“The education of the youth should rest on three foundations: Faith, Knowledge and Performance.”

Faisal bin Abdulaziz Al-Saud

1. The digital font represents a unique, futuristic and modern University.

2. The circles symbolize technology, science, connectivity and continuity.

King Faisal's vision for the future:

13. Studying Engineering at Alfaisal University
   Springboard for Creative Minds

23. BS Computer Science Program launched at Alfaisal

19. Report on Corona Virus MERS-CoV

15. College of Business UAE Field Trip

35. Student Research Awards
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Dr. Faisal Abdulaziz Al Mubarak
Provost, Vice President & Chief Academic Officer
Alfaisal University
his academic year we celebrate the graduation of our second class of fine students, the class of 2013. Over the last few years, Alfaisal University has marshaled seamlessly towards the materialization of its ambitious mission, evident in meeting most performance indicators in its original strategic plan. In fact, it surpassed some indicators, despite the challenges manifest in the rudimentary national private higher educational institutional framework, and intensive competition from reputable, financially endowed public universities. Yet, challenge inspires innovation.

A few statistics may clarify my point. At Alfaisal University’s main campus, the number of faculty has increased from 20 in 2008, to 57 in 2011, reaching 99 in 2012. In 2012, the administration of the undergraduate preparatory year program was moved directly under the purview of Al Faisal, adding 30 more faculty and 15 administrators. Moreover, the Prince Sultan Colleges of Tourism and Business in Abha and Jeddah were merged under the supervision of Alfaisal University. Both are currently undergoing major overhauls to be aligned with the mission of Alfaisal University. Our student body at Alfaisal University’s main campus grew from 350 in 2010 to 1,400, in 2013. Such numbers though may seem miniscule in comparison with other much more established public universities, such as King Saud University, but surely the growth rate is impressive, Al Hamdulilahl, and prove that our University is heading in a positive direction.

In the area of research, this year alone, Alfaisal University has secured three research grants totaling SAR 5 million, and our faculty is actively engaged with KACST Internal Projects as team consultants. God Willing, we are in the final stages of the establishment of the 10-year, SAR 27.7 million “Center for Excellence in Nano-Manufacturing Applications” in collaboration with KACST and CENA in Belgium, a pioneering project aimed at engaging highly qualified graduate students from Arab countries to develop cutting edge research focusing on technological challenges facing the region.

Alfaisal University ranked number one in the highly competitive Aramco national research competition, winning three from the total of thirteen grants offered. A team from Alfaisal College of Engineering, Australia, UAE and UK will collaborate on the three projects totaling SAR 1.6 million. Other faculty has secured research projects with SAGA, Al Anoud Foundation, and Boeing has generously endowed our students with SAR 200,000 annually to support student research proposals in STEM (Science, Technology, Engineering and Math), Business and Health Sciences. According to KACST Thompson Reuters study which covered the years 2001-2016, Alfaisal ranks number one in terms of published research (2 per faculty) compared to KFUPM (1.8) and (0.5) for KSU. Alfaisal also ranks number one in terms of total research funding per faculty, averaging SAR 0.7m, compared to 0.09 for KSU, and 0.2 at KFUPM. We believe the achievements particularly over the last years have been quite remarkable.

Alfaisal University was established with a clear commitment to excellence in teaching, research, and service. If our goal of shaping future leaders in diverse fields of human knowledge and enriching human thought is to be achieved, we must recruit, support, and retain individuals of the highest qualifications and professional dedication as members of the Alfaisal University faculty. As Alfaisal pursues its vision as “… a world-class research oriented university committed to the creation, dissemination and application of knowledge,” I want to underscore our dedication to establishing a campus culture that fosters the personal growth and professional development of our faculty.

All such achievements could not have been accomplished without the dedication of our staff, faculty and to the generosity of Al Faisal University’s Board of Trustees, chaired by HRH Prince Khalid al Faisal, and with the help of a number of world-class dignitaries including King Faisal’s descendants, as well as leaders of national and international business establishments and government sector executives. They provide tremendous support to Alfaisal leadership to assure that its mission is safeguarded.

As the Provost of Alfaisal University, I would like to reiterate my sincere congratulations to the graduating class of 2013, for all your achievements and hard work. On behalf of all the faculty, staff and Board of Trustees, I would like you to know how truly proud we are of you all.
Alfaisal University Students Honoured at Annual Student Research Recognition Day

Almost 100 students were recently honoured for their achievements at Annual Student Research Recognition Day. The event was held on May 15, 2013 at the campus. The awards ceremony was attended by campus faculty, students, guests, and the university’s president, HRH Prince Saud bin Khalid Al Faisal, Deputy Governor of Saudi Arabian General Investment Authority (SAGIA) speaks to International Economic Class on Investing in Saudi Arabia.

Alfaisal University hosted an award ceremony for its top 5 students awarding them with a full scholarship sponsored by Boeing Company. The event was held on May 15, 2013 at the campus. The event started by welcoming the President of Boeing – Saudi Arabia Mr. Ahmad Jaz, provost and Deans of colleges. Then the award winning students: Abdullah Faith Ahmad, Abdalalaziz Osman Alhakouf, Salam Mohamed Almahboob, S.M. Naji Haider Alzuj, Mohammad Khalidrees. Mr. Ahmad Jazul for their brilliant achievements. He also wished them further success in their careers.

Furthermore, high appreciation for the continued contribution of Boeing Company was expressed by Alfaisal University through presentation of an award to Mr. Ahmad Jazul for his outstanding contributions. The award was presented to Mr. Ahmad Jazul at the event.

Alfaisal Student wins at International Surgical Oncology Congress and Residents Research Day

By Mohamed Rayyak

Third-year medical student Alrabab Alshanqity went to Alrabab Alshanqity, Safia Andleeb, Ahmad Shamia, Tahreem Khan, Norah AlArifi and Leen Raddaoui – under collaboration and Mohammad Adeeb Sebai and Mohammad Rayzack on the topic of “Genomic Approaches Reduce the Diagnostic Challenge in Retinal research where students from all over the kingdom can contribute articles. First award was given to Ahmad Shamia, Malik Nassan, Mohammad Adeeb Sebai and Mohammad Rayzack.

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y visit to Alfaisal University this week was a great privilege for me and one that I enjoyed immensely. I was deeply impressed by the efforts that are being made to create a world-class institution located at the site of King Faisal’s former royal palace and to ensure that the standard of education and training offered to the student body there is second to none. In particular, I believe that the University’s philosophy of student-centred learning could act as a model for institutions of academic learning elsewhere in the world.

As someone myself who was trained in a scientific discipline, I am fully aware of the value of the scientific method and how it can be utilised to good effect even outside a specific scientific framework. Therefore fully endorse the emphasis which Alfaisal University has placed on scientific and medical technology. I would also like to commend the University on the innovative measures they have put in place to ensure that their superb educational facilities can be made available equally to both their male and female students.

I am greatly heartened furthermore by the academic ties which already exist between the University and several Irish institutions. In particular, I am pleased to see the connections which already exist between the University and several Irish institutions. In particular, I am pleased to see the connections which already exist between the University and several Irish institutions.

I hope that it will prove possible to expand such interchanges in a whole variety of new ways in the coming years.

Finally I would like to commend the University’s Provost, Dr. Faisal Al Mubarak, and all his staff and faculty for the innovative and creative manner in which they are advancing the whole concept of a modern academic education in the Kingdom of Saudi Arabia. Not only will the University’s students benefit greatly from their progressive approach but so also will the whole Saudi nation who in future years will be able to avail of the skills of the current students for the best possible national advantage.

Riyadh
30 Jan 2013

Alfaisal University recently awarded an engineering degree to a visually impaired student, Naqi Haider Rizvi, who attained the highest GPA in his year.

Talking about the preparations, he said, “It is not necessary to hold a book in one’s hand day and night.

I tried to study on a regular basis and increased my study hours in order to cover the course material. If one really wants to concentrate on studies, peace of mind is vital. It is very important to have sufficient sleep before the exams.”

Rizvi hails from a South Asian family, born to an Indian mother and Pakistani father.

“I am grateful to my family for their support and strong belief in my abilities. Although I am a child with special needs, they pushed me to do my best and treated me like a normal child.”

According to his parents, was not in Rizvi’s dictionary and his strong conviction that everything is possible allowed him to attain the highest GPA. “We are very proud of him,” they said.

The inspiration for him to score the highest marks came from a determination to excel and overcome all obstacles. He said that many people assumed engineering to be an impossible goal for a completely blind person.

“I achieved this with perseverance and determination. I would like to tell people that vision is more important than sight”, he added.

About his future aspirations, Rizvi said, “I want to pursue my post graduate degree and Ph.D. But before that, I would like to work for a year or two to gain some experience in industrial engineering.”

The most important thing, which I would definitely like to do, is to help visually impaired individuals and motivate them to pursue science or other technical disciplines in order to alter the perception people harbor toward visually challenged individuals.”

“I attribute this success to my university teachers, family and friends once again for supporting me all the way and for having confidence in my abilities,” he added.

Saphia Ikram, the public relations and communication manager at Alfaisal University, said, “The University’s mission focuses on providing quality academics while remaining a student-centered institution.

Our faculty demonstrates care and commitment toward the student body; we are dedicated in our efforts to teach and support student’s learning.”
College of Engineering

Studying Engineering at Alfaisal University: A Springboard for Creative Minds

Engineers design, operate and manage various forms of structures, machines and processes for the benefit of society.

Engineering solves real life problems in order to improve the lives of people everywhere and to ensure future sustainability. An engineering education is multi-disciplinary, very exciting, and provides a tremendous edge in the job market; it is one of the best springboards to your future, whether you are a man or a woman. An average day in the life of an engineer might involve working in a team that is designing or improving products or manufacturing processes as well as performing project management to ensure that tasks are accomplished on time and within budget. You get to be creative, which is the fun part, you get to solve challenging problems and it’s a very people-oriented profession, much more than anyone is aware of. And if you have an entrepreneurial mind, you too can start your own company. Don’t look at engineering as only a specialized program – it’s very broad and can lead to endless opportunities.

Engineers move people, provide for their needs and processes for the benefit of society.

We welcome the following two new faculty members in architectural engineering:

Tarek Mokhtar earned his Ph.D. in Planning, Design and the Built Environment at Clemson University, USA. He is an Executive Editor of the Journal of Architectural Engineering Technology (JAEET), while his research focuses on “Architectural Robotics,” “Human-Robotic Interaction,” “Architectural Materials Systems” and “Intelligent Environments.”

