



# NETP

## 國科會奈米國家型科技人才培育計畫

Nanotechnology Education and Training Project,  
National Program on Nanotechnology, NSC, Taiwan

In the six years of executing Phase I of the “National Program on Nanotechnology”, the Human Resource Development Program, we integrated educational resources from K-12 to university for seeded teachers training, developed several general educational material for nanotechnology education, and opened many nanotechnology related courses suitable for students in each level. The results are fruitful. Not only have many nanotechnology professionals been trained, the popularization of knowledge in nanotechnology has also been improved. The rich experience and splendid results this project has gained enabled Taiwan to enter the world spotlight of human resources training in nanotechnology.

Due to the success of Phase I, the Nanotechnology Human Resource Development Program, the Department of Science Education, NSC started to plan and execute Phase II, the Nanotechnology Education and Training Project, in late 2008. Phase II not only integrated and continued the results of Phase I, but also expanded the scope of execution, in addition to introducing a new approach to the project. This project continuously developed and linked many education subjects, improving the accomplishment of nanotechnology in citizens, through developing and research the curriculum by the fundamental research of nanotechnology education. At the same time, we established the Center of Teacher Education of Nanotechnology to improve the academic knowledge of science education, enriched the digital learning resource platform, and constructed the communing website for nanotechnology teachers. Meanwhile, our project explored the international cooperation and communication to expand Taiwan’s international recognition, and as well as building quality nanotechnology learning environments to achieve the goal of promoting popular science education in nanotechnology.