KSA Climate

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Kuo-Wei Huang is currently Professor and Director of Chemical Sciences Program at KAUST. He received his B.S. from National Taiwan University in 1997 and Ph.D. from Stanford University in 2004. Prior to joining KAUST in 2009 as a founding faculty member, he had been Assistant Professor in National University of Singapore (NUS) and Goldhaber Distinguished Fellow at Brookhaven National Laboratory (BNL).

The research interests of his group include CO_2 utilization, hydrogen storage, small molecules activation and kinetic and DFT studies of transition metal and organocatalysis. He is a co-author of over 200 peer-reviewed international publications and a co-inventor of 18 patents and patent applications.

He has received numerous awards, including Appreciation of distinguished teaching contribution, Ministry of Education, KSA (2017), Rising Star, International Symposium for Young Chinese Chemists (2016), Rising Stars Lectureship, 41st International Conference on Coordination Chemistry (2014), SABIC Chair Professorship (2013-2016), Asian Rising Stars Lectureship, the 15th Asian Chemical Congress (2013), RIKEN Visiting Fellowship (2012); Asian Core Program Lectureship (2012), Certificate of Appreciation from King Abdulaziz and his Companions Foundation for Giftedness and Creativity (MAWHIBA) and Ministry of Education of Saudi Arabia (2011, 2014), UK-Singapore Partners In Science Collaboration Development Award（2008), Gertrude and Maurice Goldhaber Distinguished Fellowship (with Dr. Etsuko Fujita, 2004-2007), Regina Casper Stanford Graduate Fellowship (2002-2004), and Yuan T. Lee Fellowship (1993-1997). He also serves as an Associate Editor of *Journal of Saudi Chemical Society* (JSCS) and *Journal of Molecular and Engineering Materials* (JMEM). He is a consultant and trainer for the Saudi Team for International Chemistry Olympiad (STIChO).

He is proud of his students' achievements from his efforts in high school and graduate school education: 5 sliver and 16 bronze medals in International Chemistry Olympiad, many national awards in National Olympiad for Scientific Creativity (Ibdaa) and Intel's ISEF, and the 3rd place award at Falling Walls Lab 2016.