Alaa Elbad obtained her Ph.D. in Design from North Carolina State University, USA. Her research is focused on central city revitalization, particularly regenerating urban neighborhoods through integrating the physical and social aspects of the built environment.

• Modern facilities

- The College of Engineering Advisory Board (CoE-AB), whose purpose it is to provide external advice to the dean regarding priorities, directions and strategies for engineering education at Alfaisal University, consists of the following highly distinguished individuals:

<table>
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mega-ships (14,000 + TEU). Likewise, students had the opportunity to tour cranes. These equipment enable the port to cater to the new generation of simultaneously - a total capacity of 80 tonnes, twice that of traditional cranes capable of lifting four 20 foot containers, or two 40 foot containers employing state-of-the-art equipment, including the world's largest gantry through hands-on experiences with logistics professionals. The field trip also offered an opportunity for prayer and spiritual enrichment with a stop at the Sheikh Zayed Grand Mosque. This architectural work of art is one the world’s largest mosques, with a capacity for an astonishing 41,000 worshippers. It features 240 domes, over a 1,000 columns, 24 carat gold-gilded chandeliers and the world’s largest hand knotted carpet. The main prayer hall is dominated by one of the world’s largest chandeliers - 10 metres in diameter, 15 metres in height and weighing twelve tonnes. The mosque's first ceremony was the funeral of its namesake, Sheikh Zayed, who is buried at the site. Students were asked to keep individual notes, rotating groups of 2-3 students were responsible for providing feedback on each event, which was then discussed with Dr Mario.

Executive Lecture Series

College of Business Executive Lecture Series has provided Alfaisal University students and guests from the business community the opportunity to learn from some of the country’s leading executives as they talk about their careers and leadership experiences. Students in the College of Business will be invited to the Executive Lecture Series as part of their business elective course. All lectures are free and open to the public.

Here are some sample speakers and topics in the Executive Lecture Series conducted in the past:

<table>
<thead>
<tr>
<th>Speaker</th>
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<tr>
<td>Mr. Saif Alvi (Abu Dhabi Ingredients)</td>
<td>“The suite life of hoteliers”</td>
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<td>Mr. Patrick VanDaele (Shell)</td>
<td>“The energy to drive future energy”</td>
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<td>Mr. Herman Debode (McKinsey)</td>
<td>“Perspectives on Saudi Arabia”</td>
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<tr>
<td>Dr. Sultan Al-Saadi (Masdar Company)</td>
<td>“How will the state of the future make your employer expectations from you”</td>
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Internships

At the College of Business, it is our policy to provide students with a high-quality real-world experience by enabling them to apply for and take extended internship work placements with selected external partner companies. These internship placements allow students to benefit from deploying, displaying and further developing relevant skills and capabilities required for job success and career advancement within their particular areas of interest and expertise. The internship program is designed to provide business students with practical, on-the-job experiences which can contribute to their academic and career development. The internship will help students gain a real deal in their future career. Internship placements will normally last 4 months and represent six (6) Credits towards the final degree qualification. Successful completion of an internship placement will contribute significantly towards the award of a degree qualification. Organizations and companies that have hired our student interns in 2013 include:

- Jones Lang LaSalle
- KPMG
- Ernst & Young
- BAE Systems
- Kingdom Hospital
- Capital Market Authority
- AlFaisaliah Group (AFG)
- Rosewood Hotels & Resorts
- ING Investment Management Middle East
- Samba Financial Group

Interview with MBA Graduate 2012-13

Can you please tell us about yourself and professional background?

I am the CEO of Aloula Geojit Capital. I have 23 years of professional experience in investment and management. I hold BA in Economics. I started working while studying and I am always looking to close the gap in my weakness by learning new methods and theories. My specialization is innovation in new investment products.

What does your company do?

Aloula Geojit Capital is Brokerage Firm authorized by the Capital market authority and Tadawul (the Saudi exchange). We execute client orders and manage their portfolios in real-estate in the Saudi Stock market. We offer investment advice and arrange partners for companies.

In your opinion, what are the challenges that are facing the Saudi Economy?

The challenge is finding new investment products rather than relying on oil. It is to ensure the continuity of growth of the economy with access to transparent and accurate economic data, and to support investors so that they can make their decisions based on this data.

How did Alfaisal University MBA help you?

I have learned new theories of marketing, management and leadership and how to make sound decisions based on financial reports. I also have learned new leadership style and strategies that helped me to reposition my company. It has enabled me to change my organizational behavior to be more successful in my career.

What should Alfaisal University MBA students focus on?

They have to utilize the library at Alfaisal University and practice the theories they learn. Students have to focus on consulting with the professors at Alfaisal University to get clear ideas on the materials so that they can benefit more from their education at Alfaisal University.
Students studying macroeconomics at the College of Business had the unique opportunity to visit the Saudi Arabia Monetary Agency (SAMA) Headquarters in Riyadh. Students had been learning about monetary policy and its effect on the Saudi economy. SAMA also hosts a money museum with one of the largest collections of ancient coins in the world. SAMA officials provided a tour and answered questions about the history of central banking in the Kingdom.

“It was a special experience for our 84 students to see the exhibits and learn about the Saudi money system,” noted Dr. Galo Pooley, the class instructor. “We are fortunate to be located in the heart of Riyadh where we can visit these important Saudi institutions.”

Students also learned how to use SAMA’s website, www.sama.gov.sa. “SAMA is a great source for current and accurate data on the Saudi economy,” Pooley said. “We use the website in class all of the time.”

The macroeconomics course is required for all business majors. This course helps students understand such concepts as GDP, inflation, and the money supply. “Our hope is that all of our students will be able to make positive contributions to the Saudi economy by understanding economics better,” observed Dr. Pooley. “Some of, one of our students may have a leadership role at SAMA!” Another great benefit at Alfaisal University is the network of students with Saudi Arabians’ leaders. The tour was actually arranged by one of the students, Fahad Abdulaziz Alhajj. “Fahad really added value to the classroom experience by working to make the tour a success,” Pooley said. “Students at Alfaisal can add so much with their friendships with government and industry leaders. I don’t think any other university in Riyadh has such a strong network.”

Dr. Gale Pooley intends to make the SAMA experience and annual event for his macroeconomic class.

Senior USA Executive Lecture

On March 10, 2013 Alfaisal University welcomed three prominent executives on a private visit to the Kingdom to the College of Business. The visitors included a Superintendent of the Federal Reserve of New York, Recently retired Head of Operations at Xerox Inc., and Head of Legal Services for Telefónica. The visitors included a Superintendent of the Federal Reserve of New York, Recently retired Head of Operations at Xerox Inc., and Head of Legal Services for Telefónica.

Afterwards the executive joined an Alfaisaly women students and Saudi Businesswomen for a light buffet lunch and networking session Business cards were exchanged and a discussion of issues and experiences faced by the executive and the Saudi businesswomen. The Saudi women included HRH Reema Bandar bin Sultan, CEO Harvey Nichols, Audogh AlShehail, Head of Prime Legal Support, a law firm with 40 employees and operations in New York and London. Dr. Yasmine Twagari, Founder of Women Scientists Saudi Arabia, and Head of EpiVirology at KFSH and currently heading a national survey in association with Harvard University. Dr. Zeina Al-Fathalah, The first Saudi Reporter for Bloomberg News. Alber AlFattal, Head of training at Prince Salman Humanitarian center. Manal Al Rashid, Head of internal audit at MACRO Construction company. Mai Al Tafl, Risk Manager at Saudi Hollandi Bank. Aida Adnan- Owner of My Little School, Mona Shehah, from KFSH and also one of the women who climbed Kilimanjaro and Mount Everest and members of the RSA executives. 

College of Business and Institute of Management Accountant: New Partnership

Alfaisal University partners with the Institute of Management Accountants, Montvale, New Jersey in offering CMA Certification Preparatory courses

After a visit to the Alfaisal campus by John C. Macaulay, CMA, Chair of the IMA in the fall of 2012, Alfaisal University Executive Education began offering the CMA Exam Preparation course. Dr. Macaulay met with the Dean and Faculty of the Coll and select members and students at the welcome reception. Dr. Macaulay also discussed the expanding of the services of the IMA in the region and the dire need for more professional accountants in the Kingdom.

CMA’s in attendance work for a variety of organizations in Riyadh including Ministry of Health, Riyadh Bank, SED, and NAS Airline.

The IMA is recognized as the leading licensing body for CMA certification in the USA and around the globe. The IMA has over 65,000 members worldwide and has over 900 chapters. IMA’s mission is to provide a forum for research, practice development, education, knowledge sharing and the advocacy of the highest ethical and best business practices in management accounting and finance.

The course at Al Faisaly University is taught two nights a week. A CMA exam is taken in the fall. The 18 week deep course prepares the student for the professional exam which is offered two time periods a year. The two part exam is required for those seeking to be recognized as professional management accountants.

New faculty members 2012-13:

Dr. Alwathami received his Ph.D. in Accounting with a minor in Finance from the School of Business at Virginia Commonwealth University, Richmond, VA. He is the first Saudi to receive a Ph.D. in Accounting. His dissertation entitled “Do investors react to patterns of firms’ past financial performance measures?” He holds a Master degree in Accounting with Bank and Finance concentration from Weatherhead School of Management at Case Western Reserve University of Cleveland, OH, 1999.

Dr. Jason MacDonald an Associate Professor of Marketing at Alfaisal. His main teaching areas are marketing strategy and Internet marketing. He was previously a professor at Boise State in the United States but has also worked taught in Italy, Mexico, Canada, and Poland. Dr. MacDonald holds a Ph.D. in International Business and Marketing from the University of Texas – Pan American.

Dr. Francosi Bester has a PhD in Human Resources from the University of Johannesburg. Dr. Bester has led various consulting projects in a wide selection of organizations for the past 25 years. He is a human performance improvement and organisational development expert.
Alfaisal Medical Students Top Nation Wide Progress Tests

Alfaisal medical students from all batches (year 1 to year 5) took a nationwide progress test together with 11 other medical schools in the kingdom and ranked the highest out of all. It was also confirmed that 6 out of the top ten students in the kingdom are Alfaisal/COM students.

Dean of College of Medicine Dr. Khaled Al Kattan stated “It is amazing to see that our top achiever in Year-1 scored 27.95 (national average 6.71), Year 2 top achiever scored 47.24 (national average 10.91), Year 3 top achiever scored 55.73 (national average 18.41), Year 4 Top achiever scored 80.35 (national average 22.54), and Year 5 top achiever scored 88.50 (national average 36.71).”

