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8. 研究領域: 生物統計學, 存活分析, 長期縱向資料分析, 癌症流行病學

9. 工作經歷:

1997-1998 台北榮民總醫院教學研究部 博士後研究

1998-2005 長庚大學醫學院公衛科 專任助理教授

2005-2010 長庚大學醫學院公衛科 專任副教授

2010-迄今 長庚大學醫學院公衛科 專任教授

10. 學歷:

美國 約翰霍布金斯大學 (The Johns Hopkins University) 生物統計學博士

11. 代表論文 (SCI):

1. Feng-Che Kuan, Kuan-Der Lee, Shiang-Fu Huang, Ping-Tsung Chen, Cih-En Huang, Ting-Yao Wang and **Min-Chi Chen*** (2020): Radiotherapy is associated with an accelerated risk of ischemic stroke in oral cavity cancer survivors after primary surgery. *Cancers* 12, 616; doi: 10.3390/cancers12030616

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4. Kuan-Der Lee, Ting-Yao Wang, Chang-Hsien Lu, Cih-En Huang and **Min-Chi Chen*** (2017): The bidirectional association between oral cancer and esophageal cancer: A population-based study in Taiwan over a 28-year period. *Oncotarget* May 11, DOI:10.18632/oncotarget.17818
5. Kuan-Der Lee, Chao-Yu Chen, Huei-Jean Huang, Ting-Yao Wang, David Teng, Shih-Hao Huang, Chyong-Huey Lai* and **Min-Chi Chen*** (2015): Increased risk of second primary malignancies following uterine cancer: a population-based study in Taiwan over a 30 year period. *BMC Cancer* 2015, 15:393
6. Chang-Hsien Lu, Kuan-Der Lee, Ping-Tseng Chen, Chih-Cheng Chen, Feng-Che Kuan, Cih-En Huang, Miao-Fen Chen and **Min-Chi Chen*** (2013). Second primary malignancies following thyroid cancer: a population-based study in Taiwan. *European Journal of Endocrinology*, 169, 577-585
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8. **Min-Chi Chen**, Ping-Tsung Chen, Chunghuang Hubert Chan, , Cheng-Ta Yang, Chih-Cheng Chen, Cih-En Huang, Chang-Hsien Lu and Kuan-Der Lee* (2011): Second primary esophageal or lung cancer in patients with head and neck carcinoma in Taiwan: incidence and risk in relation to primary index tumor site. *Journal of Cancer Research and Clinical Oncology* 137(1): 115-123 (Jan) (2.261, 89/166)
9. Ping-Tsung Chen, Feng-Che Kuan, Cih-En Huang, Miao-Fen Chen, Shih-How Huang, **Min-Chi Chen*** and Kuan-Der Lee* (2011): Incidence and Patterns of Second Primary Malignancies Following Oral Cavity Cancers in a Prevalent Area of Betel-nut Chewing: a Population-based Cohort of 26,166 Patients in Taiwan. *Japanese Journal of Clinical Oncology* 41(12):1336-1343
10. **Min-Chi Chen**, Wei-Chao Huang, Chunghuang Hubert Chan, Ping-Tsung Chen and Kuan-Der Lee* (2010): Impact of second primary esophageal or lung cancer on survival of patients with head and neck cancer. *Oral Oncology* 46:249-254 (SCI)

11. Kuan-Der Lee, Chang-Hsien Lu, Ping-Tsung Chen, Chunghuang Hubert Chan, Jen-Tsun Lin, Cih-En Huang, Chih-Cheng Chen and **Min-Chi Chen*** (2009): The incidence and risk of developing a second primary esophageal cancer in patients with oral and pharyngeal carcinoma: a population-based study in Taiwan over a 25 year period. *BMC Cancer* 9:373
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3. Tran Duy Thuy Duong, **Min-Chi Chen**, Ellen Wen-Ching Ko, Yu-Ray Chen, Chiung Shing Huang (2019): Does sleep quality affect temporomandibular joint with degenerative joint changes? *Journal of Oral and Maxillofacial Surgery* doi: 10.1016/j.joms.2019.02.031
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12. 研究計畫

