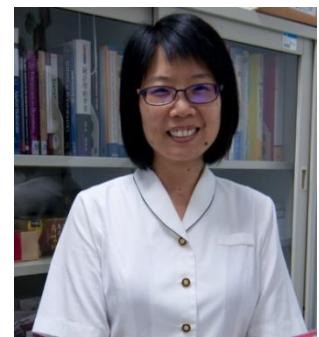# CURRICULUM VITAE

SHU-HUI WEN

Address   No.701, Zhongyang Rd., Sec. 3., HUALIEN 97004, TAIWAN

E-mail   shwen@mail.tcu.edu.tw; shwen@gms.tcu.edu.tw

Tel   886-3-8565301 Ext. 2282

Fax   886-3-8564041

Education

Ph.D., National Taiwan University, 2000-2004
> Major: Epidemiology (Biostatistics branch)
>
> Dissertation: Multiple Hypothesis Testing in Large-scale Association Studies

MA, National Cheng-Kung University, 1999-2000
> Major: Statistics

BSc, National Cheng-Kung University, 1994-1998
> Major: Mathematics

Professional experience

Years From-To	Organization	Position
2019.9-present	Institutional Research Center, Tzu-Chi University	Director
2018.8-2019.8	Department of Public Health, Tzu-Chi University	Chair
2017.2-present	Department of Public Health, Tzu-Chi University	Professor
2009.8-2017.2	Department of Public Health, Tzu-Chi University	Associate Professor
2005.8-2009.7	Department of Public Health, Tzu-Chi University	Assistant Professor
2004.8-2005.7	Department of Healthcare Management, Yuanpei University of Medical Technology	Assistant Professor

Academic service

Journals

Associate editor: Tzu Chi Medical Journal (since 2020), PLoS ONE (since 2022)

Reviewer for various journals including Tzu Chi Medical Journal, PLoS ONE, Taiwan Journal of Public Health, SOJ Nursing & Health Care, International Journal of Physical Sciences, Journal of Biopharmaceutical Statistics, Statistical Methodology, Clinical Interventions in Aging, Clinical Nutrition & Dietetics, Bone and Joint Disease, Medical Science Monitor, BMC Psychiatry, BMC psychology, Scientific Reports, Current Hypertension Reviews, International Journal of Environmental Research and Public Health, Journal of Clinical Medicine and Journal of Precision Medicine.

● **Refereed Journal Articles (*Corresponding author, +co-first author)**

Manuscript submission

1. 許繼澤、溫淑惠*(2023) 全人工膝關節置換術病人術前共病分群與術後感染之關聯，台灣衛誌 (revision)。台灣公共衛生學會第 34 屆研究生論文獎流病預醫與生物統計組第二名

After 2020

1. K.C. Chen, **S.H. Wen*** (2023) Impact of interhospital transfer on emergency department timeliness of care and in-hospital outcomes of adult non-trauma patients. *Heliyon (2023), doi: https://doi.org/10.1016/j.heliyon.2023.e13393.* (指導博士生論文)

2. T.Y. Hung, K.L. Liu, **S.H. Wen*** (2022) Using the Phecode system to identify the preoperative clinical phenotypes associated with surgical site infection in patients undergoing primary total knee arthroplasty: the sex differences. *Journal of Clinical Medicine* 2022, 11(19), 5784. (MOST 110-2314-B-320-002.) (指導碩士生論文)

3. S.H. Chou, **S.H. Wen,** H.C. Wu (2022) The relationship between child development and small for gestational age. *Tzu Chi Medical Journal 35(1):p 78-83.*

4. **S.H. Wen***(2022) Book Review: Using R for Biostatistics, by MacFarland TW., & Yates JM. (2021). Springer International Publishing. ISBN: 978-3-030-62403-3; ISBN 978-3-030-62404-0 (eBook), *Biometrics,* DOI:10.1111/biom.13638

5. C.L. Wu, CL Chen, **SH Wen*** (2021) Profile of the change in depression during proton-pump inhibitor therapy in patients with gastroesophageal reflux disease: Influence of the mucosal break. *International Journal of Environmental Research and Public Health*, 18(11), 5964. (指導博士生論文)

6. Y.C. Chang, W.H. Hsieh, S.F. Huang, H.Hsiao, Y.W. Wang, C.H. Chu, **S.H. Wen***. (2021) Sex-specific temporal trends in overweight and obese among school children from 2009 to 2018: An age period cohort analysis. *Frontiers in Pediatrics,* 9.