Progress testing (PT) is a comprehensive knowledge longitudinal testing approach which assesses the end of curriculum objectives (at graduation) of undergraduate medical training across all medical disciplines. It has been used in medical education for over 30 years, both in McMaster University in Canada and Maastricht University in the Netherlands. Many of the Western Universities are adopting progress testing.

With progress testing, the entire student population of a medical school sits for the same test at the same time.

The medical school at Al Qasssem University has utilized its partnership with the Maastricht University to prepare the progress test. Many medical colleges in the kingdom contributed to the preparation of the test.

Also, some of the Year 2 students have scored more than the national average for the final year students, and many of our 3rd year medical students scored higher than many of the 5th year medical students in other medical schools.

More interestingly 27 out of 35 students of the graduating batch have scored above the national average which is 36.71. The cumulative average of these students is 55.74, which is way above the national average.

Alfaisal’s average in all years is showing an upward trend (almost doubling every year): 8.49% (first Year), 16.20 (second Year), 29.0 (third year), 34.47 (fourth year), and 48.77 (fifth year). This shows that there is continuous improvement in their learning experience over the five years of the curriculum (This is not true for all the medical colleges who appeared in this test).

A hearty Congratulation on this tremendous accomplishment and outstanding performance of Alfaisal medical students!

Corona Virus

Coronavirus are a large family of viruses that includes viruses that may cause a range of illnesses in humans, from the common cold to SARS. Viruses of this family also cause a number of animal diseases.

Novel coronavirus, which is now officially termed MERS-CoV (Middle East Respiratory Syndrome Coronavirus) is a particular strain of coronavirus that has not been previously identified in humans. There is very limited information on transmission, severity and clinical impact with only a small number of cases reported thus far.

Dr. Ziad Ahmad Memish, Assistant Deputy Minister of Health for Preventive Medicine and Professor of Medicine at Alfaisal university stated, “Globally, from September 2012 to date, WHO has been informed of a total of 44 laboratory-confirmed cases of infection with MERS-CoV, including 22 deaths; WHO has received reports of laboratory-confirmed cases from the following countries in the Middle East: Jordan, Qatar, Saudi Arabia, and the United Arab Emirates (UAE).” He went on to add “France, Germany, Tunisia and the United Kingdom also reported laboratory-confirmed cases; they were either transferred for care of the disease or returned from Middle East and subsequently became ill. In France, Tunisia and the United Kingdom, there has been limited local transmission among close contacts that had not been to the Middle East but had been in close contact with the laboratory-confirmed or probable cases. How widespread this virus may be is still unknown.”

Common symptoms in patients with MERS-CoV are acute, serious respiratory illness with fever, cough, shortness of breath, and breathing difficulties. Most patients have had pneumonia. Many have also had gastrointestinal symptoms, including diarrhea. Some patients have had kidney failure. About half of people infected with MERS-CoV have died. In people with immune deficiencies, the disease may have an atypical presentation. It is important to note that the current understanding of illness caused by this infection is based on only a few cases and may change as we learn more about the virus.

To date it’s not yet known how people become infected with this virus. Investigations are underway to determine the source of the virus, the types of exposure that lead to infection, the mode of transmission, and the clinicalpattern and course of disease.

Over the past year multiple clusters of cases in which human-to-human transmission is either strongly suspected or confirmed. These have all occurred either in a health care facility or among close family members. However, the mechanism by which transmission occurred in all of these cases, whether respiratory (e.g. coughing, sneezing) or contact (contamination of the environment by the patient), is unknown.

Unfortunately, to date, there is no specific treatment for the disease caused by MERS-CoV and treatment should be based on the patient’s symptoms, since no vaccine is available.

Preventative Strategies:

Exactly how people become infected with this virus is not known. Since neither the source of the virus nor the mode of transmission is known, it is not possible to give specific advice on prevention of infection.

However, prudent measures to prevent respiratory illness are to avoid close contact, when possible, with anyone who shows symptoms of illness (coughing and sneezing), and to maintain good hand hygiene. Other good preventive measures include avoiding uncooked or undercooked meats, unwashed fruits or vegetables, and drinks made without sterilised water. If you become sick while travelling, you should avoid close contact with other people while you are symptomatic, and use good respiratory hygiene, such as coughing or sneezing into a sleeve or flexed elbow, medical mask, or tissue, and throwing used tissues into a closed bin immediately after use.

Health care providers are advised to maintain vigilance. Recent travellers returning from the Middle East who develop SARI should be tested for MERS-CoV as advised in the current surveillance recommendations. Specimens from patients’ lower respiratory tracts should be obtained for diagnosis where possible. Clinicians are reminded that MERS-CoV infection should be considered even with atypical signs and symptoms, such as diarrhea, in patients who are immunocompromised.

Health care facilities are reminded of the importance of systematic implementation of infection prevention and control (IPC). Health care facilities that provide care for patients suspected or confirmed with MERS-CoV should take appropriate measures to decrease the risk of transmission of the virus to other patients, health care workers, and visitors.
Education in Anatomical Sciences:

College of Medicine

Preface

What is this book all about?

The discipline of anatomy has indeed a pivotal influence on the history of medicine as it serves almost as the language of medicine. This concept has not been changed till today but the modalities that we use to understand the subject have been significantly changed. The book ‘Education in Anatomical Sciences’ (Nova Science Publisher) is unique as the essential contents are put together allowing one to browse through anatomical knowledge on a daily basis. It should also satisfy anyone who believes that medical faculty must follow a system which is educationally sound. Developing an excellent anatomy curriculum, laboratory system, and anatomic resource center are key to success that will allow us to address ‘how do we teach anatomy?’! We have to continue teaching an important subject such as anatomy to the medical student as we must be innovative in terms of our approach of teaching in the presence of decreased contact hours to fulfill the curricular need of more integration. The book will target medical educators and students who may find it easier to develop concepts in gross anatomy, embryology, histology, and neuropathology. Since planning for learning experiences, their implementation and student assessment are closely related activities, care is taken to develop a process for clinically-oriented multiple choice question in anatomy that satisfies the theme and objectives of anatomy. The issues related to laboratory activities have been also addressed so as to emphasize objective-oriented practical examination that is integrated and clinically relevant during the early period of medical curriculum. The students’ perception has been brought to our attention and given a great importance as they grow from early period to clerkship phase. The book for the first time addresses education in anatomy and deserves to be valued greatly in medical schools engaged in problem-based learning or integrated systems curriculum.

What are the contents of the book?

Chapter 1

Anatomical education in the past: lessons from history

Paul Ganguly, College of Medicine, Alfaisal University, Kingdom of Saudi Arabia

Chapter 2

Why do we need changes?

Anatomy in the 21st century

Jennifer M. McBride and Richard L. Drake, Cleveland Clinic Lerner College of Medicine, Cleveland, Ohio, USA

Chapter 3

Key issues in developing anatomy curriculum

Ahmed Yaqinuddin, Department of Anatomy, College of Medicine, Al Faisal University, Kingdom of Saudi Arabia

Chapter 4

How do we teach anatomy?

Use of team-based learning strategy

Nagaswami S. Vasan and David O. Defoeve, Department of Cell Biology and Molecular Medicine, New Jersey Medical School, Newark, New Jersey, USA

Chapter 5

New horizons in medical education technology

Volodymyr Mavrych and Elena Bologova

Department of Anatomy, St. Matthew’s University, School of Medicine, Grand Cayman

Chapter 6

Anatomical education-gross anatomy (Part 1)

Stuart W. McDonald, University of Glasgow, Glasgow, Scotland, United Kingdom

Chapter 7

Anatomical education-gross anatomy (Part 2)

K Rajendran, Yong Loo Lin School of Medicine, National University Health System, Singapore

Chapter 8

Anatomical education-histology

Cell Biology/Histology is the facilitator for Integrating Biomedical Sciences in the Medical Curriculum

Bernhard H.J. Juurlink, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, and College of Medicine, Alfaisal University, Riyadh, Kingdom of Saudi Arabia

Chapter 9

Anatomical education-embryology

Integrating clinically oriented embryology into an organ systems-based curriculum

Michael J. Rindler, Department of Cell Biology, New York University School of Medicine, New York, USA

Chapter 10

Anatomical education-neuropathology

An evolving curriculum caters towards patient care

Ahmed Yaquindunn, Department of Anatomy, College of Medicine, Alfaisal University, Riyadh, Kingdom of Saudi Arabia

Chapter 11

Issues concerning Anatomy in PBL

Manoj Chakravarty, College of Medicine, Department of Biomedical Sciences, King Faisal University, Al-Ahsa, Kingdom of Saudi Arabia

Chapter 12

Innovation in anatomy teaching

Claudia M. Diaz, NMIT University, Bundoora, Melbourne, VIC, Australia

Chapter 13

An Academy Learning Resource Centre: What should it look like and what should it ideally achieve?

Paul G McMenamin and Colin McHenry, School of Biomedical Sciences, Faculty of Medicine, Nursing and Health Sciences, Monash University, Clayton, Victoria, 3800, Australia

Chapter 14

What is the best assessment system in anatomy?

Sabe Komiahi, Aftab Ahmed Shahi, Tasneem Fatima, Muhammad Atif Mazhar, Sadia Qazi and Paul Ganguly, College of Medicine, Alfaisal University, Riyadh, Kingdom of Saudi Arabia

Chapter 15

Writing Good MCQs

Raja G. Subhijah and M. Brownell Anderson, National Board of Medical Examiners, 3750 Market Street, Philadelphia, USA

Chapter 16

Practical examinations-OSPE, OSCE and SPOT

Muhammad Zafar, Ahmed Yaquindunn, Faisal Ikram, Paul Ganguly, College of Medicine, Alfaisal University, Riyadh, Kingdom of Saudi Arabia

Chapter 17

Education in Anatomy: Students’ Perception

Abdulhadi A. Alfontoni, Ahmed M. Abu-Zaid, Akmam N. Nurhussen, Ahmed A. Shamsa, Tahir Mohammad, Riya Ganguly, Matthew S. Lytwyn and Paul Ganguly, College of Medicine, Alfaisal University, Riyadh, Kingdom of Saudi Arabia and St. Boniface Hospital Research Centre, Winnipeg, Canada

Why is this book so special?

