and desktop technology, lifelong email services for UAEU Alumni, and connectivity to the Ankabut network.

Infrastructure

With the changes in the network architecture and topology, the UAEU obtained; a high speed/bandwidth fiber core network, transparent access to the Internet and Ankabut across the entire university network, and better internet connectivity by eliminating WAN bottlenecks.

The University IT Services (UITS) worked with vendors and contractors to design and build the core data center on the new campus and with its modularity to take up to 600 servers, the consumption of power and cooling can be adjusted as needed making it a "green" data center.



Alumni Email Solution

UITS successfully and seamlessly moved around 30,000 on premises mailboxes with data to Live@ Edu. This migration to Live@Edu was very successful and makes the UAEU an unique educational institute in this region.

Connecting to Ankabut

In fulfilling its mandate of transforming into a research institution, the UAEU connected its data network to other countries Research and Education Networks (REN). Linking the UAE REN (Ankabut) now allows anybody on the internal UAEU network to access other countries REN. To do this, approval was required from Etisalat to use a different routing protocol with the UAEU subsequently obtaining its own IPv6 subnets.

Other Technological Transformations

Additional projects implemented by UITS during 2010/2011 included; the deployment of VoIP hardware, upgrading of the wired and wireless networks of FMHS and Tawam housing, the development of an in-house IT monitoring system, and the introduction of an eFax service.

In support of Goal 1 many automated enterprise applications were developed for faculty and staff, some of which included; an online travel reimbursement system, a notification that passports or visas will expire, the capture and update of qualification and professional development profiles, an online research search engine to share UAEU's research capability, an automated Banner User request, and a new portal interface designed specifically for usage with mobile devices.

In addition the online course catalogue was released allowing visitors to understand the requirements for each program in the UAEU and many websites were rebranded in keeping with the revised branding guidelines released early in the new academic year.

Technology by Numbers

- There are 1,138 network switches and 3,502 wireless access points
- Data storage capacity is 87,741,027,896,524 bytes
- · An average of 44,500 emails are sent per day
- There are over 100 virtual servers
- · Annually over 183 million emails are delivered
- · Over 198 million emails filtered as spam in 2010/2011
- In excess of 25,300 average monthly viruses were blocked and deleted
- Uptime of 99.954 percent
- There are on average 15,000 UAEU portal logins per day, peaking at 42,000
- There are on average 5,000 mobile logins per day, peaking at 8,000
- The UAEU website has 37,306 average page views per day
- · Over 260,000 visitors accessed the website in 2010/2011
- The web content management system holds 3,515 pages





IGoal 6 Engaging External Partners and Stakeholders



The University exerts strong influence and provides direct support to improve primary and secondary education throughout the UAE. This is achieved with the use of information technology and employment of UAEU's enhanced research capability to influence school policy. In addition the UAEU influences the funding formula of the University, Zayed University and the Higher Colleges of Technology to reflect and support national interests while working to clarify the distinct roles of the three partners. The University has increased the philanthropic support for its facilities and programs, and is slowly building the University's endowment funds.

The UAEU enhanced its visibility and recognition as a national and international resource providing influence and expertise in a range of areas related to education within the UAE, some of which is highlighted here.

K-12 Reform

The UAEU continued to service High Schools within the country and during 2010/2011 the UGRU-High Schools Outreach Initiative provided support to two AI Ain high schools by introducing the admission requirements of the federal higher education institutions within the schools and helped students achieve these requirements while still in high school. Results were very encouraging with 384 Grade 12 students being offered IELTS preparation and foundation mathematics courses resulting in 22% of participating students achieving IELTS 5.0 or higher and 28% meeting the UAEU Faculty-specific Math admission requirements.

A MoU was signed between the UAEU and the Ministry of Education to enhance joint cooperation, with particular reference to the launch of a Master's Program to empower teachers to address learning challenges, and to offer continuing education programs in quantitative and qualitative skills.

UAEU-HCT Partnership

Regular visits were made to UAEU students at the HCT Fujairah and the Western Region campuses to offer support and assistance in meeting UAEU admission requirements. Ongoing contributions to the partnership included offering English summer school study to qualifying students who do not yet have an IELTS 5.0 Faculty admission requirement.

