

DTU Contributes to Scientific Research in Danang in 2016

On December 28th, the Danang People's Committee presented awards to recognize the achievements of young scientists for three outstanding inventions and the authorship of twenty-six papers in ISI-indexed journals. In 2016, DTU researchers contributed twenty-two papers and co-authored another four. DTU is now considered as the leading contributor to research in the city in relation to other local universities.



DTU researchers receive Certificates of Merit from the Chairperson of the Danang People's Committee

DTU has made impressive achievements after focusing on research for the past five years. In 2016 alone, the university had 214 international publications, with 205 in ISI-indexed journals, double the number in 2015, which had 105 papers, including 101 in ISI-indexed journals.

Several DTU ISI indexed papers had high impact in the fields of Physics, Construction, Chemistry, the Environment and others, including an article entitled "DNA Redox Hydrogels: Improving Mediated Enzymatic Bioelectrocatalysis", published in the ACS Catalysis, with an impact factor of 9.31.

On December 24th, Dr. Le Nguyen Bao, DTU Vice-Provost, was one of twenty leading Danang scientists awarded Certificates of Merit from the Danang People's Committee for their active involvement in promoting the city's science and technology sector between 1997 and 2017.

As a Vice-Provost of the first and largest private university in the Central Region, Dr. Bao has restructured the entire range of educational programs and, since 2007, expanded partnerships with well-known international universities to share their internationally standardized curricula. The university collaborates with Carnegie Mellon University, one of the four leading universities in Information Technology in America, with Purdue University, one of the ten leading technology universities, with Pennsylvania State University, one of five largest public universities, with California State University in Fullerton, the largest institution in the California State University system, with Cal Poly, San Luis Obispo, and CSU - Cal State, one of the five leading universities in Architecture.

As a leader of the "e-University" project, Dr. Bao oversaw and participated in developing the Training Management Software System to streamline DTU's student management. He also put into practice ten other software products, including "The Virtual 3D Human Anatomy" application, which is part of the "Virtual 3D Body System" won first prize in the Tri Thuc Tre Vi Giao Duc Award in 2016.

To reestablish teaching methods at DTU, Dr. Bao completed and presented projects as the second Vietnamese participant in the CDIO Initiative (Conceive-Design-Integrate-Operate), after the National University in HCMC. DTU also participated in the UNESCO PBL Center (Problem-Based Learning) project, as the sole Vietnamese member.

DTU has adopted CDIO and PBL as the foundation for upgrading courses and curriculum planning in Engineering and other disciplines. DTU students have won several awards, including a first and a second in the 2013 CDIO Cup, hosted in the USA at Harvard University and MIT, and the Asia-Pacific IDEERS Championship in 2014 in Taiwan.

Dr. Bao has published fifteen research papers in national and international journals, including seven in ISI journals. He has also just completed one Ministerial research project and is working on another, in addition to one Provincial project. Dr. Bao made a proposal for new Doctoral programs in Business Administration and Computer Science and submitted it to the Ministry of Education & Training for approval, helping DTU become the first private university in Vietnam to offer Doctoral programs.

Other DTU researchers have already been honored. Dr. Le Duc Toan was conferred the title of Associate Professor by the Chairman of the National Professorship Council. In 2015, Dr. Ho Khac Hieu became the

youngest Associate Professors in Vietnam. In 2014, Dr. Phan Van Nham won another award for young Vietnamese researchers in Buon Ma Thuoc.

(Media Center)