The book is very special to us for a number of reasons. First, it is dedicated to Alfaisal University to support our beloved King Faisal’s vision. Second, the preface has been written by Dr. Khaled Al-Kattan, Dean and Dr. Waal Al Kattan, Director of Academic Affairs, College of Medicine. Third, it is edited in-house by Dr. Paul Ganguly, Professor and Chairman of Anatomy. Fourth, the chapters in this book are written by well-known international anatomists including the editor of Gray’s anatomy, Dr. Richard Derek. Fifth, many of the chapters have also been written by faculty in the college of medicine. Sixth, there is no other book yet available to educators in the field of medicine which deals education in anatomical sciences and hence the book is the first of its kind. Seventh, the chapters are arranged in such a way that it addresses the core concept of medical education, how best can we teach anatomy? Eighth, this is the first book in medical education published from the College of Medicine. Ninth, the book is also published at a time when our first batch of students is graduating. Tenth, and finally, many of our senior students participated in writing a chapter on their perception thus proving that the University is also student-centered. In fact, a leading medical Educator and Editor of Guyton’s Medical Physiology, Dr. John Hall, writes to the student authors, “Congratulations on a well written and thoughtful chapter. I enjoyed reading it and appreciate your sending it to me. You make some excellent points in that chapter, including the important role of students in improving medical education. The perspectives of students who have actually experienced the curriculum are especially valuable. I made just a couple of suggestions for minor changes (see attached). The overall flow of the chapter was excellent and will be a valuable addition to the medical education literature.”

The book, published by one of the leading publishers in the USA has clearly shown state-of-the-art modalities of medical education related to anatomy. We are confident that it will be well received, not only by regional medical schools but also by those worldwide. A concept of MCIT forward indicating a joint venture between Alfaisal faculty and International leaders in anatomy testifies the high caliber of our faculty in the College of Medicine. The book, ‘Education in Anatomical Sciences’, will undoubtedly serve the light house of Alfaisal University for the world of medical education that is in line with the vision and wish of Late King Faisal.
Launching Computer Science at Alfaisal University

By: Dr. Elias Saleeby, Assistant Professor of Mathematics

Computer Science is mainly the study of the theory of computation and its many applications, such as networking, data security, software development, artificial intelligence, multimedia and graphics, controlling robots etc. Over the past few decades, the field of computer science has developed very rapidly and has penetrated and revolutionized other fields of study. Many emerging new fields of study, such as bioinformatics and financial engineering, owe a great deal to computer science and computer technology.

Job Opportunities

As applications become more and more sophisticated, there will be more and more demand for highly skilled computer scientists. Computer scientists have a tremendous variety of job opportunities. Graduates can design, implement, or manage computer software systems, as well as employ computers in numerous areas of application. They can also move easily into engineering, business, education and other multidisciplinary fields. It is hard to think of any other technological area that may offer more job opportunities in the future than computer science. So please do not miss the boat!

BS Program

The computer science program offered at Alfaisal is a rich one and is equally rigorous to any program offered at most reputable North American universities. Of course, the program is not meant to be a technical degree. It is intended to educate the student and to give him a sort of foundation that forms the basis for a life-long of learning about computer science. It has been designed to cover almost all areas of study recommended by the Association of Computing Machinery (ACM). The program is built around a set of core courses that includes the fundamentals of programming concepts, data structures, algorithms, operating systems, web development, computer networks etc. The curriculum also includes essential courses in mathematics and physics—after all computer science is a mathematical science! Once the student completes the core courses during the first five semesters of study, the student has the option to pursue one of two tracks of specialization. One track is in security and net-centric computing, and the other is in multimedia, graphics and visualization. The program requires a student to complete an internship during the summer of the third year. The internship will allow the student to gain practical experience and to put his knowledge to use in the field.

The department plans to support state of the art labs in computer science and technology. The department plans to support state of the art labs in computer science, and one or two hours credit of electives in any area(s) of interest to the student. This enables a student to prepare for immediate employment or further study at the graduate level.

The department is recruiting faculty members that are active in research and have some industrial experience in the rapidly developing field, faculty members are expected to keep up with the latest technology, latest software and other advances in their field.

The department plans to support state of the art labs in computer science, graphics and multimedia. By nature, applied computer science includes courses in mathematics and physics, as all have a good idea about what these devices are! We also know that the history of constructing mechanical computational devices is ancient and dates back to the Sumerians and the Ancient Greeks.

In 1901, the British mathematician and philosopher, Bertrand Russell (1872-1970) discovered the Russell paradox, a paradox in naive set theory which asks whether the set of all sets that are not members of themselves is a member of itself. This is often stated in a more popular form as: Does the barber in a town who shaves all men who do not shave themselves shave himself? The troubling answer is that he shaves himself if and only if he does not shave himself. This is very reminiscent of the old Greek paradox of Epimenides: This town who shaves all men who do not shave themselves shave himself? The statement is false then it is true, and if it is true then it must be false. This is what is called a "self-referencing" statement. Apparently, about 1900, the German mathematician Ernst Zermelo (1871-1953), one of the architects of axiomatic set theory (Zermelo-Fraenkel axioms) that is commonly used now, and which avoids paradoxes such as that of Russell’s, also reportedly had discovered the Russell paradox and communicated it to Hilbert. About 1910, Russell along with Alfred Whitehead (1861-1947), a British mathematician and philosopher, co-authored the Principia Mathematica. This was one of the most "serious" with "comprehensive" attempts to develop mathematics from a fixed set of axioms.

In 1930-1932, Kurt Gödel (1906-1978), an Austrian logician and mathematician, proved his two incompatibilities theorems. He showed that Hilbert's program cannot be carried out. Recall that an axiomatic system where a proposition can be proved to be either true or false is said to be complete. Using what is called Gödel numbering to code formal expressions as natural numbers, Gödel showed that Principia Mathematica itself can be thought of as a part of a number theory and that there are statements in Principia Mathematica that cannot be proved to be either true or false.

The history of constructing the electronic computer is much more recent, but we will not be reporting on this interesting story now. Instead, we will attempt to give a quick survey about the origins of theoretical computer science. In a sense, this is the other side of the coin. The purpose is to give the reader an idea of what has taken place, and to point out that this is not merely the science of operating an electronic machine. To be brief, we start roughly around the end of the 19th century and end about the middle of the 20th century. As by then, one can say that the theoretical foundations of computer science has essentially been laid.

The theoretical computer science is deeply rooted in the study of the fundamentals of mathematics, symbolic logic and analytic philosophy. Let us start with Gottlob Frege (1848-1925), a German mathematician, logician and philosopher, considered as the father of analytic philosophy. Drawing on the work of Gottfried Wilhelm von Leibniz (1646 -1716), one of the greatest philosophers and mathematicians of all time, Frege’s goal was to carry out mathematics in a purely logical way without any appeal to intuitions. Any intuitive element was to be set as an axiom.

In 1900, the German mathematician David Hilbert (1862-1943) presented a collection of 23 famous problems that in many ways were behind much of the mathematical research carried out in the 20th century. In his second problem, Hilbert wished to extend Frege’s work to all of mathematics, by proposing to formalize completely all mathematical reasoning using the precise language of symbolic logic. In other words, Hilbert sought to derive all mathematical statements from a precise set of fixed axioms in a very large number of steps. Recall that a number of axioms, systems were developed long before, for example, those of Euclidean and projective geometries.

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he baccalaureate program in Life Sciences is currently in its third year. By this time, we realized that there was an apparent misconception among potential students and general Saudi society about the meaning of “life sciences” as an abstract and non-practical field of professional specialization with low prestige and problematic prospects of employment. To address this unfounded misconception, we have proposed to rename the program as Biomedical Sciences, because this would more adequately reflect the actual focus and content of the current program. The term “biomedical sciences” refers to a particular range of disciplines of the modern life sciences with specific concentration on molecular and cellular processes in the human organism in health and disease, whereas the term “life sciences” implies a great deal of confusion.

What makes our program unique in the context of Saudi Arabia is the emphasis on undergraduate research, and we have designed our curriculum to enable fourth year students to dedicate up to 80% of their time to research. The College is establishing cooperation with academics in Europe, Asia, and North America. We also endeavor to develop research and teaching cooperation with universities and research institutions in Europe, Asia, Australia and North America.

One of my aims is to encourage involvement of undergraduate students in my research activities. In relation to this, I have engaged in collaborative research with Khaled bin Bandar, graduating senior in the Life sciences program, who recently delivered a presentation at the 245th national meeting of the American Chemical Society (www.acs.org), entitled “Synthesis, characterization and antimicrobial activity of Graphene Sheets Containing Silver Nanoparticles.” The major findings of Khaled’s research project are as follows: (i) Silver Nanoparticles and graphene sheets containing Silver Nanoparticles have similar effect on E. coli compared to the conventional chemical antibacterial agents; (ii) they are easy to collect after water treatment process finished; (iii) their antibacterial activity remains constant; and (iv) Graphene oxide (GO) is available in huge quantities. These features enable them to prevent bacterial growth in water filtration membrane as well as in reactors and pipelines used in water treatment and distribution. The ongoing research involves a variety of experimental techniques, Microwave irradiation Synthesis (MWS), Scanning Electron Microscope (SEM), Transmission Electron Microscope (TEM), X-ray Diffraction (XRD), Infrared Spectroscopy (IR), and Ultraviolet absorption Technique UV-VIS.
Student Affairs and the Social & Development Committee (SDC) hosted, on May 13-14, in the College of Science ground floor area, the first annual Silent Auction Art Gallery “Bridging Generations.” A theme highlighting the talents passed down between generations, their differences, and the importance of bridging the gap between the elderly and the young. All proceeds raised will be donated to elderly support homes.

Conceptualized and organized by students with a passion for the arts, the art gallery showed the talents of Alfaisal students, and guest artists from the community. The Artists who participated in that Art Gallery were Asma Tariq, Aisha Yun, Khalid AlAlmi, Waleed Marhoom, Ayman Zedan, Ghada Aljibreen, Hinds Saad and Fida Alhussain. They participated through their unique art pieces, which were displayed to the audience, who show appreciation for such works, and bought some of them. The Art Gallery was conducted on two days, one for males and one for females. All attendants and participants interacted to exchange cultures and recent movements in today’s art field.

Artworks represented a wide variety of forms such as sketches, graphic designs, paintings, sculptures, photography, and much more. Extracurricular activities are considered part of the services the Student Affairs department offers. It aims at focusing on the individual student level, the institutional level, and the broader community level. These activities are there to complement the university’s academic curriculum. Extracurricular activities enable students to become involved and to interact with other students, thus leading to increased learning and enhanced development.

Ifaisal Undergraduate Saudi students’ tuition is now covered (100%) and Graduate Saudi students’ tuition is covered (94%) in combination with Ministry of Higher Education (MoHE) scholarship’s program, if applicable.