7. H.K. Chung, **S.H. Wen,** W.C. Chang, K.L. Liu* (2021) Acute surgical site infection after total knee arthroplasty in patients with rheumatoid arthritis versus osteoarthritis. *Scientific Reports* 11, 22704 (2021).

Year 2016-2020

8. C.L. Wu, W.Y. Lei, J.S. Wang, C.E. Lin, C.L. Chen, **S.H. Wen*** (2020) Acid suppressants use and the risk of dementia: a propensity score matched cohort study. *PLoS ONE* 15(11): e0242975. (指導博士生論文)

9. **S.H. Wen,** W.C. Chang, H.S. Shen, H.C. Wu* (2020) Prescription patterns and factors influencing the use of Chinese herbal medicine among pregnant women in Taiwan: a population-based retrospective study. *BMC Complementary and Alternative Medicine* 20, 240 (2020).

10. 柯絲珊、劉冠麟、鍾和肯、**溫淑惠*** (2019) 膝關節置換術前使用免疫抑制劑與感染的關係. 台灣衛誌 38(5): 551-561. (指導碩士生論文)

11. **S.H. Wen**, W.C. Chang, M.K. Hong, H.C. Wu * (2018) Concurrent Use of Chinese Herbal Products among Hormone Users and Its Association with Ischemic Stroke Risk: A Population-Based Study. *Journal of Ethnopharmacology* 216:274-282.(指導碩士生論文)

12. H.S. Shen, **S.H. Wen*** (2018) Effect of early use of Chinese herbal products on mortality rate in patients with lung cancer. *Journal of Ethnopharmacology* 211:1-8. (指導碩士生論文)

13. C.P. Ho, JY Yeh, **S.H. Wen,** Tony J.F. Lee* (2017) Associations among medication regimen complexity, medical specialty, and medication possession ratio in newly diagnosed hypertensive patients: A population-based study. *Medicine 96(45):e8497.(* SCI)

14. K.L. Liu, I.H. Chen, **S.H. Wen*** (2017) Low dose tranexamic acid reduces blood transfusion rate after total knee arthroplasty: A population-based study in Taiwan. *Journal of the Formosan Medical Association* 116(1):24–31 (指導博士生論文)

15. C.L. Wu, **S.H. Wen*** (2016) A 10-year follow-up study of the association between calcium channel blocker use and the risk of dementia in elderly hypertensive patients, *Medicine* 95:32 e4593 (指導碩士生論文)

16. Y.C. Sun, C.L. Chen, **S.H. Wen*** (2019) Taiwanese depression questionnaire revisit: Factor structure and measurement invariance across genders. *Journal of the Formosan Medical Association* 118(9):1356-1361.

17. W.Y. Lei, W.C. Chang, **S.H. Wen,** C.H. Yi, T.T. Liu, C.S. Hsu, J.S. Hung, Fabio P, C.L. Chen* (2019). Predicting Factors of Recurrence in Patients of Gastroesophageal Reflux Disease: A Prospective Follow-Up Analysis. *Therapeutic Advances in Gastroenterology,* 12, 1756284819864549.

18. W.Y. Lei, W.C. Chang, **S.H. Wen,** C.H. Yi, T.T. Liu, C.S. Hsu, J.S. Hung, Fabio P, C.L. Chen* (2019). Impact of concomitant dyspepsia and irritable bowel syndrome on symptom burden in patients with gastroesophageal reflux disease. *Journal of the Formosan Medical Association,* 118(4), 797-806.

19. Wei TY, Hsueh PH, **Wen SH,** Chen CL, Wang CC* (2019) The role of tea and coffee in the development of gastroesophageal reflux disease. *TZU CHI Medical Journal.* Tzu Chi Med J 2019;31:169-76

20. W.Y. Lei, W.C. Chang, M.W. Wong, J.S. Hung, **S.H. Wen**, C.H. Yi, T.T. Liu, J.H. Chen, C.S. Hsu, T.C. Hsieh, C.L. Chen* (2019) Sleep disturbance and its association with gastrointestinal symptoms/diseases and psychological comorbidity. *Digestion 99 (3), 205-212*

21. C.S. Hsu, **S.H. Wen**, J.S. Hung, T.T. Liu, C.H. Yi, W.Y. Lei, F Pace, C.L. Chen* (2017) Overlap of Dyspepsia in Patients with Gastroesophageal Reflux Disease: Impact of Clinical, Metabolic, and Psychosocial Characteristics. *Digestive Diseases and Sciences* 62:994–1001

22. W.Y. Lei, J.H. Wang, **S.H. Wen,** C.H. Yi, J.S. Hung, T.T. Liu, W.C. Orr, C.L. Chen* (2017) Risk of Acute Myocardial Infarction in Patients with Gastroesophageal Reflux Disease: A Nationwide Population-based Study. *PLoS ONE* 12(3): e0173899.

