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Date: 26 Sep 2014

### Press Release

#### UM wins most prizes at Macao Science and Technology Awards twice in a row

The Science and Technology Development Fund of Macao SAR has released the name list of the recipients of the Macao Science and Technology Awards 2014. The University of Macau (UM) became the first research institution in Macao to win most prizes at the award twice in a row.

Of the 14 prizes presented this year, UM scholars won all the prizes in the Technological Invention Award category, two second prizes and two third prizes in the Natural Science Award category. Some members of the evaluation committee noted that UM has reached international level in research in Chinese medicine and microelectronics, with some good results in environmental protection research as well.

The evaluation committee conducted strict evaluation of 41 projects in accordance with the Regulations on Awards for the Development of Science and Technology. And after a voting process, the evaluation committee suggested that 14 prizes should be awarded this year, including three second prizes and three third prizes in the Natural Science Award category, three second prizes and three third prizes in the Technological Invention Award category, as well as one second prize and one third prize in the Science and Technology Progress Award.

Below are UM recipients of the Macao Science and Technology Awards and their projects:

Category	Prize	Recipient	Research Project
Natural Science Award	2 <sup>nd</sup> Prize	Li Yangmin, Xu Qingsong	Novel Parallel Micro-/Nanomanipulator Design and Control
	2 <sup>nd</sup> Prize	Leung Chung Hang, Wang Yitao, Lu Jinjian, Chen Meiwan, Chen Xiuping	Modulation of biological targets involved in cancer development by Traditional Chinese Medicine and natural products
	3 <sup>rd</sup> Prize	Pun Chi Man, Zhou Yicong, Philip Chen Chun Lung, Tang Yuanyan, Chen Long	Technologies for Feature Analysis and Multimedia Security



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	3 <sup>rd</sup> Prize <sup>#</sup>	Lei Kam Peng, Wang Zhishi	Ecological Accounting of Limited System: Principle and Practice
Technological Invention Award	2 <sup>nd</sup> Prize	Mok Kai Meng, Yuen Ka Veng, Hoi Ka In, Tam Sik Chung	Air Quality Modeling and Forecasting in Macao
	2 <sup>nd</sup> Prize	U Seng Pan, Sin Sai Weng, Zhu Yan, Chan Chi Hang, Chio U Fat	Research and Development of Comprehensive and Advanced Data Conversion Platforms in Nanometer CMOS Technology
	2 <sup>nd</sup> Prize	Mak Pui In, Law Man Kay, Rui Paulo da Silva Martins	Analog and Radio Frequency Microelectronics Turn-Key Interfaces for Ubiquitous Wireless Connectivity
	3 <sup>rd</sup> Prize	Dong Mingchui, Fu Binbin, Lei Wai Kei, Ma Jiali, Guo Ran	Pervasive Cardiovascular Health Monitoring and Prognosis Technology and System
	3 <sup>rd</sup> Prize	Wang Zhishi	Assessment for city environmental pollution and control strategy of Macao
	3 <sup>rd</sup> Prize	Wong Man Chung, Lam Chi Seng	Low-Cost and Low-Loss New Generation Current Quality Compensator (CQC): Design, Control and Application

# The research is accomplished by UM and the Macau Science & Technology Association

**Caption:**

1. UM wins the most prizes at the Macao Science and Technology Awards two times in a row.

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