We invest in you too, through Alfaisal Scholarship Programs

1. Merit-based Scholarships
This type of scholarship is awarded academically to outstanding students. It only covers part of the tuition fee (30%).

Application Process:
• Merit Scholarships are now automatic; there is no scholarship application. A student needs to get accepted into Alfaisal and confirm his/her acceptance.
• If the student fulfills the scholarship criteria, he/she will be nominated for a scholarship.
• Only the top students will be awarded, based on the fund availability.
• Merit Based covers 30% out from the Tuition fees.

2. Financial Assistance (Need-based)
This type of assistance is granted to students with financial difficulties; contingent upon fulfillment of the eligibility criteria initiated by the University that combines the family financial need and the students’ academic achievements.

Application Process:
• Need based scholarship depend on having a Merit Based scholarship; it’s an additional 10% coverage.
• The student must check the box (I would like to apply for a need-based Scholarship) located in the online application under Scholarship, and fill/Upload the required fields to be nominated for a Need-Based Scholarship.

3. Alfaisal Scholarship granting method:
• All students are grouped and sorted by their scores
• Those who met the criteria are flagged.
• Those who met the Need-Based criteria will be flagged.

The scholarship will be distributed among those who are flagged, starting from the top.
http://admissions.alfaisal.edu/scholarships.html
lfaisal University, in conjunction with “Ensan Association” hosted a fun day for 70 orphan boys as part of its efforts to inculcate notions of social responsibility among students. The Orphan fun day which took place on the grounds of the Late King Faisal’s Palace, Ali campus on Thursday, 21st February 2013.

Children (boys) ranging from 7 – 10 years of age from Ensan spent a fun-filled day with us, partaking in different activities, like football, frisbee, painting, the jumping castle, entertainment from a clown & magician, and even face painting. McDonalds the sponsor of this event provided us with all entertainment, food and an unforgettable afternoon for the children. We received an overwhelming response from our students on the announcement this event and received more than 40 volunteers helping with games, organization and putting smiles on the children’s faces.

The Marketing & Public Relations Department would like to thank all sponsors, students, and facility staff for their time and support!
Alfaisal’s social media pages have always been the best channel to communicate with current students, potential students and even alumnus as well as parents of students, faculty and staff. It also plays an important part in reaching potential students by introducing Alfaisal’s unique programs and offered scholarships.

Social media pages enable students to be involved with what’s going on at Alfaisal, as these pages are regularly updated with any current and future events that are related to Alfaisal, to give them the chance to attend and be part of its success.

The Marketing and Public Relations department will always try its best to improve the way Alfaisal social media pages are managed and this can be shown from the increased number of followers, level of interaction and interest. The below graph shows the increase in followers on Alfaisal Twitter account in the past 6 months. It is noticeable that these pages are gradually growing by the minute, which is the right information they are enquiring about.

The Marketing & PR Department hosted for the first time in collaboration with “Thursday’s Meeting” team guest Yazeed Alrajhi, Saudi rally race, to talk about his experience and achievements as a young Saudi racer champion. Following his recovery from a car accident in Roll Rally in 2013, Mr. Yazeed made his first appearance to address the young generation of Alfaisal university students.

With over 500 attendees, male & females the event kicked off with an opportunity for all to attempt a go at the car simulators, provided by Alrajhi racing team, and to record their attempts (fastest) drivers allowing participants to live and experience first hand the Yazeed experience. Gifts were awarded to the fastest racers at the end of the evening, courtesy of Yazeed Al-Rajhi.

Racer Yazeed made his appearance in the evening to shed some light on the Yazeed Al Rajhi.

Yazeed Al Rajhi: Interview

Thursday 23rd of May, 2013, Alfaisal hosted for the first time in collaboration with “Thursday’s Meeting” team guest Yazeed Alrajhi, Saudi rally race, to talk about his experience and achievements as a young Saudi racer champion. Following his recovery from a car accident in Roll Rally in 2013, Mr. Yazeed made his first appearance to address the young generation of Alfaisal university students.

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Racer Yazeed made his appearance in the evening to shed some light on his childhood dreams to become a racer and how he started his career in his early days, he also expressed his passion towards cars and mentioned the difficulties he faced in the society starting with his family concerns and observation about this hobby. He also talked about his participation in the 13 rallies that he raced in.

It was noted that Racer yazeed started his career in the year 2008 and is still racing until today, he wish to establish his own racing circuit and racing school.

A “photograph session” was also part of the evening surprises, where guests had the opportunity to take photos of the racer’s winning cars with the best three photographs given a gift at the end of the show.

The evening ended with audience receiving gifts that included air tickets to Turkey, Iphone & Ipad! Yazeed gave hosts of the event a big thanks and also to his fans in the audience for participating.
Alfaisal University Library

Mustafa Abbas Abdelwahid, Director of University Library

Alfaisal University Library is committed to providing quality service and an excellent collection of materials to support the mission, goals, educational, and research needs of the university community including students, staff, faculty and administration, in support of the University’s diverse curriculum. During this academic year, the Library started the process of overhauling the whole library structure and operation plans, and with the help of the University Leadership, the Library was able to achieve the following objectives:

A new website for the Library was launched, available at http://lib.alfaisal.edu/. The recently launched library website was received with a great enthusiasm by the Library users; within less than two weeks of its launch, the total number of visitors exceeded 4,000 visitors. The Library website provides students and faculty members with all the information that they may need when they navigate the Library, for example, the Library Faculty Services tab in the main website provides guidance to Alfaisal University faculty members on how to use the library, incorporate the Library resources in their curriculum, place materials on reserve, place an Interlibrary Loan (ILL) requests for materials for inclusion in that are not available in the Library, and how to recommend books, journals, and other materials for inclusion in the Library collection.

During the 2012-2013 academic year, the Library embarked on ambitious project to build its collection of electronic resources to meet the rising demands for these types of resources among its users. More than 150,000 e-books were added to the Library. The newly added books are mainly from high calibre publishers such as Oxford University Press, Cambridge University Press, Emerald, Springer, IEEE etc. These newly added e-books cover all subjects taught in the University. The Library also enhanced its databases and e-journals collection by subscribing to more than 100 databases and about 100,000 electronic journals.

To empower Alfaisal University community with the necessary skills on how to utilize the Library resources, the Library began to offer a range of user education services to help library users find and evaluate information more efficiently and effectively. As of today more than 19 information literacy sessions were organized by the Library and the number of participants in these sessions exceeded 340 students and faculty members.

To enhance its online presence, and to provide additional services to its users, the library the Library also initiated a new project called the Subject Guides, available at http://libguides.alfaisal.edu/library. The aim of the project is to dedicate a library website to every class that is taught in Alfaisal, thus far, more than 96 subject guides have been published. The Library currently has the largest database/Subject Guides in the Kingdom.

The Library also joined the Saudi Digital Library (SDL), a highly important development, which has enabled us to further enrich and enhance the resources available for our users and to help in containing the rising cost of databases subscription. By joining the SDL, the Library be able to share resources with other higher education institutions in KSA, and become part of the Interlibrary Loan Services that is currently in place.

To facilitate faculty and students constant access to library resources, The Library implemented a remote access service for its resources called EZproxy, which allows students and faculty members to access the library resources 7/24 from off the campus or anywhere around the world.
Winning Posters in 4th Annual Research Day Student Poster Competition held 10 April 2013 at Alfaisal University in Riyadh

One of Alfaisal University’s priorities is competence building by helping to develop a student’s intellectual abilities and team working skills through involvement in focused research that address strategic problems of concern to the country and the region. The “Research Day Student Poster Competition” is held each year to strengthen the vision that research is indeed one of the missions of Alfaisal University. Students present their summer research activities/proposals/future programs. Students may submit a research paper in one of the following four categories: Business & Management; Engineering & Technology; Medicine & Health Science; and Science & Humanities. Any undergraduate student currently enrolled at university is eligible to take part in the annual competition.

This year there were 36 posters, a 70% increase over last year. The Organizers were pleased to see that the College of Business contributed posters for the first time. In addition, a total of 16 posters were contributed by female students. This was also the first time that the competition had four distinct categories. Prizes were awarded in each category. The awards, which consist of trophies and cash prizes will be handed out at an official ceremony to be arranged by the University in the near future.

The Chair of the Organizing Committee, Mattheus Goosen, said “each year I continue to be impressed by the quality of work produced by our students. This year’s presentation was done either on their own, in groups or in collaboration with local research centers as well as overseas institutions.”

On behalf of all the faculty judges and members of the Organizing Committee we would like to congratulate all participants in the competition. Alfaisal University is very proud of all of our students.

Mr. Abdulhadi AlAmoudi, a final year medical student and Director of the Undergraduate Research Committee in the College of Medicine said that “I believe that events such as the recognition ceremony are very important in encouraging students to join scholarly driven projects. It is also well known that appreciation will help in retaining those students who are currently doing research to continue on this path. We were also very happy with the recent announcement of the Boeing Student Research Awards competition.”

I think that we, as students, will continue to help advance the undergraduate research culture on campus.”

The students were thrilled to have the awards and certificates handed out by the Chair of the Executive Committee, HH P. Bandar, the Provost, Dr Faizal Al-Mubarak, the Executive Director for External Affairs, Dr Maha Al Saud, and the College Deans, Dr Gilles Cormier (Engineering), Dr Khalees Al Kattan (Medicine), Dr Daniel Lund (Business) and Dr Noureddine Zettiti (Science & General Studies).

There was also a surprise guest speaker, Mr. Paul Salopek, an American journalist and writer and two-time Pulitzer Prize winner, who is currently on a seven year walk along one of the routes taken by early humans to migrate out of Africa. He spoke to the students about the next generation of Saudis making history every day. Mr. Salopek’s journey which will cover more than 20,000 km, beginning in Africa, in Ethiopia, across the Middle East and through Asia, via Alaska and down the western edge of the Americas to the southern tip of Chile aims to cover current major global stories by walking alongside the people who live them. The project entitled, Out of Eden, is partially funded by the National Geographic Magazine.
It is a wonderful moment, heavy with the delicious smells and scents of the new harvest, as we celebrate the gathering of the first fruits of this modern young university. We, the King Faisal Foundation and the Board of Trustees of the Alfaisal University, are delighted to present to Saudi Arabian society - and to the Arab world - an elite cohort of young men and women of this university, all of whom have completed their studies in their various scientific pathways and have obtained the degrees which qualify them to serve their communities in a variety of crucial fields of vital application to our modern society - fields in which they have demonstrated competency in both theory and practice.

