

Curriculum Vitae

基本資料: Yun-Hsuan Chang (張芸瑄)

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✧ **Current position:**

- ◆ Associate Professor, Institute of Genomics and Bioinformatics, National Chung Hsing University (Aug/2021~)

✧ **Academic experiences**

- ◆ Associate Professor, Department of Psychology, Asia University (Aug/2018~July/2021)
- ◆ Adjunct Assistant Professor, Department of Psychiatry, National Cheng Kung University (Aug./2015~July/2018)
- ◆ Consultant, Department of Medical Research, China Medical University Hospital, China Medical University (July/2016~)
- ◆ Assistant Professor, Department of Psychology, Asia University (Feb./2015~July/2018)
- ◆ Postdoc. in Department of Psychiatry, National Cheng Kung University (Feb./2014-Feb./2015)
- ◆ Assistant Professor, Center of General Education, National Kaohsiung Marine University (Feb./2014-Feb./2015)
- ◆ Lecturer, Center of General Education, National Kaohsiung Marine University (Sept./2012-Jan./2014)
- ◆ Lecturer, Department of Educational Psychology and Counseling, National Pingtung University, (Feb./2011-June/2011)
- ◆ Executive secretary of Chinese Journal of Psychology (2013-2015)

✧ **Education**

- ◆ PhD, Division of Clinical Psychology, Institute of Allied Health Sciences, College of Medicine, National Cheng Kung University (Sep/2008-Jun/2013)
- ◆ MPhil, School of Psychology and Clinical Language Sciences, The University of Reading (Oct/2003-Feb/2007)
- ◆ BSc, Department of Psychology, National Chung Cheng University (Sep/1999-Jun/2002)

✧ **Internship of clinical psychologists**

- ◆ Department of Psychiatry, National Cheng Kung University Hospital
- ◆ Department of Rehabilitation, National Cheng Kung University Hospital

✧ **Memberships**

- ◆ American Psychology Association
- ◆ Taiwanese Psychology Association
- ◆ International Neuropsychology Society (INS)
- ◆ Taiwan Association of Clinical Psychology

- ◆ The International Society for Biomedical Research on Alcoholism (ISBRA)
- ◆ Asia-Pacific Society for Alcohol and Addiction Research (APSAAR)
- ◆ The International College of Neuropsychopharmacology (CINP)
- ◆ European College of Neuropsychopharmacology (ECNP)
- ◆ Association for Taiwan Play Therapy
- ◆ Taiwan Mindfulness Association

◇ **Research Interest:**

Clinical psychology, Psychological assessment, Personality assessment, Mood disorders, Addiction behavior, Cognitive neuropsychology, Brain imaging, Geriatric psychology

◇ **Certification:**

- ◆ Clinical psychologist: 心理字第 001543 號 (衛福部)
- ◆ 助理教授: 助理字第 140924 號 (教育部)
- ◆ 副教授: 副字第 145658 號 (教育部)

◇ **Award :**

- ◆ 110 年度優聘教師
- ◆ 109 年度台中市優良教師獎
- ◆ 109 年度吳大猷先生紀念獎
- ◆ 2030 跨世代年輕學者方案(優秀年輕學者)計畫獎助
- ◆ 109 年度傑出教學獎
- ◆ 107-109 年度科技部獎勵大專研究
- ◆ Young scholar travel award, 5th Asia-Pacific Society for Alcohol and Addiction Research, 2017, 31 May-2 June, Taipei, Taiwan
- ◆ 亞洲大學 2016 年度學習社群成果競賽佳作
- ◆ Young scholar travel award, 10th World Congress of Biological Psychiatry. 2011, 29 May-2 June, Prague, Czch Republic

◇ **Publications**

(a) Journals

1. Lane, H-Y, Chang, C-J, Huang, C-L., **Chang Y-H*** (2021). An investigation into smartphone addiction with personality and sleep quality among university students. *International Journal of Environmental Research and Pubic Health*, 2021: 18, 7588. (SSCI, IF=3.39, Q1, 41/176=23.3%, Public, Environmental & Occupational Health)
2. Kuo SY, **Chang Y-H***, Wang TY, Tseng HH, Huang CC, Chen PS*, Lane HY, Yang YK, Lu, RB. (2021). Impairment in Emotional Intelligence May Be Mood-Dependent in Bipolar I and Bipolar II Disorders. *Frontiers in Psychiatry*, 12 (134): 597461. (SSCI, SCI, IF=3.532, Psychiatry, Q2, 41/141=29.1%).
3. **Chang Y-H**, Chang, K.-C., Hou, W.-L., Lin, C.-Y., & Griffiths, M. D. (2021). Internet

