



### 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.

#### Professor Receives Bill and Melinda Gates Foundation Grant

Khalifa University faculty member Prof. Ernesto Damiani, leader of EBTIC's Big Data initiative and Director of the University's Information Security Research Center, has recently received a Bill and Melinda Gates Foundation Grant totaling 100,000\$ USD, in order to support his project aimed at improving secure payment systems in developing countries.

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### COMPETITION



#### Professor Named as a Thomson Reuters Highly Cited Researcher

Khalifa University Professor George K. Karagiannidis, a member of the Department of Electrical and Computer Engineering, has been named as one of Thomson Reuters Highly Cited Researchers for 2015.

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### KUSTARS

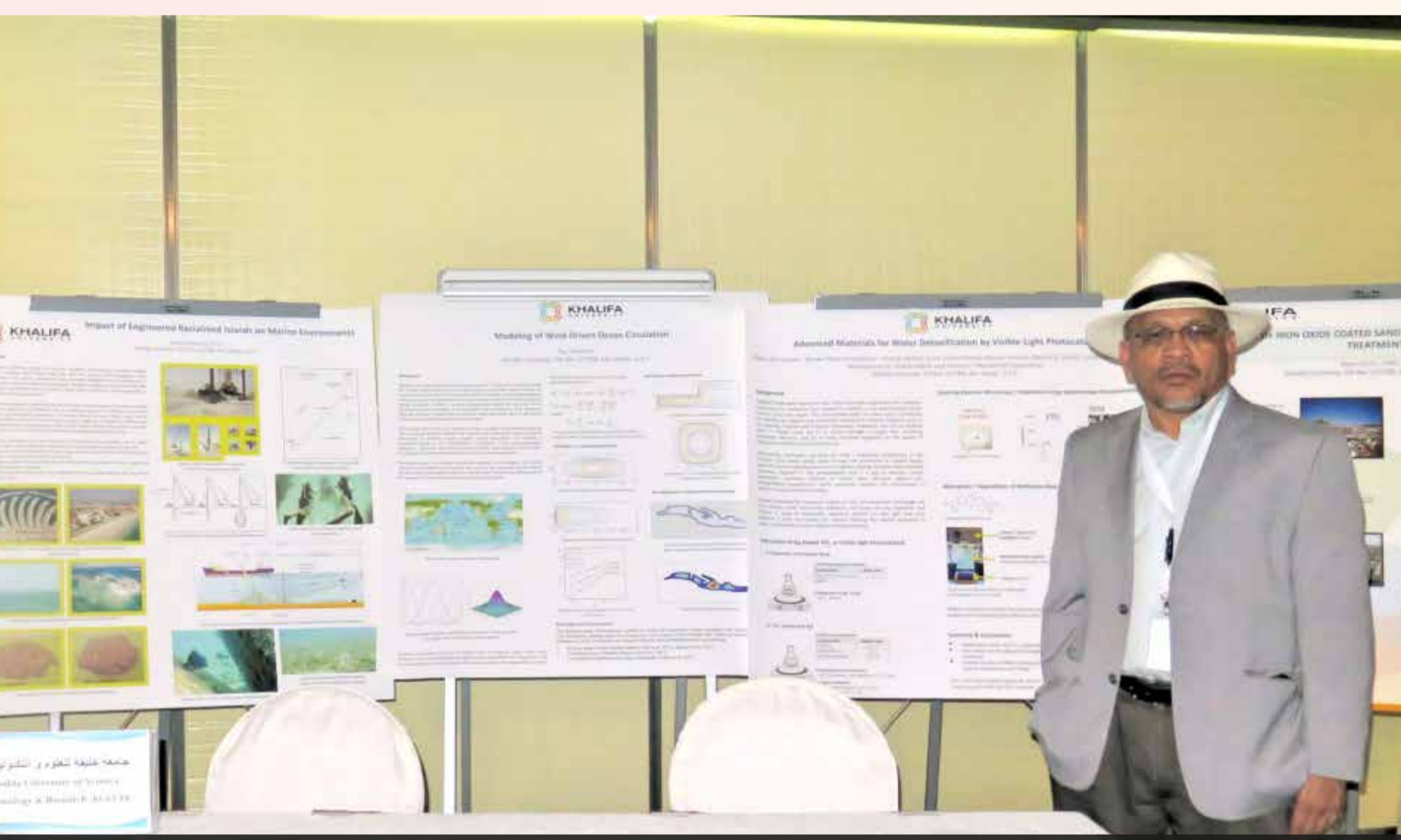
#### Regenerative Medicine

Assistant Professor of Biomedical Engineering at Khalifa University, Dr. Nicolas Christoforou, who recently spent the summer conducting research at Duke University in the USA. His research interests focused upon the effect of physical forces on the function of vascular cells and skeletal muscle, cell adhesion, and the design of engineered tissues.

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### FACULTY SPOTLIGHTS



### COLLABORATION

#### Support for the Preservation of Marine Environments

Khalifa University exhibited and presented at the Al-Fujairah First International Marine Environment Conference. The exhibit focused on the impact of reclaimed islands on Marine environments, and on reducing the release of waste water into marine environments.

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#### Students Experience the World of Clean Energy

Khalifa University Students had the opportunity to delve into the world of clean energy during their recent internship with British energy company Amec Foster Wheeler.

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### STUDENT SUCCESS



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#### Students Get Opportunity to Program REEM Robot

Three students had the opportunity to program PAL Robotics S.L. state of the art REEM Robot recently as part of a research project aimed at improving the humanoid robots audio/visual features and improve its interactions with humans.

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#### University Unveils Innovative New Space Lab

Khalifa University recently opened its new Spacecraft Platform for Astronautic and Celestial Emulation (SPACE) laboratory, this innovative new lab comes equipped with special Unmanned Aerial Vehicles (UAV's), robots and sensing systems that all help mimic actual conditions in space, and develop the base and the workspace for the students to conduct experiments of spacecraft relative motion.

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### STUDENT SUCCESS



For more information about research at Khalifa University, please email [kupulse@kustar.ac.ae](mailto:kupulse@kustar.ac.ae) or visit [www.kustar.ac.ae](http://www.kustar.ac.ae)