The King Faisal Foundation established this University as part of its education mission to realize the vision of the martyr king – Allah Bless his soul – of establishing a scientific institution that offers specialized academic programs having the best and most up to date formats and resources, cooperating with the best universities overseas.

This noble project, since its beginning, has enjoyed the support of the Custodian of the Two Holy Mosques, King Abdullah bin Abdul Aziz, and the Crown Prince, which has given this mission momentum and pace. This university has also been supported by a distinguished elite of individuals both inside and outside the Kingdom, who took upon themselves the social responsibility of serving the Arab nation, enabling each individual within the walls of this institution to be a unique competitor on the race track of universal civilization.

All these influences have contributed towards founding this university upon a solid base of international modern experience in its multi-disciplinary fields, and upon a base of high moral principles values. This firm grounding is reflected in the system of the university’s strategies and protocols, in its regulations and making-decision processes, in its curriculum, its governance, and in its competent teaching staff - hereby offering the requisite theoretic, scientific and practical ideals, examples, norms and values to its student body.

I am proud of our sons and daughters, the ripe fruit of this university, and recall the long journey of forethought, effort and planning that was undertaken to prepare for this great day, from the time that I presided over the laying of the first foundation stone, till the day, as I attended the first ceremony of the university’s first graduate students. It is no doubt that we are proud of, and optimistic for, these graduating students as they leave us, taking with them the benefit of knowledge bestowed upon them and, counting on Allah, to proceed hence to reconstruct and reform our world, and to give effect to the will of Allah.

I congratulate them, and salute their perseverance in their pursuit of knowledge and success.

I thank, too, all who contributed to this place of science becoming a beacon of enlightenment in our capital, Riyadh, radiating commitment and service to our community and to the Arab nation.

I wish all of you success, progress and the blessings of Allah.

Khalid Al Faisal
Chairman of the Board of Trustees
Alfaisal University
I
undergoing major restructuring so as to be
the last two years from 45 to 100. The number of
campus, the number of faculty has increased over
Numerical figures confirm our achievements,
key performance indicator criteria.
towards the realization of the ambitious goals
the last few years, and in accordance with our
batch of students from Alfaisal University. Over
celebrate this year's graduation of the second
With God's guidance, and the efforts of my
Male and Female Graduates, Respected Guests
Highnesses, Your Highnesses and Excellencies,
I would like to also thank His Highness Prince Bandar Bin Saud Al Aziz, Chairman of the
Executive Committee and Member of the Board of Trustees; the Ministry of Higher Education;
I would like to reiterate my sincere congratulations to the graduating Class of 2013, males and
Alfaisal University was established with a clear commitment to excellence in technical education,
research, and community service. To achieve the Late King Faisal's vision (God bless his soul), it
is important to invest in attracting the best academiccomers, and to collaborate with the Ministry of
Higher Education in establishing an environment that inspires innovation and excellence.
Most sincere thanks and gratitude are extended to the sons, daughters, grandsons and
granddaughters of the Late King Faisal (May Allah Bless his Soul), who have spent generously
in the process of negotiating  a thirty-million Riyal research partnership with KACST, and our
Science and Technology (KACST) has reached 30 million Saudi Riyals. The university is currently
of Alfaisal's mission, the value of research proposals funded through King AbdulAziz City for
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in the process of negotiating a thirty-million Riyal research partnership with KACST, and our
faculty are actively engaged in research projects with other prominent and renowned local and
international partners, including ARAMCO, Partners Harvard Medical International, College of
Business at Harvard University, the Research Center at King Faisal Specialized Hospital, BOEING,
the General Authority for Investment, and Al-Anoud Establishment,
According to Thompson Reuters, taking into consideration the number of faculty, Alfaisal University
ranked first in publishing high impact factor journals in biology, third in medical sciences,
fourth in all majors, and with respect to the number of published medical journals, it
ranked seventh among the Saudi Universities. Alfaisal University also ranked number one in the
highly competitive Aramco national research competition, winning a large number of grants.
Alfamulldullah, with the help of God, Alfaisal University’s programs have received the general and
specific academic accreditations in record time, and we will finalize the accreditation
requirements in the coming few days.
Newbacher’s and master’s degree programs have been launched, after a thorough exploration
of trends in education worldwide, as well as an analysis of job market needs - in consultation with
relevant institutions in the public and the private sectors. Since 2011, the university has
in collaboration with the Institute of Management Accountants (IMA) in the US, the College of
Business launched the Executive Education program to offer training courses in relation to the
Certified Management Accountant (CMA) qualification. This program aims to offer more than
training courses during the next year, God willing.
Seeking knowledge is a noble task, making it available is a great trust, and benefitting from it in
various walks of life is a big challenge.
numerous figures confirm our achievements, which we believe are still modest in relation to our
impressive ambitions. At Alfaisal University’s main campus, the number of faculty has increased over
the last two years from 45 to 100. The number of students has also increased from 350 to 1400,
apart from the University Preparatory Program (UPP), and the Prince Sultan Colleges for Tourism
and Business in Abha and Jeddah, both of which now are functioning under the umbrella of
Alfaisal University. Both institutions are currently undergoing major restructuring so as to be
aligned with the vision and mission of Alfaisal. In research, which is one of the major pillars
of Alfaisal’s mission, the value of research proposals funded through King AbdulAziz City for
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in behalf of all College of Business faculty and staff, it is a great honor and privilege, to congratulate the graduating class of 2013. We applaud your persistence and dedication for pressing forward to accomplish this great academic and personal achievement.

Your determination, with the support of family, friends, and the Alfaisal University faculty and staff, has brought you to this point. Well done.

Your Alfaisal University Degree is like a stock that you have invested in. We will all do our best to ensure that stock rises in the coming years so that you can always be proud to say ‘I am a graduate of Alfaisal University.’ Wherever you go and whatever you do, you are high-level ambassadors for Alfaisal University and the College of Business.

Go forth boldly, humbly, and confidently with your business degrees and prosper greatly in all of your personal and business ventures. Congratulations!

Speech – Dr. Daniel W. Lund
College of Business, Alfaisal University
May 15, 2013

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Speech – Dr. Daniel W. Lund
College of Business, Alfaisal University
May 15, 2013
In the words of Winston Churchill: “we make a living by what we get and we make a life by what we give.” For every student in this hall today, make a living but also a life, be successful and also significant, be practical but also empathetic and human.

Your Royal Highness, Prince Khaled bin Bandar, Your Royal Highness Prince Turki Al Faisal, dignitaries, Provost, honorable faculty and staff, proud parents and siblings, particularly my parents and sister who did not know of my speech, and most importantly, the graduating class of 2013, a splendid evening to all of you. My name is Naqi Haider Rizvi, and I stand in front of you as a proud engineering graduate of Alfaisal University.

I have had an incredible and memorable 4 year journey in this institution, yes I am visually impaired as I was born with an incurable disease, but that didn’t make me lose my vision (correct this as in re word it). With the help of Allah (SWT), the support of my parents and sister, the belief and confidence on the part of my teachers, and the encouragement from my friends allowed me to cross all hurdles to get closer towards my goals.

I have stumbled through hurdles of life but I got up each time with belief and a smile. When I needed to learn my teachers would guide; their voice of wisdom made me read and write. My family’s patience helped me through the most difficult times of my life. I persevered to reach my goal of becoming an engineer, and here, at the age of 22, I feel very lucky to have been through the tough experiences that I went through. These hardships molded me for the better and I emerged as a more committed, resilient, and ambitious person. I did not allow obstacles to overcome me. Instead, I surmounted them with courage and achieved victorious.

My dear friends, the day we change our outlook towards life and think positively, we will begin to view obstacles as challenges, failures as stepping stones to success, and rejection as routes to other doors. For those around me, my world seems colorless and dark to them. However, I tell you with confidence that my world is very bright and illuminated. In fact, my world is perfect when you see things, you view them the way they are. However, I look at the world the way I wish to see it and ignore all the imperfections that your eyes make you see. When I view Alfaisal University’s magnificent structure in my mind’s eye, it seems to be a wonderful piece of art.

Even more beautiful than the physical structure is its student-faculty-staff composition. Its ambition of becoming a student-centered university will take it to great heights and will produce visionaries. I am proud to graduate from this institution and I am sure you are too. This day is to recognize us for our efforts and not to make us a student group in history. We need to carry forward the legacy of knowledge, faith, and performance.

This day marks a major transition in our lives from the sheltered and forgiving world of academia to the demanding and cumbersome job market. Some of us will become great doctors, some skillful engineers, some responsible business men and women, and others valued scientists. We all should stay connected with ourselves and the university as this close-knit family will thrive as a single entity.

At the end, I would like to thank all those who helped me make my dream a success. The list goes on and on, but here are some very special people: my family, teachers, friends, Dr. Faisal Mubarak, Dr. Maher Alodian, Dr. Hicham Abad, Mr. Adel Rajab, Ms. Saphia Ikram, Dr. Gillies Cormier, Dr. Abdallah, Dr. Sa'id Salweh, Eng. Faisal Lodi, Hamnam Adam, and Ahmad Farahat. Thank you for supporting me all the way and for having the confidence in my abilities.

We the graduating cohort of 2013 shall make you all proud! I depart by saying that I am part of Alfaisal and Alfaisal is part of me. You will shine and prosper. Lets grow together….Le nakbur Maan

I thank you.

