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專長領域：			
1. 生物統計	2. 環境統計	3. 兒科世代研究	4. 資料庫分析

主要學歷

畢／肄業學校	國別	主修學門系所	學位	起訖年月
國立清華大學	台灣	統計學	博士	1992 / 9 至 1997 / 6
國立清華大學	台灣	統計學	碩士	1991 / 9 至 1992 / 6
私立東海大學	台灣	數學系	學士	1987 / 9 至 1991 / 6

現職及與專長相關之經歷

服務機關	服務部門／系所	職稱	起訖年月
現職：私立長庚大學	公共衛生科	副教授	2016 / 8 至今
林口長庚紀念醫院	兒童內科部	副研究員	2016 / 01 至今
經歷：私立長庚大學	公共衛生科	助理教授	1999 / 08 至 2010 / 07
私立長庚大學	護理學系	副教授	2010 / 07 至 2016 / 07

近五年之執行及申請中研究計畫：

科技部 (主持人)

計畫名稱	起迄日期
台灣先天性心臟病患暫時性失去追蹤之預測模式探討 (NSC102-2314-B-182-006)	2013.08.01 至 2014.07.31

科技部 (共同主持人)

計畫名稱	起迄日期
16-25 歲第一型糖尿病患「健康照護總裁」行動應用程式發展與成效評值之研究 (NSC107-2314-B-182 -069)-	2018.08.01 至 2019.07.31

國家衛生研究院計畫(共同主持人)

計畫名稱	起迄日期_
鏡像治療結合跨顱直流電刺激於中風復健之療效增益試驗 (Augmenting the Effects of Mirror Therapy for Stroke Rehabilitation by tDCS) (NHRI-EX106-10604PI)	2016.01.01 至 2017.12.31

長庚醫學研究計劃 (共同主持人)

計畫名稱	起迄日期_
鏡像治療結合跨顱直流電刺激於中風復健之療效增益試驗 (Augmenting the Effects of Mirror Therapy for Stroke Rehabilitation by tDCS) (201600227A0)	2017.01.01 至 2021.12.31

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1. Jaing TH, Chen SH, Wen YC, Chang TY, Yang YC, **Tsay PK**.(2018). Effects of Cryopreservation Duration on the Outcome of Single-Unit Cord Blood Transplantation. Cell Transplant. 2018 Mar;27(3):515-519. (SCI)
2. Liu XY, Huang YT, Lai MY, Chen J, Chu TW, **Tsay PK***, Shiao CC*(2018). Predicting cardiogenic pulmonary edema in heart failure patients by using an N-terminal pro-b-type natriuretic peptide (NT-pro BNP) -based score. Clin Chim Acta. 2018 Feb 20;480:26-33.(SCI) *corresponding author
3. Jaing TH, Chen SH, Wen YC, Chang TY, Tsai DY, Chung HT, **Tsay PK(2017)**.. Factors Affecting Survival in Children With Pericardial Effusion After Hematopoietic Stem Cell Transplantation. Cell Transplant. 2017 Nov;26(11):1792-1797. (SCI)
4. TH Jaing, **PK Tsay**, (Equal Contribution) TY Chang, YC Wen, YC Yang, SH Chen, YC Tian (2017). BK Virus-associated Haemorrhagic Cystitis in Children Undergoing Allogeneic Haematopoietic Stem Cell Transplantation: A Single Institution Experience. HK J Paediatr (New Series) Vol 22. No. 3, 2017 (SCI)
5. Wan YL, **Tsay PK**, Wu PW, Juan YH, Tsai HY, Lin CY, Yeh CS, Wang CH, Chen CC (2017). ” Impact of filter convolution and displayed field of view on estimation of coronary Agatston scores in low-dose lung computed tomography.” Int J Cardiol. 2017 Jun 1;236:451-457.(SCI)
6. Juan YH, **Tsay PK**, Shen WC, Yeh CS, Wen MS, Wan YL.(2017). “Comparison of the Left Main Coronary Bifurcating Angle among Patients with Normal, Non-significantly and Significantly Stenosed Left Coronary Arteries.” Sci Rep. 2017 May 4;7(1):1515-1522. doi: 10.1038/s41598-017-01679-3. (SCI)
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8. Cheng LH, Tsai YF, Wang CH, **Tsay PK**.(2018). “Validation of two Chinese-version pain observation tools in conscious and unconscious critically ill patients.” Intensive Crit Care Nurs. 2018 Feb;44:115-122. (SCI)

