

## Three Patents for Three TKU Teachers

學校要聞

Three TKU teachers recently received patents from the ROC and US for each of their scientific inventions. The teachers include Department of Chemistry professor, Adam Shih-Yuan Lee, Department of Mechanical and Electro-Mechanical Engineering professor, Lung-Jieh Yang, and Department of Chemical and Materials Engineering associate professor, Wu Rome-Ming. Dr. Lee's work involves using organic compounds to test for the existence of mercury ions in water. Dr. Lee explained that in Taiwan mercury is a commonly found pollutant. Therefore, effective mercury testing procedures are a necessity. Dr. Yang created a biomedical device that uses micro patterned biopolymers while Dr. Wu invented a cyclonic separator that performs the function of particle sorting.