Speech – Naqi Haider Rizvi
College of Engineering Graduate
May 15, 2013
Alfaisal Graduate of 2013
Master of Business Administration
(Men)

Abdulaziz Khalid Alenazi
Abdulaziz Omar AlAfaleq
Abdullah Abdulrahman AlMutairi
Abdulrahman Abdullah AlQahtani
Awaad Abdullah ALShammar
Bander Mohammed AlDuwais
Eyad Ibrahim AlJohani
Fahad Abdulmohsen AlMulhem
Faisal Ali Alasiri
Ibrahim Mohammed AlGadah
Majed Ali Bin Jabir
Mashary Musallam AlShaman
Mohammed Abdulrahman BinMousa
Mohammed Ahmed Jamal AlShennawi
Mohammed Musfir AlMalki
Mohammed Saif AlIbrahim
Monif Mohammed AlOtaib
Motasim Adil Niazy
Muawia Abdulrahman Basodan
Nasser Saad Ali AlShehri
Nedal Saeed AlZahrani
Omar Abdulaziz AlOmer
Saleh Munia AlSharekh
Sultan Abdulaziz AlNasser
Turki Abdulaziz AlNemr
Ziad Bandar Mohammed Alyousef

Alfaisal Graduate of 2013
Bachelor of Science in Business Administration
(Men)

Abdulaziz Mohamed ALSarhan
Ahmad Mohammed oin AlDroubi
Ahmed Munir Alnajjar
Ali Ghazi AlJarba
Ammar Yasser Awad
Fahad Abdulaziz AlDeghaither
Fahad Ahmed Alowaidha
Fahad Saud BinDughaythir
Faisal Saud AlKulai
Hussam Asad ElFatwadrak
Ibrahim Saleh AlMotawa
Muath Mehdhi Khifawi
Muhammad Abdulwahab Algarawi
Naif Abdulla Allobaidallah
Rakan Abdulmonem Alrashed
Turki Hussein Alkahtani
Waleed Hamad Alsmail
Alfaisal Graduate of 2013
Bachelor of Science in Engineering
(Men)

Abdulhameed Mohammed Almaarik
Abdulrahman Faisal Alsaud
Abdulrahman Mohammed AlSayed
Abdulwahab Khalil AlFraih
Ahmad Khaled Elashkar
Anas Mouath AlRifai
Badeea Ferdaous Alazem
Fahad Abdulaziz BinMeshait
Feras Osama AlNimer
Khalid Abdulaziz Alromaizan
Khalid Ahmed AlRabia
Mohammad Husam AlRazaz
Mohammed khaled Ibrahim
Naif Abdulaziz AlSuwailim
Naif Mohamed Ghazal
Obdahali Abdulfatah AlWad
S.M. Naqi Haider Rizvi
Samii Kasawat
Saud Bandar Alsaud
Tarek Ziyad Alissa
Usamah Mohammed Ajmal
Yaser Riyadh Elajou
Youssef Omaia ElKwah
Ziad Waleed Alsudairy

Alfaisal Graduate of 2013
Bachelor of Science in Life Sciences

Khaled Bin Bandar Alsaud

Alfaisal Graduate of 2013
Bachelor of Medicine, Bachelor of Surgery

Abdalrahman Hassan Shuqair
Abdulhadi Abdulrahman AlAmoudi
Abdullah Faisal AlHamoud
Abdullah Mazen AlShammari
Abdurrahman Khalid AlHamdani
Abdelrazaq Osama AlKukhun
Ahmad Hazem Adi
Ahmad Talal M Anas Chamsi
Ahmed Ali Shaibi
Ahmed Magdi AbuZaid
Akram Mustafa Nurhussen
Alaaeldin Osama AlRas
A’man Talal Inayah
Anas AlmHD Hisham AlKhani
Anas Mohammed Koudieh
Ayman Mohammed Awad
Bara Abdulkarim Almakadma
Hamza Fawwaz AlAbbasi
Hani Jamal AlTurkmani
Malik Mohammad Nassan
Muhamed Essam Sebai
Mohamed Nazhat AlYafi
Mohammad Abrar Shareef
Mohammad Fahmi Mathbou
Mohammad Iffat Kabir Anindo
Mohammad Samir Kushaim
Mohannad Mohammed Abusaleh
Muhammad Lucman Anwer
Mustafa Akef Obeidat
Naser Salamat Ullah Nazir Ahmed Al Barzan
Sadek Akef Obeidat
Salman Mohammed Nazmi
Sultan Mansour AlDeghailther
Tareq Mansour AlTuhaifi
Youssef Ahmed Alkurdi
Graduation Highlights
Al-Faisal University honors 139 graduates

Riyadh: Ali Fayyaz

Friday, 17 May 2013

Al-Faisal University honored Wednesday 139 students, including 24 men and 25 women students with master of business administration (MBA) degrees, 17 men and eight women with undergraduate business qualifications and 25 graduates from the college of engineering.

Riyadh Gov. Prince Khaldan bin Bandar attended the university’s graduation ceremony at the Princess Haya bint Turki auditorium.

Also present at the event were Prince Turki bin Abdulah, deputy governor of Riyadh, and Prince Turki Al-Abdulrahman, vice chairman of the Board of Trustees.

During the opening ceremony, Prince Khalid said "a Renaissance" in education was taking place in the kingdom under the leadership of Custodian of the Two Holy Mosques King Abdullah and Crown Prince Salman.

"It is an honor to be here among the elite academics and employees of the university who have shown such scientific excellence. This young university has added a distinguished educational organization to the city of Riyadh," he said.

He thanked the graduates and all their supportive parents and families. "He said the university "was anambition project a year ago and, now, before us today, it is the celebration of the graduation of its students, which couldn't happen without the leadership, support and determination of the university management."

He said the expansion of the kingdom's universities, the diversity of disciplines and international scholarships are all linked to labor market needs in the kingdom.

"It would like to take this opportunity to congratulate Prince Khaldun Al-Faisal on this great achievement and I send my praise to his brothers, sisters and employees of the university," he said.

"Faisal bin Abdulaziz Alabdulrahman, the university's chief academic officer, said: "Al-Faisal has launched more academic programs at the undergraduate and master's levels after a thorough analysis of global labor market trends and the labor market requirements in the kingdom."

He said that the College of Business Administration, in collaboration with the Institute of Chartered Accountants in America, launched the executive education program to provide the Certified Management Accountant (CMA) training course. The university plans to launch 25 similar training programs next year.

Hani Haider Rizvi, a blind student who was the top performer in engineering, said his disability has not prevented him from working hard and getting ready for the "difficult labor market."
Information Technology

HTML

It’s no secret that the standard hand-eye coordination tests doctors use to monitor neuromuscular deficits – typically when a patient is injured or as a patient ages – can be subjective, relying on, say, descriptions of reflexes and cognitive status such as “mild,” “moderate,” and “severe.”

So researchers at the Wyss Institute for Biologically Inspired Engineering at Harvard, the Beth Israel Medical Center, and Hebrew SeniorLife have been developing what they call a rapid neuroassessment device, nicknamed NeuroAssess, to measure neuromuscular performance quantitatively instead of qualitatively.

They’ve recently tested it on 150 healthy people aged 21 to 95 in the Boston area and are reporting in this week’s Journal of Gerontology that their tablet-based tool can assign an actual number to describe the difference in performance between various individuals and conditions.

“This new tool may hold great potential to augment existing protocols in a doctor’s neuromotor assessment toolbox,” Wyss Senior Staff Engineer Leia Stirling, who led the study, said in a news release. “It is portable, repeatable, quick to administer, and easy to perform.”

In the study, participants used a stylus on a tablet to perform a basic tracing task, follow a moving target around a circle. Wyss developed proprietary computer methods to measure even the smallest deviations from the circle, which help observe such skills as “motion fluidity” (how long the user pauses) and “complexity” (how well the person adapts to changes). The app analyzes this data while taking into account the participant’s age, sex, and handedness, and then assigns a number.

Now that they’ve collected baseline data from healthy subjects, the team will investigate how well NeuroAssess can, well, assess people with known neuromuscular pathologies, from concussions to multiple sclerosis. The team is already working with athletes in Boston to gauge its ability to diagnose concussions.

What is The Internet of Things

The Internet of Things (IoT) is a concept that describes how the internet will expand as consumer devices and physical assets are connected to the internet. Key elements of the IoT which are being embedded in a variety of mobile devices include embedded sensors, image recognition technologies and NFC payment. As a result, mobile no longer refers only to use of cellular handsets or tablets.

The possibility of concurrently running transactional and analytical applications against the same dataset opens unexplored possibilities for business innovation. Numerous vendors will deliver in-memory-based solutions over the next two years driving this approach into mainstream use.

Learn more about Big Data is moving from a focus on individual projects to an influence on enterprises’ strategic information architecture. Dealing with data volume, variety, velocity and complexity is forcing changes to many traditional approaches. This realization is leading organizations to abandon the concept of a single enterprise data warehouse, instead they are moving towards multiple systems, including content management, data warehouses, data marts and specialised file systems tied together with data services and metadata, which will become the “logical” enterprise data warehouse.

In memory computing (IMC) can also provide transformational opportunities. The execution of certain-type-of-hours-long batch processes can be squeezed into minutes or even seconds allowing these processes to be provided in the form of real-time or near real-time services that can be delivered to internal or external users in the form of cloud services.

Tips for Safe Online Banking

• It is better to avoid using public terminals (such as Internet cafes) for Internet banking through these days there is double verification through SMS.
• Beware of the higher risk of interception during a wireless connection. Only do your banking via a wireless hotspot if you are certain of the integrity of the connection.
• Ensure that you have an up to date anti-virus and spyware software and perform regular system scans.
• Never access the site via a link. Rather type the address into the browser address bar or save the address as a ‘Favourite’.
• It is better not open other websites while logged into Internet Banking only have a single browser window open.
• Choose a User ID and password that cannot be easily guessed and change these regularly.
• Ensure your Operating System is up-to-date.
• Check for the padlock in the your browser window (it indicates a secure site). You can click on this padlock to verify the site ‘owner’. As shown below.
• When you complete your online banking tasks, log off and close the browser window.
• Never provide your password over the Internet (by email) or over the telephone to anyone (including persons identifying themselves as bank officials).
• Don’t trust a PDF payment proof unless verified by the bank - these documents can be manipulated by fraudsters.
Enhanced nutrition to drive health at the molecular level

Even in developed countries millions of people suffer from malnutrition due to nutrient deficiencies in their diets. New modern genomic techniques can determine at the gene sequence level the vast number of naturally consumed proteins which are important in the human diet. The proteins identified may have advantages over standard protein supplements in that they can supply a greater percentage of essential amino acids, and have improved solubility, taste, and nutritional characteristics. The large-scale production of pure human dietary proteins based on the application of biotechnology to molecular nutrition can deliver health benefits such as muscle development, managing diabetes or reducing obesity.

Remote sensing

The increasingly widespread use of sensors that allow often passive responses to external stimuli will continue to change the way we respond to the environment, particularly in the area of health. Examples include sensors that continually monitor bodily function such as heart rate, blood oxygen and blood sugar levels, and if necessary, trigger a medical response such as insulin provision. Advances rely on wireless communication between devices, low power-sensing technologies and, sometimes, active energy harvesting. Other examples include vehicle-to-vehicle sensing for improved safety on the road.

Carbon dioxide (CO2) conversion and use

Long-promised technologies for the capture and underground sequestration of carbon dioxide have yet to be proven commercially viable, even at the scale of a single large power station. New technologies that convert the unwanted CO2 into salable goods can potentially address both the economic and energetic shortcomings of conventional CCS strategies. One of the most promising approaches uses biologically engineered photosynthetic bacteria to turn waste CO2 into liquid fuels or chemicals, in low-cost, modular solar converter systems. Emerging technologies such as forward-osmosis can additionally improve efficiency by utilizing low-grade heat from thermal power production or renewable heat produced by solar-thermal geothermal installations.