23. J.H. Chen, **S.H. Wen,** C.S. Hsu, C.H. Yi, T.T. Liu, C.L. Chen, C.C. Wang* (2017) Clinical characteristics and psychosocial impact of different reflux time in gastroesophageal reflux disease patients. *Journal of the Formosan Medical Association* 116:123-128

24. K. L. Liu, W.T. Wu, J.H. Wang, T.C. Yu, **S.H. Wen*, I.H. Chen*** (2016) When and how do prosthetic hips fail after total hip arthroplasties? – A retrospective study. *Journal of the Formosan Medical Association* 115:786-793.

Year 2011-2015

25. Hsu CS, Liu TT, **Wen SH,** Wang CC, Yi CH, Chen JH, Lei WY, Orr WC, Fabio P, Chen CL.* (2015) Clinical, Metabolic and Psychological Characteristics in Gastroesophageal Reflux Disease Patients overlap with Irritable Bowel Syndrome. *European Journal of Gastroenterology & Hepatology*. 27(5):516-22.

26. H.C. Wu, **S.H. Wen,** J.S. Hwang, S.C. Huang (2015) Validation of the traditional Chinese version of the Menopausal Rating Scale with WHOQOL-BREF. *Climacteric.* 2015 1:1-20. (SCI)

27. H.C. Wu, C.C. Hsu, B.H. Huang, **S.H. Wen*** (2015) Update of normative data for the Chinese Child Development Inventory for children over 3 years old. *TZU CHI Medical Journal*. 27(1), 25–34. (指導碩士生論文)

28. T.F. Wang, **S.H. Wen**, K.L. Yang, S.H. Yang, Y.F. Yang, C.Y. Chang, Y.F. Wu, S.H. Chen* (2014) Reasons for exclusion of 6820 umbilical cord blood donations in a public cord blood bank. *Transfusion*. DOI: 10.1111/trf.12269.

29. **S.H. Wen,** JY Yeh* (2014) Cohen's h as a measure of effect size for rare variants with application to WTCCC GWAS data. *BMC Genomics*, 15:875 doi:10.1186/1471-2164-15-875. [NSC 101-2118-M-320-001; NSC 102-2118-M-320-002]

30. **S.H. Wen**, M.Y. Tsai* (2014). Haplotype association analysis of combining unrelated case-control and triads with consideration of population stratification. *Frontiers in Genetics* 5:103. doi: 10.3389/fgene.2014.00103 [NSC 99-2118-M-320-001; NSC 100-2118-M-320-002)

31. W.Y. Lei[+], H.C. Yu[+], **S.H. Wen**, T.T. Liu, C.H. Yi, C.C. Wang, C.S. Hsu, C.H. Chen, C.L. Chen*, Pace Fabio. (2014) Predictive factors of silent reflux in subjects with erosive esophagitis. ***Digestive and Liver Disease** DOI: 10.1016/j.dld.2014.09.017*

32. Harnod, **S.H. Wen**, Y.L. Hsin, T. Harnod * (2014) The Association of Heart Rate Variability with Parkinsonian Motor Symptom Duration. *Yonsei Medical Journal* 55(5):1297-1302.

33. H.C. Wu , C.C. Hsu, V Chiu, Y.J. Yeh, **S.H. Wen*** (2013) Diagnostic validity of the Chinese Child Development Inventory in screening children with delay in development. *TZU CHI Medical Journal*, 25(4):228-232. (指導大學生專題論文)

34. **S.H. Wen**, W.L. Zhao, Lin, P.Y., K.L. Yang* (2012) Associations among birth weight, placental weight, gestational period and product quality indicators of umbilical cord blood units. *Transfusion and Apheresis Science,* 46:39-45. (指導碩士生論文)

35. T.S. Lin, L.K. Chen, T.Y. Lin, **S.H. Wen**, M.C. Chen, R.H. Jan* (2011) Autonomic Dysfunction Due to Severe Tetanus in an Unvaccinated Child. *Pediatrics and Neonatology,* 52, 169-171.

36. T. Harnod, **S.H. Wen**, S.Y. Chen* (2011) Different modes of clinical progress between Parkinsonian patients with and without subthalamic deep brain stimulation. *Formosan Journal of Surgery*, 44:11-17.