Foundation Articulation Agreement

The three federal institutions of the UAEU, ZU, and HCT have agreed that students who complete specified English and Mathematics requirements at the pre-undergraduate foundation level may transfer to a degree equivalent program any of the three federal institutions of higher education. The agreement

has enabled students from every part of the UAE to take full advantage of the entire professional and academic programs offered by the three institutions, while enabling the institutions to focus on core areas of program offerings and eliminate the need for duplication.

Educational Cooperation

The Faculty of Education cooperated with the Ministry of Education (MOE), Ministry of Social Affairs (MSA), and the Abu Dhabi Education Council (ADEC) as valuable external partners in order to train student teachers in their schools. FEDU collaborated with and visited 77 schools, and trained 77 Principles, 123 Supervisors, and 182 Teachers.

Several faculty members served the community in a variety of fields; refereed educational awards like the Hamdan awards, Khalifa awards, and Princess Haya Award on Special Education, Special Education consultants for the Ministry of Social Affairs, consultants to the MOE, and the organization of the "Autism Day" in collaboration with Al-Ain Rehabilitation Center and Care for Special Needs, while Physical Education faculty shared their expertise with the Zayed Higher Organization for Humanitarian Care, the Higher Education Sport Federation, and the Scientific Center for School Sport Development.

UGRU has set up a joint committee with the British Universities in Dubai (BUiD), Zayed University (ZU), and HCT to promote professional development among teachers in the coming academic year.

Alumni Website

2010/2011 saw the exciting launch of the Alumni website in both English and Arabic. By doing so the UAEU confirmed its dedication to enhancing the special relationship between Alumni, their Departments, and faculty members. This website provides services that complements undergraduate studies, covering a variety of program benefits, events, and communiqué designed to help meet the over 51,000 UAEU Alumni career and further educational requirements. The

site also disseminates information about events, activities, and initiatives within their University.

Alumni gatherings were held by the Faculty of Education (FEDU) and the Faculty of Engineering (FOE).

First FOE Alumni Day

The first Faculty of Engineering Alumni Day was held this year with the participation of over 200 Alumni. The program included presentations and departmental open days that students, faculty, and industry representatives attended, and included an entrepreneurship competition for Mechanical Engineering students.

University of Cambridge

A significant event during 2010/2011 was the signing of the MoU between the UAEU, the government of Abu Dhabi, and Cambridge University in the UK. The signors of the agreement were the UAEU Chancellor and HRH Prince Phillip. The agreement will concentrate on research between the two Faculties of Business and has tentatively been named The UAEU-Cambridge Abu Dhabi Focused Research Institute, to be jointly governed.

UAEU-Oxford Lecture Series

This lecture and seminar series resulted from the visit by the Vice Chancellor of the University of Oxford and the mutual desire to work together. Based on this desire, Pembroke College and the UAEU collaborated to bring a three-part Lecture and Seminar Series to the UAEU. Distinguished Professors from Oxford have undertaken Lectures in Abu Dhabi and Seminars on the UAEU campus covering topics that included Diversifying the Economy, Education, Lifestyle Diseases, Genetics, and Business and Project Management.

World Health Organization

Within the FFA, the Department of Nutrition and Health was designated as a WHO Collaborating Center in Nutrition for the GCC, while two MoU's were signed; one with BIOMIN and Romer Laboratories to create a Mycotoxin Reference Center (MRC), which is capable of running all type of mycotoxin and will be able to produce quarterly reports on mycotoxin in food and feed in the GCC, and the second with the Farmers Serves Center in Abu Dhabi to engage in a series of cooperative activities of common interest and mutual benefit.



Several visits by delegations from a variety of universities were hosted by FHSS, included one from Jagiellonian University in Poland, one of Europe's oldest universities and the institution where Copernicus studied.

Al Ruwaad

A biannual UAEU community magazine, Al Ruwaad, was published and distributed to the universities stakeholders. The focus of the high quality magazine is on activities and news of the UAEU with the aim to improve the marketing and outreach of the university by connecting with partners and Alumni.

UAE Geographic Society

As the only tertiary institution in the UAE offering geography degrees, the Geography and Urban Planning Department of the FHSS has taken a leading role in the UAE Geographical Society, underscoring the growing significance of geography in the UAE.