Self-healing materials

One of the defining characteristics of living organisms is their inherent ability to repair physical damage. A growing trend in biomimicry is the creation of non-living materials that also have the capacity to heal themselves when cut, torn or cracked. Self-healing materials which can repair damage without external human intervention could give manufactured goods longer lifetimes and reduce the demand for raw materials, as well as improving the inherent safety of materials used in construction or to form the bodies of aircraft.

OnLine Electric Vehicles (OLEV)

Wireless technology can now deliver electric power to moving vehicles. In next-generation electric cars, pick-up coil sets under the vehicle floor receive power remotely via an electromagnetic field broadcast from cables installed under the road. The current also charges an onboard battery used to power the vehicle when it is out of range. As electricity is supplied externally, these vehicles need only a fifth of the battery capacity of a standard electric car, and can achieve transmission efficiencies of over 80%. Online electric vehicles are currently undergoing road tests in Seoul, South Korea.

Three-dimensional printing allows the creation of solid structures from a digital computer file, potentially revolutionizing the economics of manufacturing if objects can be printed remotely in the home or office. The process involves layers of material being deposited on top of each other in an attempt to create free-standing structures from the bottom up. Blueprints from computer-aided design are sliced into cross-sections for print templates, allowing virtually created objects to be used as models for "hard copies" made from plastics, metal alloys or other materials.

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Energy-efficient water purification

Water scarcity is a worsening ecological problem in many parts of the world due to competing demands from agriculture, cities and other human uses. Where freshwater systems are over-used or exhausted, desalination from the sea offers near-unlimited water but a considerable use of energy – mostly from fossil fuels – to drive evaporation or reverse-osmosis systems. Emerging technologies offer the potential for significantly higher energy efficiency in desalination or purification of wastewater, potentially reducing energy consumption by 50% or more. Techniques such as forward-osmosis can additionally improve efficiency by utilizing low-grade heat from thermal power production or renewable heat produced by solar-thermal geothermal installations.

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Prior to the establishment of Alfaisal University, an oath was taken by a number of supporters of knowledge and education pledging time, effort, and money to transform the dream into reality. 11 Co-founders joined hands to establish the seed foundation of this non-profit educational institute with a contribution of SAR 110,000,000.

In the past 6 years, Continuance contributions were pledged exceeding the amount of SAR 1 billion to support this education monument and was spent on fund buildings, scholarships, research, operation, resources, etc. The Advancement Office provides a central point of contact for coordinating and generating philanthropic support for the future development and success of the University. It offers the skills and experience necessary to manage and run the University’s fundraising program in a professional and coordinated manner, and is pro-active in generating gifts for the University. Using core activities including: Donations & Legacies, and Events & Stewardship.

Alfaisal Advancement Office successfully completed the first quarter of 2013 with over SAR 30,597,340 in commitment.

Ongoing commitment
Alfaisal University, Commitment to deliver highly qualified graduates equipped with the necessary skills and tools is through the finest education and support system.

First Quarter

P

Extended commitment
Donors who completed their commitment are being approached to extend that commitment

New Commitment
The Advancement Office successfully obtained new commitments by approaching new donors and presenting ways to collaborate with Alfaisal University.

Events:
1- The International Women’s Day
In honor of The International Women’s Day that takes place yearly on 8th of March with a worldwide celebration to female achievements and success in fields such as politics, economics, education, and social work. This year, the world celebrates its 100 year ceremony and in Saudi Arabia – Riyadh City the celebration highlighted Saudi Women’s contributions to the society where Al-Faisal University partnered with Saudi Business Incubator – Makeen and Luthan Hotel and Spa for an evening to remember presenting a number of its top Saudi female managers and students speaking about their achievements, whereas Makeen presented success stories in entrepreneurship and MSC business.

2- AlAnood Foundation Visit
Alfaisal University had the pleasure of welcoming AlAnood Foundation party, Dr. Yousef AlKattan – Secretary General, and Mr. Khalid AlSuliman. The visit started with a welcoming tour followed by a presentation of Alfaisal University, then, Dr. Khalid AlKattan dean, Collage of Medicine discussed the action plan for the lung cancer research funded by AlAnood Foundation. Dr. Yousef expressed appreciation for Alfaisal University achievements and the effort of its highly qualified staff. Further collaboration was agreed upon in the near future.
Alfaisal Alumni & Placement Relations

The mystery of Alfaisal University isn’t just what happens indoors. It’s the secret of how our alumni and faculty inspire the world through innovation and excellence. It’s the scenario of how they have created prominence and developed recognition, enduring the win and loss of markets, professions, and jobs.

We are honoured by the positive social impact of Alfaisal’s alumni and faculty, who have enhanced capital markets, improved economic models, expanded prosperity, and constructed institutions.

Alumni & Placement Relations (APR)
The APR Department’s first priority is to assure that every Alumni/ Alumnus’s story is crowned with success. Our mission is to accommodate all the graduates in their desired jobs, strengthen the network between the Alumni and the university, and the network among themselves. This is accomplished by providing career and personal advancement, generating interaction, and stimulating long term relations and learning activities among the alumni as well as the university.

The APR team provides superior guidance for Alfaisal graduates as they are our ambassadors during all the stages of their career paths to elevate the educational systems that Alfaisal is committed to achieve.

Objectives and Goals:
- To create and maintain a growing placement database, allowing us to provide a timely hub and to be available at all stages of our Alumni’s career paths.
- To maintain a career portal that is an electronic hub of all our services such as CV builder, job search, career path tracking, and many more features.
- To provide networking opportunities for our alumni, students, and other stakeholders.
- Creating an annual newsletter updating and announcing AU and Alumni activities.
- Engaging in successful regional career fairs and workshops.
- Conducting topnotch graduation ceremonies and university reunions.
- Recognize the outstanding alumni and volunteers through Alumni award programs and events.

Alfaisal Alumni Association

When Alfaisal students graduate they automatically become members of Alfaisal Alumni Association. This allows our graduates to enjoy life long benefits provided by Alfaisal.

Benefits for our Alumni
- Campus access
- Library privileges
- Various learning opportunities both nationally and internationally
- Job hunt, career path tracking, and vast networking chances
- Mentoring support

Alfaisal Career Centre Portal

The Alfaisal Career Centre Portal has a wide range of available options which enables students to identify what suits them best. The APR Department is strongly committed to offering equal opportunities to all its users by offering impartial objective advice and guidance while respecting the confidentiality of any personal information received. Our main goal is to help our alumni land full-time jobs.

Alfaisal hosted its Second Annual Career Fair on May 7th 2013, with over 47 companies participating. The Career Fair aims to provide students with information about job opportunities and hiring availabilities in the local market and to facilitate the communication between the graduates and employer companies through having students submit their CVs to various companies which are located in one place.

With over three dozen employers - covering many sectors – such as BAE systems, SAP, United Technologies, Thales, Aramco, Intel, GRE Assets, Carrier Corporation, KAUST, Jónes Lang Lasalle (MENA), King Khalid Foundation, Aljomaih Holding Co, Altheb, Ingies, Jafada and many more were eager to meet young graduates to fill current/potential vacancies.

Students that visited the fair felt this was an excellent opportunity for them to meet potential employers face to face and market themselves to their chosen industry. Mx Al Jokah Al Saud from the Alumni & Placement Relations stated “Even if students haven’t finished their course and are still in further study, careers fairs are still worthwhile as a source of information, contacts and interview experience”.

Make sure that you visit the next Career Fair as you will learn to:
- Hone your interview skills – Even if you aren’t offered a job, talking to prospective employers about graduate appointments gives you valuable confidence and experience of interviews.
- Expand your network – Meeting job recruiters and even fellow graduates helps you build useful contacts for future reference.
- Learn industry information – Speaking to job recruitment professionals in your chosen sector is a great way to learn about the industry.
- Gather information about companies – Investigating the kind of graduate placements offered by a company tells you a lot about that organization as a whole.
- Securing potential work placements- If you are a student still in your year study you can approach companies and inquire about internship programs and research opportunities.

What position does Alfaisal University’s graduate hold? And how is his performance evaluated?

We usually provide intensive practical training to fresh graduates for the purpose of gaining experience. Furthermore, there will be available specific opportunities to join the elite program through which many advantages will be granted such as direct employment with Mobily, lucrative salaries, distinctive incentives and allowances, extensive training programs for two years, the opportunity to work on special projects during the training period for individuals with outstanding performance, and an exceptional career path with fast track promotions for high achievers. Mobily will assess the performance of individuals enrolled in the Elite program via a specialized consulting firm in addition to internal evaluation from Mobily’s human resources department based on their performance evaluation index.

In your view what differentiates Alfaisal University graduates from graduates of other institutions? Would you be willing to recruit more Alfaisal University graduates in the future?

Mobily continuously seeks to attract qualified graduates from local and international universities. Alfaisal University has been ranked amongst other universities as having the best students. This excellent reputation is due to its advanced curriculum in addition to privileged partnerships with prestigious international universities such as Harvard University, MIT, and Cambridge. Mobily considers Alfaisal University as the top university to recruit from due to the competencies of its graduates and by continually contributing highly qualified professionals to the labor force.

Mobily

As a worldwide recognized company, what are the advantages which Mobily holds that makes it appealing to the work force?

Mobily is considered as one of the most growing telecommunication institutions in the world. This feature gave a general impression about the company’s direction and its ability to compete in the sector in which it operates. In turn this built a positive picture to job seekers about the internal work environment that prompted “Mobily” staff to provide all of their skills and innovations for the company to continue its leadership in the telecommunications sector. In addition to the financial results achieved by the company, the increase number of subscribers, and the huge investments in infrastructure development makes Mobily one of the most important choices of job seekers.

What are the training and development plans at Mobily?

Mobily offers many training programs for all its employees on an annual basis, giving them the freedom to choose the course that suits their interests and contributes to the development of their skills. It also provides specialized training courses to develop specific skills amongst its employees. Moreover, the “Mobily Elite Program” which was launched by the senior management is the most prominent training program. It attracts talented young Saudi fresh graduates either from a bachelor’s or master’s degree. The management was keen to launch the program because it enables employees to acquire all experiences via peer integration and movement between all the departments of the company. As well as providing them with intensive courses and specialized programs to enhance the performance. Mobily is keen to make this the best program for the development of all competencies by 2015.

An Alumnus

Magazine

59 August 2013

Alfaisal University Magazine

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