37. **S.H. Wen***, Z.S Lu (2011) Factors affecting the effective number of tests in genetic association studies: A comparative study of three PCA-based methods, *Journal of Human Genetics.* 56: 428-435. [97-2118-M-320-001-MY2] (指導碩士生論文)

Before 2010

38. M.J. Lai[+], **S.H. Wen**[+], Y.H. Lin, M.H. Shyr, P.Y. Lin, & K.L. Yang* (2010) Distributions of human leukocyte antigen–A,–B, and–DRB1 alleles and haplotypes based on 46,915 Taiwanese donors. *Human Immunology*, 71, 777-782. **(Co-first author;**指導碩士生論文)

39. Y.C. Wei, **S.H. Wen**, P.C. Chen, C.H. Wang, C.K. Hsiao[*] (2010) A Simple Bayesian Mixture Model with a Hybrid Procedure for Genome-wide Association Studies. *European Journal of Human Genetics*. 18(8), 942-947.

40. C.M. Mai, C.C. Wen, **S.H. Wen**, K.F. Hsu, C.C. Wu, S.W. Jao, C.W. Hsiao* (2010) Iatrogenic colonic perforation by colonoscopy: a fatal complication for patients with a high anesthetic risk. *International Journal of Colorectal Disease*, 25(4):449-454.

41. S.H. Yang, T.F. Wang, H.H. Tsai, T.Y. Lin, **S.H. Wen,** S.H. Chen (2010) Pre-harvest hematopoietic progenitor cell counts predict CD34+ cell yields in granulocyte colony-stimulating factor mobilized peripheral blood stem cell harvest in healthy donors, *Transfusion*. 50:1088-1095

42. C.C. Lin*, **S.H. Wen**, C.H. Chiu, I.H. Chen, T.C. Yu (2009) The Clinical Influence of Fluid Sign in Treated Bodies after Percutaneous Vertebroplasty. *Radiology*, 251(3):866-872.

43. S.H. Chen, C.J. Lu, **S.H Wen**, Y.J. Zheng, S.H. Yang, S.Y. Yeh, L.A. Ling, Y.C. Su, D.K. Li & M.H. Shyr* (2009) Is The Boost Dose of Granulocyte-Stimulating Factor Necessary in Healthy PBSC Donor in Secondary Apheresis? An Institute Experience. *Transfusion and Apheresis Science,* 40(2):87-90.

44. R.H. Jan, L.C. Yu, **S.H. Wen**, S.S. Tsai, T.Y. Lin* (2009) The Incidences of Alloantibodies among Eastern Taiwanese Transfused Patients. *TZU CHI Medical Journal,* 21(1):66-69.

45. C.C. Wen, **S.H. Wen**, T.Y. Lee, C.C. Wu, S.W. Jao, C.W. Hsiao* (2009) Experience in Iatrogenic Colonic Perforation Caused by Colonoscopy: A Review of 26,729 Colonoscopic Procedures. *J Soc Colon Rectal Surgeon (Taiwan)*, 20:32-38.

46. M.C. Ma*, **S.H. Wen,** (2009) Statistical Evaluation of the In Vitro Release Comparison Test for Semisolid Release Profiles. *Asia Pacific Management Review*, 14(4): 499-507. (TSSCI)

47. T.F Wang, **S.H Wen**, R.L Chen, C.J. Lu, Y.J. Zheng, S.H. Yang, S.C. Chu, R.H Kao, S.H Chen (2008) Factors Associated with Peripheral Blood Stem Cell Yield in Volunteer Donors Mobilized with Granulocyte Colony-Stimulating Factors: The Impact of Donor Characteristics and Procedural Settings. *Biology of Blood and Marrow Transplantation*, 14(11):1305-1311.

48. C.C. Lin*, P.S. Yen., **S.H. Wen** (2008) Fluid Sign in the Treated Bodies after Percutaneous Vertebroplasty. *Neuroradiology*, 50(11):955-961.

49. M.Y. Tsai, C.K. Hsiao & **S.H. Wen*** (2008) A Bayesian Spatial Multimarker Genetic Random-effect Model for Fine-scale Mapping. *Annals of Human Genetics*, 72:658-669.

50. **S.H. Wen**, M.J. Lai & K.L. Yang* (2008) Human Leukocyte Antigen-A, -B and -DRB1 Haplotypes of Cord Blood Units in the Tzu Chi Taiwan Cord Blood Bank. *Human Immunology*, 69:430-436

51. R.H. Jan, **S.H. Wen**, M.H. Shyr & B.L. Chiang* (2008) Impact of Maternal and Neonatal Factors on CD34+ Cell Count, Total Nucleated Cells and Volume of Cord Blood Units. *Pediatric Transplantation*, 12(8):868-873.