9. Huang, H. R., Chen, C. W., Chen, C. M., Yang, H. L., Su, W. J., Wang, J. K., & **Tsay, P. K.** (2017). A positive perspective of knowledge, attitude, and practices for health-promoting behaviors of adolescents with congenital heart disease. *European Journal of Cardiovascular Nursing*. (SCI)(In press)
10. Hsieh, Y. C., Cheng, S. F., **Tsay, P. K.**, Su, W. J., Cho, Y. H., & Chen, C. W. (2017). Effectiveness of cognitive-behavioral strategies on pain and fear in school-aged children undergoing intravenous placement: A randomized clinical trial. *Asian Nurs Res (Korean Soc Nurs Sci)*. 2017 Dec;11(4):261-267. (SCI)
11. Yang HL, Liu FC, Tsai SC, **Tsay PK**, Lin HT, Liu HE.(2016): Ketorolac Tromethamine Spray Prevents Postendotracheal-Intubation-Induced Sore Throat after General Anesthesia. *Biomed Res Int*. 2016; (SCI)(In press)
12. Chang TY, Jaing TH, Wen YC, Huang IA, Chen SH, **Tsay PK**.(2016): Risk factor analysis of autoimmune hemolytic anemia after allogeneic hematopoietic stem cell transplantation in children. *Medicine (Baltimore)*. 2016 Nov; (SCI)(In press)
13. Wu CT, **Tsay PK**, Jaing TH, Chen SH, Tseng CK, Jung SM (2016): Oligodendrogliomas in Children: Clinical Experiences With 20 Patients. *J Pediatr Hematol Oncol*. 2016 Oct;38(7):555-8 (SCI)
14. Wan YL, **Tsay PK**, Chen CC, Juan YH, Huang YC, Chan WH, Wen MS, Hsieh IC.(2016): Coronary in-stent restenosis: predisposing clinical and stent-related factors, diagnostic performance and analyses of inaccuracies in 320-row computed tomography angiography. *Int J Cardiovasc Imaging*. 2016 June 32(1):105-115 (SCI)
15. Yu DY, Chen CH, **Tsay PK**, Leow AM, Pan CH, Chen CT.(2016) : Surgical Timing and Fracture Type on the Outcome of Diplopia After Orbital Fracture Repair. *Ann Plast Surg*.(SCI)(In press)
16. Jaing TH, Chen SH, Wen YC, Chang TY, Huang JL, **Tsay PK**.(2016): Assessment of platelet activation and immature platelet fraction as predictors of platelet engraftment after hematopoietic stem cell transplantation. *Cell Transplant*. 2016;25(7):1259-64 (SCI)
17. 劉梅英;劉雪娥;王宏銘;蔡培癸;簡淑慧;林怡欣(2015)安寧共同照顧模式對改善癌末主要照顧家屬照顧負荷之成效. 護理暨健康照護研究 11:4 頁 257-266
18. 邵上智,蔡明翰, **蔡培癸**,劉雪娥(2015):多媒體衛教光碟合併護理指導對於初次冠心病患者在疾病知識、態度及自我照顧行為之成效探討 護理暨健康照護研究 11:3 頁 175-186
19. Huang TT, Yang SD, Tsai YH, Chin YF, Wang BH, **Tsay PK**.(2015): Effectiveness of individualised intervention on older residents with constipation in nursing home: a randomised controlled trial. *J Clin Nurs*. 2015 Dec;24(23-24):3449-58) (SCI)
20. Tai DI, **Tsay PK**, Jeng WJ, Weng CC, Huang SF, Huang CH, Lin SM, Chiu CT, Chen WT, Wan YL.(2015): Differences in liver fibrosis between patients with chronic hepatitis B and C: evaluation by acoustic radiation force impulse measurements at 2 locations. *J Ultrasound Med*. 2015 May;34(5):813-21. (SCI)
21. Jaing TH, Hung IJ, Yang CP, Lai JY, Tseng CK, Chang TY, Hsueh C, **Tsay PK**.(2014): Malignant renal tumors in childhood: report of 54 cases treated at a single institution. *Pediatr Neonatol*. 2014 Jun;55(3):175-80. (SCI)
22. Liu YC, Sun Z, **Tsay PK**, Chan T, Hsieh IC, Chen CC, Wen MS, Wan YL(2013): Significance of coronary calcification for prediction of coronary artery disease and cardiac events based on 64-slice coronary computed tomography angiography. *Journal of the Biomed Res Int*. (SCI)