- gaming as a coping method among schizophrenic patients facing psychological distress. *Journal of Behavioral Addictions*, 9(4): 1022-1031. (SSCI, SCI, IF=5.143, Psychiatry: Q1, 22/144=14.29%)
4. Liu, YC, Tseng, HH, **Chang Y-H**, Chang, HH, Yang, YK, Chen, PS. (2021). The social cognitive ability in Han Chinese euthymic patients with bipolar I and bipolar II disorder. *Journal of the Formosan Medical Association*, 120(5):1221-1228. (SCI, IF=3.008, Medicine, General & Internal: Q1, 42/165=25.5%)
 5. Huang CC, **Chang Y-H***, Wang TY, Lee SY, Chen SL, Chen PS, Lane, HY, Yang, YK, Lu, RB. (2020). Effects of mood episodes and comorbid anxiety on neuropsychological impairment in patients with bipolar spectrum disorder. *Brain and Behavior*, 10(11): e01813 (SCI, IF=2.091, Behavioral Sciences: Q3, 34/52=65%; Neurosciences: Q4, 212/271=78.2%)
 6. 蘇建安、**張芸瑄**、蘇文碩。羅夏克墨跡測驗的過去、現在與未來。應用心理研究(付梓中)(同儕匿名審查期刊)
 7. 蕭銘毅、李承運、黃湘雄、黃裕達、江信男、**張芸瑄***。網路使用與年長者之憂鬱及幸福感之相關性探討—以中部社區據點為例。醫學與健康期刊, 第九卷, 第二期, 73-83頁(同儕匿名審查期刊)
 8. Lee P-W, Wang T-Y, **Chang Y-H**, Lee SY, Chen SL, Wang ZC, Chen PS, Chu CH, Haung SY, Tzeng NS, Lee IH, Chen KC, Yang YK, Hong JS, Lu R-B. (2020). ALDH2 Gene: Its Effects on the Neuropsychological Functions in Patients with Opioid Use Disorder Undergoing Methadone Maintenance Treatment. *Clinical psychopharmacology and neuroscience*. 18(1):136-144. (SCI, IF=2.47, Neuroscience: Q3, 177/267=66.29%; Pharmacology & Pharmacy: Q3, 139/267=52.06%)
 9. Lu RB, **Chang YH**, Lee SY, Wang TY, Chen SL, Chen PS, Yang YK, Hong JS, Chen SL. (2020). Dextromethorphan Protect the Valproic Acid Induced Downregulation of Neutrophils in Patients with Bipolar Disorder. *Clinical psychopharmacology and neuroscience*. 18(1):145-152. (SCI, IF=2.47, Neuroscience: Q3, 177/267=66.29%; Pharmacology & Pharmacy: Q3, 139/267=52.06%)
 10. **Chang, Y-H***, Lee, YT; Hsieh, S.L. (2019). Internet Interpersonal Connection Mediates the Association between Personality and Internet Addiction. *International Journal of Environmental Research and Public Health*, 16: 3537. (SSCI, IF=2.468, Q1, 38/162=21%, Public, Environmental & Occupational Health)
 11. Lu RB., Wang, T-Y*, Lee, S-Y, Chen, S-L., **Chang, Y-H**, Chen, PS., Lin, SH., Chu, CH., Huang, SY., Tzeng, NS., Lee, IH., Chen, KC., Yang, YK., Chen P., Chen, SH., Hong, J-S. (2019). Correlation between interleukin-6 levels and methadone maintenance therapy outcomes. *Drug and Alcohol Dependence*, 204: 107516. (SCI, IF=3.466, Substance Abuse: Q1, 5/35=14.29%, Psychiatry: Q1, 33/142=23.2%)
 12. **Chang, Y-H***, Wang, TY., Lee, SY., Chen, SL., Huang, CC., Chen, PS., Yang, YK., Hong, JS., Lu RB*. (2018). Memory Impairment and Plasma BDNF Correlates of the BDNF