52. R.H. Jan, **S.H. Wen**, W.L. Shih, Y.H. Chang & S.H. Chen* (2007) Evaluation of Biological Features of Cord Blood Units in Different Taiwan Ethnics. *Acta Paediatrica Taiwanica,* 48(2):57-61.

53. R.H. Jan* & **S.H. Wen** (2007) The Relationship between Vegetarian Diets and the Prevalence of Asthma, Allergic Rhinitis and Atopic Eczema in Taiwanese School Children. *TZU CHI Medical Journal,* 19(2):60-65.

54. **S.H. Wen*** & C.K. Hsiao (2007) A Grid-search Algorithm for Optimal Allocation of Sample Size in

Two-stage Association Studies. *Journal of Human Genetics,* 52:650-658. [NSC 96-2118-M-320-001]

55. **S.H. Wen,** J.Y. Tzeng, J.T. Kao & C.K. Hsiao* (2006) A Two-stage Design for Multiple Testing in Large-scale Association Studies. *Journal of Human Genetics,* 51:523-532. [NSC 94-2118-M-264-001]

56. Y.F. Shih, C.K. Hsiao, **S.H. Wen**, L.L.K. Lin*, C.J. Chen & P.T. Hung (2005) Prevalence of Anisometropia in Taiwanese Schoolchildren. *Journal of the Formosan Medical Association*, 104(6):412-417.

B. Conference paper
International Conference

1. **S.H. Wen**, Wei-Chuan Chang, Hsien-Chang Wu* (2018) 'Lower Risk of Ischemic Stroke in Hormone Therapy Users with Use of Chinese Herbal Medicine', ***Poster Presentation*** at the ICPP 2018 :20th Int. Conf. on Pharmacoepidemiology and Pharmacovigilance, Mar 29-30, Osaka Japan.

2. 卓巧敏、陳宥蓉、張維娟、溫淑惠、陳健麟(2018) "氫離子幫浦阻斷劑治療胃食道逆流反應率之相關因素",10/13-10/14 海報發表於 2018 年公衛聯合年會,台灣公共衛生學會/中國醫藥大學

3. **S.H. Wen*** (2017) 'The effectiveness of antibiotic-loaded bone cement for preventing postoperative infection in patients undergoing total knee arthroplasty', ***Poster Presentation*** at the 8th Global Pharmacovigilance & Drug Safety Summit, July 6-7, Kuala Lumpur, Malaysia. (Joint work with K.L. Liu)

4. **S.H. Wen*** (2013) 'Evaluation on the effect size of rare variants based on genome-wide association studies in WTCCC data', ***Oral Presentation*** at the 59-th ISI World Statistics Congress, Aug 25-30, Hong-Kong, China.

5. **S.H. Wen*** (2010) 'A comparative study of PCA-based adjustment methods for correlated multiple testing in genetic association study', ***Oral Presentation*** at the first Joint Biostatistics Symposium, July 17-18, Beijing, China.

6. W.L. Zhao, **S.H. Wen*** (2009) 'An investigation of impacts of obstetric and neonatal factors on product quality indicators of umbilical cord blood units', **Poster Presentation** at the 41st APACPH Conference, Dec 4-6, Taipei, Taiwan.

7. Y.H. Lin, **S.H. Wen*** (2009) 'Estimations of allele and haplotype frequencies of the HLA-A, HLA-B, and HLA-DRB1 loci based on the marrow donors of BTCMDR', **Poster Presentation** at the 41st APACPH Conference, Dec 4-6, Taipei, Taiwan.

8. **S.H. Wen**, M.Y. Tsai, C.K. Hsiao (2008) 'A Bayesian spatial multimarker genetic random-effect model for fine-scale mapping" **Poster Presentation** at the 7th World Congress in Probability and Statistics, July 14-19, Singapore.

9. **S.H. Wen**, & C.K. Hsiao. (2007) 'Optimal Allocation of Sample Size in Two-stage Association Studies: A Grid-search Algorithm', **Poster presentation** at the 5th International Conference on Multiple Comparisons, July 8-11, Vienna, Austria.