23. Hwang YS, Tsai HY, Chen CC, **Tsay PK**, Pan HB, Hsu GC, Lin JH, Chui CS, Wan YL, Liu HL.(2013): Effects of quality assurance regulatory enforcement on performance of mammography systems: evidence from large-scale surveys in taiwan. *AJR Am J Roentgenol*.201(2):307-12 (SCI)
24. 姜月桃;盧俊維;蘇文鈺;**蔡培癸**;王育琪;陳紀雯(2013) 先天性心臟病青少年自我調節運動方案之設計. *輔仁醫學期刊* 11:3 2013.09 頁225-236
25. 姜月桃,陳紀雯,**蔡培癸**,陳全美,唐秀治(2012):兒童生命末期症狀盛行率之文獻回顧. *榮總護理* 第二十九卷第四期 第374-381頁.
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30. Wang LH, Tsai YF, Chen JS, **Tsay PK**.(2011): Intention, needs, and expectations of cancer patients participating in clinical trials. *Cancer Nurs*. 2011 Mar-Apr;34(2):117-23. (SCI)
31. Lee HC, Tsai YF, Luo SF, **Tsay PK**(2010): Predictors of disability in Taiwanese patients with rheumatoid arthritis. *Journal of Clinical Nursing* Nov;19(21-22) (SCI)
32. Chen CT, Feng CH, **Tsay PK**, Lai JP, Chen YR(2011): Functional outcomes following surgical treatment of bilateral mandibular condylar fractures. *Int J Oral Maxillofac Surg*. 2011 Jan;40(1):38-44. (SCI)
33. Wu CY, Chuang LL, Lin KC, Chen HC, **Tsay PK**.(2011): Randomized trial of distributed constraint-induced therapy versus bilateral arm training for the rehabilitation of upper-limb motor control and function after stroke. *Neurorehabil Neural Repair*. 2011 Feb;25(2):130-9. (SCI)
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35. Ho WJ, Tsai WP, Yu KH, **Tsay PK**, Wang CL, Hsu TS, Kuo CT.(2010): Association between endothelial dysfunction and hyperuricaemia. *Rheumatology (Oxford)*. 2010 Oct;49(10):1929-34. (SCI)
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研討會論文

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2. 蔡培癸,羅俊光,張吳名任 (2000): 大台北地區危害物分佈調查暨健康風險評估。 職業衛生研討會。
3. 蔡培癸,黃集仁(2001): 比較唾液中酒精濃度測試及吐氣中酒精濃度測試的正確性及實用性。 南區統計研討會。
4. S.G. Tang, J.H. Hong, **P.K. Tsay,** C.S. Tsai, C.H. Chang (2003), “ The impact of spontaneous apoptosis on DNA ploidy, proliferative activity, status of human papillomavirus(HPV) and treatment outcome in cervical carcinoma.” The European Cancer Conference 21-25 September 2003. PP.57.
5. Theresa Y. Wang, MD, Chien-Tzung Chen, MD, **Pei-Kwei Tsay,** PhD, Faye Huang, MD, Yi-Chieh Chen, MD, Yu-Te Lin, MD, Han-Tsung Lian, MD, Chih-Hung Lin, MD, Yu-Ray Chen, MD (2007)” 33 Cases of Traumatic Superior Orbital Fissure Syndrome:Cranial Nerve Recovery and Outcomes” American Association of Plastic Surgeons May 20-21.
6. Kee-min YEOW, Yun-jen YEOW,Chian-chung CHANG,David Chwei-chin CHUANG,**Pei-kwei TSAY**(2010).”PRE-OPERATIVE MR IMAGING OF ADULT TRAUMATIC BRACHIAL PLEXUS INJURY.”International Federation of Societies for Surgery of the Hand. 31 October-4 November 2010
7. Liu , Hsueh-Erh; Wang, Hung-Ming;**Tsay,Pei-Kwei;** Liu,Mei Ying(2010) “The Influence of Hospice Shared Care onPatients' Symptom Control and Family Caregivers' Distress in Terminal Staging Cancer.” The First International Multidisciplinary Forum on Palliative Care.
8. 張杏莉 Hsing-Li Chang, 蔡培癸 Pei-Kwei Tsay(2014) “經介入性措施後改善癌症譫妄次 型態之探討 Study in improving cancer subtype of delirium after intervention measures” 台灣專科護理學會第三屆第 2 次會員代表大會.
9. 蔡培癸(2016) “An Improvement Program to IncreaseMother-infant 24-hour Rooming-in Rate” 第三屆兩岸四地護理高峰論壇及學術研討會.
10. Hsin-Hung Chen , Chun-Hao Pan , Aik-Ming Leow , **Pei-Kwei Tsay** , Chien-Tzung Chen 1(2017), Evolving concepts in the management of orbital fractures with enophthalmos: A retrospective comparative analysis. 106 年度台灣外科醫學會雜誌優秀論文國防醫學院
11. Cheng-Jen Chen ,**Pei-Kwei Tsay,**Tse-Hwa Hsu,Shiu-Feng Huang,Wan-Ting Yu,Chun-Yen Lin,Dar-In Tai(2017)” Correlation between Fibroscan and ARFI Two-Location Measurement with Metavir Liver Fibrosis Score” 16th World Federation for Ultrasound in Medicine and Biology Congress, October 13-

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12. Hsiao-Lin Wu, **Pei-Kwei Tsay** (2017) "Using Problem-Based Learning in the Clinical Setting to Improved New Graduate Nursing Students' Critical Thinking: An Meta-Analysis." 5th Annual Worldwide Nursing Conference (WNC 2017) , Jul 24, 2017 - Jul 25, 2017
13. 王穎筠, 蔡培癸, 陳美容 (2018) " Risk factor analysis of Imported Dengue cases of Taiwan Taoyuan International Airport." The 13TH International Symposium of Healthcare Information Management June 8, 2018- June 10, 2018 Taiwan.