Media Practitioners

The Mass Communication Department continued to serve as the home of the annual Al Nawa Awards Ceremony, an award sponsored by H.H. Sheikh Nahayan Mubarak Al Nahayan, Minister of Higher Education and Scientific Research that recognizes university student media practitioners from throughout the UAE for outstanding demonstrations of creativity and talent in seven categories of media work.

The Psychology Department was actively involved with a variety of different government organizations, including Minor Affairs, MOE, and Dar Zayed and offered a four-month Training Diploma for Alnahda Women's Organization as a Professional Family Counselor. In collaboration with the MOE and ADEC, the Sociology Department has embarked on a project to author a new sociology textbook for secondary education.

Aerospace Engineering

The Faculty of Engineering engaged with Mubadala Development Company seeking to establish a B.Sc. and M.Sc. Aerospace Engineering program at the UAEU in cooperation with the University of Washington.

MoU's were signed between FOE and the Abu Dhabi Department of Economic Development to cooperate on the professional registration of Engineers within the Emirate of Abu Dhabi, and with the Dubai Ports and Dry Docks to sponsor approximately 500 students.

Diplomate, Water Resources Engineer

The Chair of the Civil and Environmental Engineering department was recognized by the American Academy of Water Resources Engineers Board of Trustees as a Diplomate, Water Resources Engineer (D.WRE), which is significant as, worldwide, only 600 Water Scientists and Professionals hold this title.

Research Collaboration

FOE continued its collaboration with the Japan Cooperation Centre Petroleum (JCCP) on hydrocarbon and environmental research and with 2 British universities under the PMI-2 research collaboration by the British Council. Also, RTTSRC established collaboration with the University of Ferrara, Italy to conduct research in the area of Traffic and Transportation and is working with other universities on a proposal for a Center of Excellence (COE) on Sustainable Urban Freight Systems.

Law Firms

Mutual cooperation between law firms and the UAEU faculty and law students were agreed to with Coffey International, Freshfield Bruckhaus Deringer International, and Bruckhaus Deringer.

Moot Court Competitions

Training session to prepare student teams to take part in international Vis Moot Court competitions were held by Pittsburg University USA, Hogan Lovell's International Abu Dhabi, and White and Case International, DLA Piper Dubai. A MoU was signed between FOL and Latham & Watkins, while strong ties were established with respected national institutions like the Judicial Department in Abu Dhabi, the Judicial Department in Dubai, the DIFC, Al-Ain Municipality, the Ministry of Interior, and the Ministry of Labor.

Scientific Support

To support UAEU's role in the community as a scientific, cultural, and social institution the five departments of the Faculty of Science were involved in organizing scientific conferences at both local and international levels and enhanced the transfer of knowledge by offering regular consultation with institutions within the UAE, like the AI Ain Municipality, Ministry of Interior, and the Ministry of Water and Environment. The Chemistry Department organized a "Go Green Day", while the Math Department established the Mathematical Scientific Center. An MOU was signed between the Biology Department and the Max-Planck Institute for Marine Microbiology of Germany.



Masdar Institute

A cross institutional partnership was forged with the Masdar Institute of Technology resulting in the establishment of projects in water resources and renewable energy and the co-supervision of MSc and PhD students.

Biotechnology Day

The iWIL Center organized this 3-day program that included tours and meetings for international speakers and visitors. It was attended by Directors and representatives from government and the private sector in addition to senior students from UAEU and Zayed University studying Chemical Engineering, Chemistry, Physics, Biology, Food & Agriculture, and Medical majors. Attendees were briefed on the different products and the life cycle of Bio Drugs and the different biotechnology applications in the pharmaceutical industry and the problems faced with biopharmaceuticals culminating in the commercial uses and future of biotechnology.

An insight was provided into the Emirates Biotech Pharmaceutical Factory, including the pharmaceutical raw material that will be produced by this new factory with its aim to bring high-end sophisticated technology to the UAE and a new future global center in the region.

Information Technology Marathon

This nation-wide competition was a partnership between the FIT and ADEC and is aimed at exciting school students about the field of IT. The competition is a team-based activity that provided students the opportunity to showcase their IT skills. It spread awareness of the strategic importance of IT in the UAE and aims to produce the next generation of IT thinkers in the Nation.