10. **S.H. Wen**, C.K. Hsiao. (2004) 'A proposed two-stage method for multiple hypothesis testing', **Oral presentation** at 2004 Joint Statistical Meeting, August 8-12, Toronto, Canada. (*Proceedings of the American Statistical Association, [CD-ROM], 2090-2093*)

11. **<u>S.H. Wen</u>**, L.L.K. Lin, C. K. Hsiao, Y.F. Shih, & P.T. Hung. (2002) 'The prevalence of Anisometropia among schoolchildren in Taiwan', **Poster presentation** at the 9th International Conference on Myopia, November 10-14, Hong Kong

<u>Domestic Conference</u>

1. <u>溫淑惠 (2023)</u> A phenome-wide association study of postoperative infection in patients after total knee arthroplasty. 第 32 屆南區統計研討會暨 2023 中華機率統計學會年會及學術研討會，花蓮 (2023/6/29 邀請演講)

2. 陳珮瑜、<u>溫淑惠</u> (2011) 兩歲以下幼兒照顧者的兒童發展認知相關因素之探討。台灣公共衛生學會、台灣流行病學學會、台灣事故傷害預防與安全促進學會 2011 年聯合年會，臺北

3. <u>溫淑惠</u>、酈盈如 (2011) 不同族群對多重檢定之有效數估計之探討。台灣公共衛生學會、台灣流行病學學會、台灣事故傷害預防與安全促進學會 2011 年聯合年會，臺北

4. **<u>S.H. Wen (溫淑惠)</u>** (2007) 'Multiple testing in large-scale association study: optimal two-stage design and analysis', 2007 年遺傳流病分析工作坊，臺北(2007/7/17 邀請演講)

5. **<u>S.H. Wen (溫淑惠)</u>** (2007) 'Optimal allocation of sample size in two-stage association studies', 中華機率統計學會學術研討會暨 96 年度會員大會，臺北(2007/5/18 邀請演講)

6. <u>溫淑惠</u> (2004)「多重檢定問題之整體偽陽測度量比較研究」，2004 健康與管理學術研討會，新竹 [NSC 94-2118-M-264-001]

7. <u>溫淑惠</u> (2003)「單一核苷酸多型性(SNPs)之兩階段篩選法」，九十二年中國統計學社暨學術研討會，臺北

Research grants awarded　研究計畫

國科會計畫

編號	補助單位	計 畫 名 稱 (計畫編號)	計畫核定金額	起迄年月
1	科技部	利用監督式機器學習法預測全膝或髖關節置換術術後感染及全表現型體相關性研究驗證其因果關係 (MOST 110-2314-B-320-002)	879,000	8/2021-10/2022
2	科技部	評估傾向分數法推論罕見事件發生風險之表現 (MOST 105-2314-B-320-002)	510,000	8/2016-12/2017
3	國科會	罕見變異的疾病效應值評估與比較: 以 WTCCC 資料為例(NSC 102-2118-M-320 -001)	482,000	8/2013-7/2015
4	國科會	探討檢測 MAF 對遺傳相關性研究的影響:以 SNP 為例(NSC 101-2118-M-320 -001 -)	357,000	8/2012-7/2013
5	國科會	合併族群資料與家族資料提升遺傳相關性研究檢力之探討(2)(NSC 100-2118-M-320-002)	401,000	8/2011-7/2012
6	國科會	合併族群資料與家族資料提升遺傳相關性研究檢力之探討(NSC 99-2118-M-320-001)	384,000	8/2010-7/2011
7	國科會	大型連鎖不平衡基因資料的兩階段最佳多重檢定方法與比較(NSC 97-2118-M-320-001-MY2)	760,000	8/2008-7/2010
8	國科會	相依性資料之兩階段最佳多重檢定程序(NSC 96-2118-M-320-001)	286,000	8/2007-7/2008
9	國科會	探討五種多重檢定之整體型一誤測度量之統計性質(NSC 94-2118-M-264-001)	158,700	1/2004-7/2005

其他單位

編號	補助單位	計 畫 名 稱 (計畫編號)	計畫核定金額	起迄年月
1	慈濟醫療志業	探討影響台灣老年人消化系統疾病臨床預後之相關因素: 三年期追蹤研究(TCMMP104-02-03)	3,000,000	8/2015-12/2018
2	慈濟大學	藥物流行病學估計罕見副作用風險之研究 (TCRPP106002)	200,000	8/2017-7/2018
3	慈濟大學	利用全民健康保險研究資料庫探討關節置換術病患之分析研究(TCRPP101012)	100,000	8/2012-7/2013
4	慈濟大學	應用統計方法探討醫療品質測量項目之相對重要性(TCMRC $160,000)	160,000	1/2006-12/2006