擔任計畫主持人：

1. 國科會計畫主持人(88/08/01-89/07/31) “對於雙存活時間模型的相關分配之診斷”。計畫編號: NSC 89-2118-M-182-002。
2. 國科會計畫主持人(89/08/01-90/07/31) “雙存活時間模型的相關分配之選擇與應用”。計畫編號: NSC 89-2118-M-182-004
3. 國科會計畫主持人(90/08/01-91/07/31) “對雙存活時間相關分配的適合性檢定(加馬分配與正穩定分配)” (“Test of association in bivariate survival data: gamma vs. positive stable”)。計畫編號: NSC 90-2118-M-182-002
4. 國科會計畫主持人(91/08/01-92/07/31) “第三型脊髓小腦退化症病人之家族資料分析—採用多重相關性的存活模型及其他家族相關性的模型” (“Statistical models in familiar Machado-Joseph disease: modelling age-onset associations with multiple levels of clustering and other correlations”)。計畫編號: NSC 91-2118-M-182-002
5. 國科會計畫主持人(92/08/01-93/07/31) “多層級相關存活時間模型—於第三型脊髓小腦退化症病人之家族發病年齡的應用” (“A hierarchical failure-time model for age at onset in MJD families”)。計畫編號: NSC 92-2118-M-182-002
6. 國科會計畫主持人(93/08/01-94/07/31) “Power Variance Function 分佈的探討與家族發病年齡的應用，並與其他存活時間模型的比較” (“Using the power variance function family to measure the similarity of paired onset ages and comparing with other bivariate survival models”)。計畫編號: NSC 93-2118-M-182-001
7. 國科會計畫主持人(94/08/01-95/07/31) “雙發性腫瘤之發病年齡分析—以台灣的癌症資料為例” (A population-based bivariate onset age model for the patients with double tumors in Taiwan)。計畫編號: NSC 94-2118-M-182-001
8. 國科會計畫主持人(95/08/01-96/07/31) “發展雙發性腫瘤之發病時間之統計模型以探討成人第二腫瘤之危險因子：台灣健保資料庫的應用與分析” (“Bivariate failure time model in the analysis of risks of second primary malignancies (SPM) in Adults: A population-based survey in Taiwan”)。計畫編號: NSC 95-2118-M-182-001
9. 國科會計畫主持人(96/08/01-97/07/31) “台灣雙發性腫瘤之發生率分析與統計估計模式的建立--分析與比較健保資料庫與癌症登記資料庫” (“Establishment of bivariate failure time model and analysis of incidence for patients with dual cancers in Taiwan – analysis and comparisons for NHIRD and CRS databases”)。計畫編號: NSC 96-2118-M-182-001
10. 國科會計畫主持人(97/08/01-98/07/31) “雙發性腫瘤之發生率與存活分析，

及建立雙發病年齡的統計模式—利用台灣的癌症資料庫”(“The analysis of incidence, risk and survival, and the establishment of bivariate model in patients with dual cancers – using cancer database in Taiwan”)。計畫編號: NSC 97-2118-M-182-001

11. 國科會計畫主持人 (98/08/01-100/07/31) “利用全國性資料庫分析研究台灣地區六大常見癌症發生續發性腫瘤之發生率, 風險及存活率”(“The analysis of incidence, risk and survivorship of second primary malignancies in patients with six most common cancers in Taiwan – a national population-based study”)。計畫編號: NSC 98-2314-B-182-029-MY2
12. 國科會計畫主持人 (98/08/01-100/07/31) “利用全國性資料庫分析研究台灣地區六大常見癌症發生續發性腫瘤之發生率, 風險及存活率”(“The analysis of incidence, risk and survivorship of second primary malignancies in patients with six most common cancers in Taiwan – a national population-based study”)。計畫編號: NSC 98-2314-B-182-029-MY2
13. 國科會計畫主持人 (102/08/01-104/07/31) “子宮體癌與其它婦科腫瘤之間的雙向關係研究。計畫編號: 102-2314-B-182-062-MY2
14. 長庚醫院院內計畫主持人 (102/04/1-105/03/31) “建立台灣地區續發性腫瘤完整的資料庫”。計畫編號: CMRPD1C0051-53
15. 長庚醫院院內計畫主持人 (105/06/1-108/05/31) “台灣常見的癌症存活者罹患生理與心理疾病的風險研究”。計畫編號: CMRPD1F0341-43
16. 長庚醫院院內計畫主持人 (108/07/1-110/06/30) “探討癌症存活者罹患早發性心血管疾病之風險”。計畫編號: CMRPD1J0101-02

