



## **Press Release from the Institute of Forensic Medicine, Ministry of Justice**

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### **Professor Yu from the Sam Houston State University gave a speech at our institute**

Dr. Jorn Chi Chung Yu, a Professor of Forensic Science at Sam Houston State University, gave a speech at our institute on June 26, 2025. Topic : The development of forensic standards and best practices in the United States, and Houston Forensic Science Center Operations. He has more than 18 years of teaching and research experience in forensic science. Professor Yu worked as a criminalist for more than ten years before pursuing an academic career. Professor Yu's research interests are diverse and span traditional areas of forensic chemistry, trace evidence examination, pattern evidence, crime scene reconstruction, and artificial intelligence. Professor Yu serves as a voting member on the Academy Standard Board in the Consensus Bodies of crime scene investigation and bloodstain pattern analysis. Additionally, he holds a position on the Board of Directors for the Houston Forensic Science Center.

He talked about the origins of the development of forensic science standards in the United States. In 2009, the National Academy of Sciences (NAS) published a landmark report titled "Strengthening Forensic Science in the United States: A Path Forward," highlighting significant deficiencies in the forensic science community and providing a comprehensive set of recommendations for improvement. One of the key recommendations was the standardization of forensic practices to ensure consistency, reliability, and scientific validity across various forensic disciplines. In response to this call for action, several organizations have taken significant steps to advance the standardization of forensic science. The Organization of Scientific Area Committees (OSAC) for Forensic Science, administered by the National Institute of Standards and Technology (NIST), has played a pivotal role in this effort. OSAC facilitates developing and promoting high-quality, technically sound standards through a transparent, consensus-based process. These standards define minimum requirements, best practices, and standard protocols to ensure that forensic analyses are reliable and

reproducible. The American Academy of Forensic Sciences (AAFS) Academy Standards Board (ASB) has contributed significantly by developing consensus-based forensic science standards within an American National Standards Institute (ANSI) accredited framework. In addition, Professor Yu explained that the Texas Forensic Science Commission is the supervisory body for forensic laboratories. Its mission is to develop forensic science standards, policies, and accept public complaints about identification reports, in order to improve the quality of forensic science analysis in Texas. The Houston Forensic Science Center is a private identification agency that accepts various identification cases from various commissioning units. Its operation method is refreshing and provides another angle to think about the operation of forensic work.

In this speech, Professor Yu hopes to provide a reference for the future development of Taiwan's forensic science field by sharing the experience of formulating standards in the United States, the mission of the Texas Forensic Science Committee, and the operation of the Houston Forensic Science Center. This time, Professor Yu talked the process of formulating standards in the United States in a professional, humorous, and detailed manner. This speech ended perfectly in a pleasant atmosphere.



Picture 1 : Director Ho and Professor Yu took a picture together.



Picture 2 : Professor Yu gave a speech at our institute.