Supervision of students

● 指導大學生-公衛專題

編號	年度	姓名	中文畢業論文名稱	專題發表成果
1	96 (PH95)	林彥伶、王儒傑、林若君、胡子宇、邱詩詒	HLA-A，HLA-B 及 HLA-DR 血清型資料分析：以骨髓資料為例	
2	97 (PH96)	林詩桓、陳融嬋	素食與兒童過敏性疾病之關聯	
3	98 (PH97)	李佑軒、韋逸翔、劉子軒	全基因組相關性研究 SNP 標誌基因資料分析	
4	100 (PH97)	葉俞均	CCDI 評估語言發展遲緩兒童之效度	口頭第三名
5	101 (PH98)	張維娟、吳宗翰、陳芷萱	關節置換術病人特性及再置換原因分析：以花蓮某醫學中心為例	口頭佳作
6	102 (PH99)	吳岱倫、吳弘翊	Effects of IVPCA, FNB & Dynastat on Pain Management	口頭佳作
7	102 (PH99)	蔡佳茵、王怡雯	人工關節使用年限之影響因素	口頭第三名
8	103 (PH100)	黃靖雅、郭芷彤	全髖關節再置換術人口學相關因子探討	海報佳作
9	103 (PH100)	蔡佳珊、陳宥蓉	創傷性腦傷病人職能治療之成效研究報告	口頭第三名
10	104 (PH101)	陳鈺棠、柯絲珊	台灣人憂鬱症量表與特質焦慮量表之信度分析	口頭第三名
11	104 (PH101)	鍾家渝、陳冠均	胖的人真的比較快樂嗎?	海報第一名
12	105 (PH102)	卓巧敏、張育菱、鄭宇蘋	胃食道逆流症類型與肥胖、焦慮與憂鬱之相關	海報第一名
13	106 (PH103)	顧芳萍、廖襄毓	初次全人工膝關節置換術中使用多種抗生素骨水泥與術後感染的關係	口頭第一名
14	107 (PH104)	洪庭郁、吳思慧	3 歲以下兒童氣質之性別差異探討	口頭佳作
15	107 (PH104)	陶伊寧	寧波地區社區民眾骨質疏鬆症之相關因素分析	口頭第一名
16	108 (PH105)	翁易萱	監督式機器學習法與邏輯斯迴歸的預測分類效果初探	海報第一名
17	109 (PH106)	陳祥豪	探討兒童肥胖變化趨勢:六年期世代研究	海報第三名
18	109 (PH106)	許繼澤、楊婷惠	使用身體質量指數與重高指數評估兒童肥胖之比較研究	口頭佳作
19	111 (PH108)	林志柔、謝沁妤、高弘道	糖尿病與全人工膝關節置換術術後感染之相關性研究	口頭佳作

● 指導研究生-碩士班 (Master students)

編號	畢業年度	姓名	中文畢業論文名稱	英文畢業論文名稱	期刊論文發表
1	95	陳香吟	問卷整體指標之統計性質探討：以醫療品質測量為例	Statistical properties of questionnaire summary scores: using healthcare quality survey for illustration.	否
2	98	林雅惠	HLA-A、-B、-DRB1 對偶基因與單套型頻率估計：以慈濟骨髓幹細胞中心資料為例	Estimations of allele and haplotype frequencies of the HLA-A, HLA-B, and HLA-DRB1 loci based on the marrow donors of TCTMDR.	是
3	98	鄒宛玲	影響臍帶血生物特性之相關因素探討	The investigation of affecting factors on the biological features of the umbilical cord blood units.	是
4	99	盧志昇	以 PCA 為基礎之相關性多重檢定校正公式之比較：以遺傳相關性研究為例	A comparative study of PCA-based adjustment methods for correlated multiple testing in genetic association study.	是
5	100	陳珮瑜	幼兒照顧者的兒童發展認知相關因素之探討	Factors affecting caregivers' knowledge on child development	否
6	100	酈盈如	相關性多重檢定有效數之估計	The impact of population samples in the estimation for calculating the effective number	否
7	101	李佑軒	遺傳相關性研究之罕見變異的疾病效應值估計與比較	Estimation and comparison of disease effect size for rare variants in genetic association studies	是
8	101	黃彬涵	學齡前兒童行為發展量表常模之更新:以新店及雙和地區3-6歲幼稚園學童為例	Updating the Norm of Chinese Child Developmental Inventory (CCDI) :an illustration using kindergarten children age 3 to 6 years old from Xindian, Zhonghe and Yonghe areas.	是
9	102	蔡宜潔	學齡前兒童之先天氣質與發展能力之相關因素探討	Associated factors with child temperament and child development using a sample of preschool children	否
10	103	林家偉	脊椎壓迫性骨折病人進行經皮椎體整形術術後發生血管疾病之追蹤研究	A follow-up study of vascular disease after Percutaneous Vertebroplasty for patients with vertebral compression fractures	否
11	103	葉俞均	應用全民健保資料庫探討全人工髖或膝關節置換術與血管疾病之關係	The relationship between total hip or knee arthroplasty and vascular diseases based on national health insurance research database	否
12	103	吳家樑	老年高血壓患者服用抗高血壓藥物與阿茲海默症風險之追蹤研究	A follow-up study of risk of Alzheimer's disease for hypertensive population with antihypertensive medications	是
13	104	張維娟	更年期婦女的中藥利用與血管疾病之關係	The association of Chinese herbal medications and vascular-related diseases among menopausal women	是
14	104	余靜美	台灣東部地區定期捐血者之特性分析	Characterization of regular blood donors in Eastern Taiwan	否