擔任計畫共同/協同主持人

1. 國科會計畫協同主持人(88/08/01-89/07/31) “動態性顯影螺旋電腦斷層造影對單一性肺部結節之評估”。計畫編號: NSC 89-2118-M-182-002。
2. 國科會計畫協同主持人(89/08/01-90/07/31) “磁共振造影對小兒心臟外胸部血管異常之評估:比較自旋回波,快速梯度回波 K-空間分節擷訊波序及 3 度空間顯影磁共振血管三種方法”。計畫編號: NSC 89-2314-B-182A-114-MO8。
3. 國科會計畫協同主持人(91/08/01-92/07/31) “心跳速率對主動脈之動作假影在 0.5 秒掃描多列探頭螺旋電腦斷層之影響”。計畫編號: NSC 91-2314-B-182A-171。
4. 國家衛生研究院計畫共同主持人(91/01/01-93/12/31) “台灣地區家族性帕金森症的遺傳分析與多巴胺轉體機能的研究”。計畫編號: HMRPG1004
5. 國科會計畫共同主持人(92/08/01-93/07/31) “探討以低速注射低計量顯影計螺旋多列探頭電腦斷層血管造影對血液透析動靜脈管之評估及臨床應用”。計畫編號: NSC 92-2314-B-182A-075。

6. 國科會計畫共同主持人(93/08/01-94/07/31) “動態磷-31 磁振頻譜應用於無重肌力症病人在胸線切除前及術後肌肉生理變化之評估(1/2)”。計畫編號: NSC 93-2314-B-182A-085。
7. 國科會計畫共同主持人(94/08/01-95/07/31) “動態磷-31 磁振頻譜應用於無重肌力症病人在胸線切除前及術後肌肉生理變化之評估(2/2)”。計畫編號: NSC 93-2314-B-182A-010。
8. 國科會計畫共同主持人(95/08/01-97/07/31) “以 64-多切面心臟電腦斷層評估小兒心房中隔缺損之型態學及置入中隔組斷器後之動態分析並其與心臟傷害指標之相關研究”。計畫編號: NSC 95-2314-B-182A-133。
9. 國科會計畫共同主持人(96/08/01-98/07/31) “細菌生物薄膜之免疫反應是造成 polypropylene 植入陰道後產生糜爛的原因?-超顯微結構,免疫化學與為生物學的研究”。計畫編號: NSC 96-2314-B-182-015-MY2
10. 國科會計畫共同主持人(97/08/01-98/07/31) “高齡化與少子化福利國家與照顧政策: 家庭照顧者就業與照顧工作共榮與永續發展-失能老人家庭照顧者就業與照顧工作共容?”。計畫編號: NSC 97-2621-M-182-001
11. 國科會計畫共同主持人(97/08/01-100/07/31) “居家運動計畫對乳癌婦女睡眠困擾及相關症狀之成效”。計畫編號: NSC 97-2314-B-182-035-MY3
12. 國科會計畫共同主持人(97/08/01-100/07/31) “心肌內自體骨髓衍生間質幹細胞移植在急性心肌梗塞後的迷你豬於磁振造影之灌流,功能及磷-31 磁振頻譜中能量代謝之變化”。計畫編號: (97-2314-B-182A-099-MY3)