

Department	Project name	Project host	Plan start date	Plan end date	Total amount (excluding technology transfer and self-financing)	Personal plan/ Department plan	Account name
Department of Mechanical and Electrical Engineering	Research and analysis on key technologies of self-driving ships in Taiwan	Yi-Ming Wang	109/12/01	110/05/31	70,000	Personal plan	Income from industry– university cooperation
Department of Mechanical and Electrical Engineering	Near-field antenna development	Yong-Ling Lai	109/12/01	110/11/30	150,000	Personal plan	Income from industry– university cooperation
Department of Financial Technology	Family convenience store Co., Ltd.: Strengthening and cultivation of high-quality enterprise teachers	Ling-Yu Wun	109/12/01	110/12/31	500,294	Personal plan	Income from industry– university cooperation
Engineering Material Test Centre	Establishment of a computer- aided design software execution program and improvement of operational efficiency	Zong-Ming Chen	109/03/01	109/09/30	124,629	Personal plan	Income from industry– university cooperation
Department of Geography	Establish an urban perception evaluation model and an interface for flood control toughness analysis	Pei-Wun Lu	109/02/05	110/03/31	986,000	Personal plan	Income from industry– university cooperation

Department of Biology	The detailed project "integrated identification and analysis system for quarantine pests detected in border inspection" of "risk analysis of export and import of plants and their products, R&D, improvement, and application of quarantine technologies and procedures"	Zong-Chi Lin	109/01/01	109/12/31	200,000	Personal plan	Scientific research subsidy income
Innovation Education Centre	Development plan of small and medium-sized enterprise creation and education institutions of the Ministry of Economy in 109	Jhih-Syong Chen	109/01/01	109/12/31	1,000,000	Department plan	Other subsidy income
Department of Biology	Discussion on the relationship between the reproductive cycle of ant-eating animals and nutritional changes of ants and an artificial diet nutrition improvement plan	Zong-Chi Lin	109/01/31	109/12/31	850,000	Personal plan	Revenue from government commissions
Institute of Optoelectronic Technology	Design of high sensitivity underwater ultrasonic acoustic components	Fu-Li Siao	109/03/01	109/10/31	200,000	Personal plan	Income from industry–university cooperation
Department of Geography	Research on an innovative agricultural extension system and strategy in 2009	Yu-Liang Tseng	109/01/01	109/12/31	100,000	Personal plan	Scientific research subsidy income

Department of Industrial Education and Technology	Motion analysis and path planning of an industrial six-axis manipulator	Yuan-Long Lai	109/04/01	109/09/30	230,000	Personal plan	Income from industry–university cooperation
Department of Biology	Efficacy test of ant killing bait agent IGR of red imported fire ants	Zong-Chi Lin	109/04/15	109/06/14	90,000	Personal plan	Income from industry–university cooperation
Department of Biology	Efficacy test of ant and bait killing agent: Tropical fire ant IGR	Zong-Chi Lin	109/04/15	109/06/14	90,000	Personal plan	Income from industry–university cooperation
Department of Electrical Engineering	Development of a balance module for an automotive lead-acid battery	Liang-Ruei Chen	109/01/01	110/02/28	940,000	Personal plan	Income from industry–university cooperation
Department of Accounting	Marketing strategy and financial diagnosis of Lager Technology Co., Ltd	Yu-Jhen Tang	109/04/23	109/06/11	59,947	Personal plan	Income from industry–university cooperation
Department of Biology	Monitoring and emergency control plan for invasive red fire ants in Flora Exposition Area-Houli Forest Park Area and Waipu Park Area of Taichung City in the second half of 2009	Zong-Chi Lin	109/07/01	109/12/31	380,000	Personal plan	Revenue from government commissions

Department of Biology	Regional bait control plan for the red fire ant invasion in Waipu Park, Flora Exposition Area, Taichung City in 109	Zong-Chi Lin	109/06/09	109/12/31	200,000	Personal plan	Revenue from government commissions
Technical and Vocational Education Centre	Interdisciplinary adoption counselling: Jin Yi Sheng Industrial Co., Ltd	De-Fa Chen	109/06/01	109/11/30	120,000	Department plan	Income from industry–university cooperation
Department of Mechanical and Electrical Engineering	Design of a precision positioning circuit for microelectromechanical systems	Yi-Ming Wang	109/07/01	110/01/31	67,000	Personal plan	Income from industry–university cooperation
Department of Mechanical and Electrical Engineering	Design of the mechanism and structure dynamic noise module	Yi-Ming Wang	109/08/01	110/03/31	93,000	Personal plan	Income from industry–university cooperation
Virtual I & C Centre	Electronic circuit design of an integrated sterilisation table lamp	Kai-Chao Yao	109/08/01	110/05/31	150,000	Personal plan	Income from industry–university cooperation
Institute of Telecommunication Engineering	5G mobile broadband course promotion plan: Coding Theory	Dong-Jhou Chen	109/08/01	110/07/31	522,500	Personal plan	Other subsidy income
Technical and Vocational Education Centre	CORTEX-MX ARM embedded system development and teaching experimental platform	De-Fa Chen	109/08/01	110/04/30	304,973	Department plan	Income from industry–university cooperation

Department of Biology	Development plan to produce high economic value Gardenia compatibility by biotransformation processes	Chiou-Lan Sieh	109/06/01	110/03/31	900,000	Personal plan	Income from industry–university cooperation
Technical and Vocational Education Centre	Intelligent 5G multiplex universal control gateway	De-Fa Chen	109/08/01	110/07/31	337,276	Department plan	Income from industry–university cooperation
Technical and Vocational Education Centre	Research project on the application of high oxygen-containing water in cosmetology and medicine	De-Fa Chen	109/09/01	110/06/01	1,312,707	Department plan	Income from industry–university cooperation
Department of Electrical Engineering	Measurement and analysis of high-frequency response of the filter	Jhao-Jhih Lin	109/09/15	109/11/14	195,000	Personal plan	Income from industry–university cooperation
Technical and Vocational Education Centre	Applying big data technology to build a business intelligence model of the elevator equipment industry	De-Fa Chen	109/10/15	110/07/15	309,436	Department plan	Income from industry–university cooperation
Nanotechnology Centre	Semiconductor etching technology cooperation development project	Sian-Chang Wu	109/12/03	110/12/02	1,234,596	Personal plan	Income from industry–university cooperation

Department of Chemistry	An industry–university cooperative research project on the chemical separation of bonded glass resin intermediate membrane PVB and glass	Han-Wun Li	109/11/01	110/10/31	60,000	Personal plan	Income from industry–university cooperation
Department of Mechanical and Electrical Engineering	"Research and development of active 3-degree-of-freedom force sensor for hardware grinding process" of ‘year 109 smart mechanical sensor service platform’ project"	Ming-Fei Chen	109/09/01	110/05/31	1,800,000	Personal plan	Scientific research subsidy income