Library Partnerships

Interlibrary cooperation, establishing alliances, and partnerships is the most effective strategy in sharing academic and research resources where the cost of subscriptions and acquisitions of the libraries core collections is skyrocketing. The Libraries Deanship is currently involved in the interlibrary book lending consortium (LIWA) with HCT and Zayed University, with the aim to expand the services of LIWA to cover access to all e-resources at the partner libraries.

As part of its community service mission, with the ability to generate external funds, the UAEU Libraries Deanship renewed its contract with the Zayed II Military College to manage and run its library. Two MoU's were signed; one with the Ministry of Culture, Youth and Community Development to promote the concept and mechanisms of the integration and cooperation between the libraries and information centers in the country, and the second with the Ministry of Interior, Abu Dhabi Police GHQ, to build bridges of knowledge and cooperation between the University and Abu Dhabi Police GHQ in the field of scientific research and information resources.

Children's Collections

An UAEU initiative to support the improvement of the nation's K-12 education system has resulted in a remarkable collection that is devoted to children at different stages in their primary education. The children's corner holds relevant collections matching their readership level and a new children's service offers storytelling time for school children in Al-Ain as a literacy initiative that also engages students enrolled in teaching programs, and assists educators in utilizing this service as an educational tool.

Emirates Collection

The Library is adding to the Emirates Collection, transforming it into a national treasure set up as an educational, research, and cultural platform.

Continuing Education

In addition to providing developmental education for the nation's high-school graduates, the UAEU worked closely with the broader community in support of lifelong learning. Continuing education clients include; the Zayed Military Academy Academic Program, Abu Dhabi Civil Service ICDL Training Program, Abu Dhabi Police College English Program, Abu Dhabi Education Council Summer Challenge Programs, ADWEA Summer Camps, ADWEA, TRANSCO and Al Ain Diwan English Training Programs, Al Ain Municipality English Program, Toumoh Retraining Program for UAE Nationals, EPI (Tawazon) Project, ADACH Museum Guide English Program, UAE University Staff ICDL and English Training Programs, and a number of initiatives for the Ministry of Education (particularly the Al Ain Education Zone).

Additionally, the highly qualified Arabic program recently completed the development and testing of its world-class Arabic Proficiency Test (APT), resulting in an immediate agreement with the Abu Dhabi Education Council to administer the test and provide subsequent professional development to 7,000 Ministry of Education teachers, with the APT being piloted for potential use as a UAEU graduation benchmark.

Financial Statement

Below are the University's Statement of Revenues and Expenditures for the year ending 31 December 2010, and the Balance Sheet as at 31 December 2010. As a UAE government entity, the University does not capitalize nor account for any fixed assets; the Balance Sheet does not reflect equipment or buildings owned. The Balance Sheet is comprised primarily of cash on hand, accounts receivable, and accounts payable. The University continues to manage its funds prudently in the context of the global financial crisis.

Statement of Revenues and Expenditures for the year Ended December 31, 2010		Balance Sheet as of December 31,2010		
Revenues	Amount (AED)	Assets	Amount (AED)	
Unrestricted -Federal	1,257,076,795.87	Cash	350,165,699.20	
Restricted-Government and Other	358,455,259.99	Accounts Receivables	67,273,801.66	
Allotment	22,443,149	Previous Year's Deficit	122,561,688.90	
Total Revenues	1,637,975,204.86	Total Assets	540,001,189.76	
Expenditures		Liabilities		
Unrestricted -Federal	1,256,930,770.45	Salaries Payable	8,789,633.34	
Restricted-Government and Other	188,455,132.52	Government Payable	326,975.03	
Allotment	17,981,011.46	Retention Payable	23,982,657.86	
Total Expenditures	1,463,366,914.43	Commitments Payable	252,373,489.18	
		Other Accounts Payable	29,412,457.49	
Ending Fund Balance(Revenues- Expenditures)		Total Liabilities	314,885,212.90	
Unrestricted -Federal	146,025.42			
Restricted-Government and Other	212,497,838.95			
Allotment	12,472,112.49	Ending Fund Balance	225,115,976.86	
Total Ending Fund Balance(Revenues-Expenditures)	225,115,976.86	Total Liabilities & Fund 540,001,189.76 Balance		







UAEU