編號	畢業年度	姓名	中文畢業論文名稱	英文畢業論文名稱	期刊論文發表
15	105	沈炫樞	肺癌患者合併使用中藥治療之利用率與療效分析	Utilization pattern and efficacy of Chinese herbal products among patients with lung cancer	是
16	105	吳岱倫	評估妊娠婦女使用安胎中西藥物之生產結果	Evaluation of tocolytic treatment and Chinese herbal products use on perinatal outcomes of pregnant women	是
17	106	徐慕容	低出生體重與學齡前兒童發展之關聯	Child development in preschool children for low birth weight infants	投稿中
18	106	陳宥蓉	胃食道逆流患者藥物治療反應率之相關因素探討	Relevant factors of response rate of drug treatment in patients with gastroesophageal reflux	2018 年公衛學會年會壁報
19	107	柯絲珊	類風濕性關節炎患者在全人工膝關節置換術前使用免疫抑制劑與感染的關係	Association between immunosuppressive medications and post-operative infection following total knee arthroplasties in patients with rheumatoid arthritis	是
20	108	卓巧敏	胃食道逆流症患者長期使用氫離子幫浦抑制劑之相關因素探討	Factors Associated with Long-term Proton Pump Inhibitors Use in Patients with Gastroesophageal Reflux Disease	否
21	109	廖襄毓	兒童過重及肥胖趨勢：年齡、時期及世代分析	Overweight and obesity trends in children: an age-period-cohort analysis	是
22	110	莊立良	透過監督性機器學習法預測加護病房患者的死亡率	The use of supervised machine learning approaches to predict mortality of intensive care units patients	否
23	110	洪庭郁	利用機器學習法與表現碼建立全人工膝關節置換術術後感染之預測模型	Using machine learning approach and phecode to predict postoperative infection in patients undergoing total knee arthroplasty	是
24	110	吳思慧	糖尿病人使用降尿酸藥物 allopurinol 與洗腎之相關性	Relation between allopurinol and risk of dialysis in diabetic patients	否
25	111	翁易萱	以全表現型體關聯性研究探索共病與術後感染之關係	Use of phenome-wide association study to examine the relationship between comorbidities and post-operative infection	**On-going**
26	112	許繼澤	全人工膝或髖關節置換術病人術前共病分群與術後感染之關聯	The association between clusters of preoperative comorbidities and surgical site infection after total knee or hip arthroplasty	**On-going**
27	113	高弘道	待定		

● 指導研究生-外籍生 (International students)

No	Year	Name	Thesis title
1	2019	Anggi Osyka	The Change in Depression Level and Sleep Quality in GERD Patients During PPI Medication
2	2023	Beatrice Chakanika	Association of comorbidities on the covid-19 infection: a community-based cross-sectional study in the Dominican Republic

● 指導研究生-醫學科學研究所博士班 (PhD Students)

編號	畢業年度	姓名	中文畢業論文名稱	英文畢業論文名稱
1	105	劉冠麟	全人工膝關節置換術使用氨甲環酸與抗生素骨水泥之療效與安全性評估	Effectiveness and Safety of Use of Tranexamic Acid and Antibiotic-Loaded Bone Cement in Patients Undergoing Total Knee Arthroplasties
2	110	吳家樑	探討氫離子幫浦阻斷劑治療與憂鬱及失智症之相關性	Association between the use of proton pump inhibitors and depression and dementia
3	在學中	于載久	待定	
4	在學中	陳坤詮	待定	
5	在學中	陳珮瑜	待定	