



Innovation For Life

Khalifa University of Science, Technology and Research in Abu Dhabi produces graduates (BSc, MSc, and PhD) who form a superlative cadre of engineers, technologists and applied scientists. KU faculty are well-versed in the creation of knowledge, as well as its dissemination and transfer.

COMPETITION



Faculty Team Wins Qatar's Challenge 22

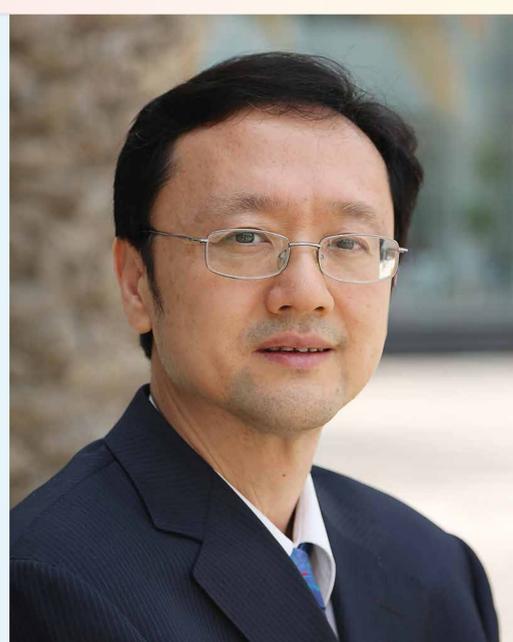
Dr. Ahsan Khandoker and Dr. Hani Saleh were recently named as one of six teams to win Qatar's Challenge 22, a legacy initiative for the 2022 World Cup. Their winning idea is a device that monitors safe exercise for athletes and non-athletes alike. They were chosen out of 330 applicants from around the GCC and were the only team from the UAE to win. The team received USD 20,000, as well as the opportunity to work with mentors in their field of interest, develop their idea into a prototype and ultimately the chance to showcase their ideas on a global platform.

➤ [Click here to read more about Challenge 22](#)

Induction into the Canadian Academy of Engineering

Professor of Mechanical Engineering, Dr. Quan Wang, was inducted into the Canadian Academy of Engineering on June 2015, at a ceremony in Ontario, Canada. Dr. Wang was recognized for his research into smart materials and nanotechnology, in addition to his extensive activities with the American Society of Mechanical Engineers (ASME), and the American Society of Civil Engineers (ASCE), as well as his work as an active board member, author and editor for several major engineering publications such as the Journal of Sound and Vibration, and the journal Carbon for the American Carbon Society. He was also a founding Associate Editor for the ASME Journal of Nanotechnology in Engineering and Medicine.

➤ [Click here to read more about Canadian Academy of Engineering](#)



KUSTARS



FACULTY SPOTLIGHTS

Head in the Cloud

Dr. Khaled Salah, Associate Professor of Electrical and Computer Engineering at Khalifa University, has been sharing his knowledge on cloud computing with students and peers alike. Most recently, as keynote speaker at the 5th International Conference on Computing and Informatics (ICOCI 2015) held in Istanbul, Turkey, where he discussed the "State of Cloud Adoption in Higher Education."

➤ [Click here to read more about Dr. Khaled Salah](#)

Khalifa University to Open Center of Excellence in Biotechnology

A new research center devoted to the study of biotechnology, which will be headed by renowned Emirati scientist, Dr. Habiba Al Safar. The Khalifa University Center for Biotechnology (KUCEB) will be a hub for research and development, encouraging interdisciplinary translational research with industry in order to develop the nation's pharmaceutical, Healthcare, biotechnology and life sciences sector.

➤ [Click here to read more about the Center of Excellence in Biotechnology](#)



COLLABORATION



COLLABORATION

Khalifa University/IAEA Educate the Next Generation of Nuclear Professionals

Nuclear Energy professionals from around the world recently attended The International Atomic Energy Agency (IAEA) Nuclear Energy Management (NEM) School hosted by Khalifa University. Thirty five young UAE professionals, currently working for the national nuclear energy program, alongside 11 international participants from Bangladesh, Indonesia, Jordan, Malaysia, the Philippines, Qatar, Saudi Arabia, Sri Lanka, Thailand and Viet Nam, attended the two week long school which aimed to improve the transfer of knowledge about issues pertaining to nuclear energy to the next generation of professionals.

➤ [Click here to read more about IAEA](#)

Q&A with Mariam Al Ali: Internship with Center for Forensic Science

Biomedical Engineering student Mariam Al Ali became one of the first Khalifa University students to attend a six week internship with the Center for Forensic Science and the University of Western Australia, in Perth. During her internship she had the opportunity to study Physical Anthropology as part of a project they were tasked with. Physical Anthropology is a subfield of anthropology that provides a biological perspective to the systematic study of human beings, more specifically, the students focused on studying human skeletal remains with the aim of determining their biological profile, such as gender, age, stature and ancestral groupings.

➤ [Click here to read more about this](#)



STUDENT SUCCESS



For more information about research at Khalifa University, please email kupulse@kustar.ac.ae or visit www.kustar.ac.ae