- Val66Met Polymorphism in Patients with Bipolar II Disorder. *Frontiers in Genetics*, 9:article 583. (SCI, IF=4.151, Genetics & Heredity: Q1, 73/177=41.24%)
13. Lee, SY., Wang, TY., Chen, SL., **Chang Y-H**, Chen PS, Huang, SY., Tzeng, NS., Wang, LJ., Lee, H., Chen, KC., Yang, YK., Hong, JS., Lu, RB. (2018). Add-on Memantine Treatment for Bipolar II Disorder Comorbid with Alcohol Dependence: A 12-Week Follow-Up Study. *Alcoholism: Clinical and Experimental Research*, 42(6):1044-1050. (SCI, IF=2.716, Q2, Substance Abuse)
 14. Lu, RB., **Chang Y-H*(Co first author)**., Wang, TY., Lee, SY., Chen, PS., Yang, YK. (2018). The aldehyde dehydrogenase 2 polymorphisms on neuropsychological performance in bipolar II disorder with or without comorbid anxiety disorder. *PLoS One*, 13 (2): e0192229 (SCI , IF=2.766 , Multidisciplinary Sciences: 15/64 (23.43%) , Q1)
 15. Wang, TY., Lee, SY., **Chang YH**, Chen SL, Chen PS, Chu, CH., Huang, SY., Tzeng, NS., Lee, IH., Chen, KC., Yang YK, Che, SH., Hong JS, Lu,RB. (2018). Correlation of cytokines, BDNF levels, and memory function in patients with opioid use disorder undergoing methadone maintenance treatment. *Drug and alcohol dependence*. 2018; 191:6-13. (SSCI, IF=3.466, Substance Abuse: Q1, 5/35=14.29%, Psychiatry: Q1, 33/142=23.2%)
 16. Lee, SY., Wang, TY., Chen, SL., **Chang Y-H**, Chen PS, Huang, SY., Tzeng, NS., Wang,LJ., Lee, H., Chen, KC., Yang, YK., Hong, JS., Lu, RB. (2018). Add-on Memantine Treatment for Bipolar II Disorder Comorbid with Alcohol Dependence: A 12-Week Follow-Up Study. *Alcoholism: Clinical and Experimental Research*, 42(6):1044-1050. (SCI , IF=3.183 , Substance Abuse : 5/19 (26.32%) , Q2)
 17. **Chang Y-H.**, Liu DC., Chen YC., Hsieh S (2017). The relationship between online-game type and multitasking ability in a virtual environment. *Applied Cognitive Psychology*.31(6): 653-661. (SSCI , IF=1.466 , Experimental Psychology: 59/85 (69.41%) , Q3)
 18. Wang, TY., Lee, SY., Hu, MC., Chen, SL., **Chang, Y-H.**, Chu, CH., Lin, SH., Li, CL., Liang, JW., Chen, PS., Chen, SH., Huang, SY., Tzeng, NS., Lee, IH., Chen, KC., Yang, TK., Hong, JS., Lu, RB. (2017). More inflammation but less brain-derived neurotrophic factor in antisocial personality disorder, *Psychoneuroendocrinology*, 85: 42-48. (SCI , IF=4.731 , Psychiatry : 22/142 (15.49%) , Q1)
 19. Lee, SY., Wang, TY., Chen, SL., **Chang, Y-H.**, Chen, PS., Huang, SY., Tzeng, NS., Wang, LJ., Lee, YH., Chen, KC., Yang, YK., Yang, YH., Chen, CS., Lu, RB. (2017). ALDH2 modulated changes in cytokine levels and cognitive function in bipolar disorder: A 12-week follow-up study, *Australian and New Zealand Journal of Psychiatry*, 52(7):680-689. (SCI , IF=5.084 , Psychiatry : 14/142 (9.86%) , Q1)
 20. Lu, RB., Lee, SY., Wang, TY., **Chang, Y-H.**, Chen, PS., Yang, YK., Hong, JS., Chen, SL. (2017). Long-term heroin use was associated with the downregulation of systemic platelets, BDNF, and TGF- β 1, and it contributed to the disruption of executive function in Taiwanese Han Chinese. *Drug and Alcohol Dependence*, 179: 139-145. (SCI , IF=.322 , Substance Abuse : 46/142 (32.39%) , Q2)

21. Lee, SY. Wang, TY., Chen, SL., **Chang, Y-H.**, Chen, PS., Huang, SY., Tzeng, NS., Wang, CL., Wang, LJ., Lee, IH., Chen, KC., Yang, YK., Lu, RB. (2017). The COMT Val158Met polymorphism is associated with response to add-on dextromethorphan treatment in bipolar disorder, *Journal of Clinical Psychopharmacology*, 5:94-98.
(SCI, IF=3.134, Psychiatry : 50/142 (35.21%), Q2)
22. Wang, TY; Lee, SY; Chung YL, Chen, SL; Li, CL; **Chang Y-H.**, Wang L.J., Chen P., Chen, SH, Chu C., Huang S., Tzeng N., Hsieh T.H., Lee I.H., Chen KC., Yang Y.K., Hong J., Lu RB. (2016). TPH1 and 5-HTTLPR genes specifically interact in opiate dependence but not in alcohol dependence. *European Addiction Research*, 22(4): 201-9 (SCI, IF=2.101, R/C=9/18, Substance Abuse)
23. Wang, TY; Lee, SY; Chen, SL; Chung, YL; Li CL; **Chang, Y-H.**; Wang LJ; Chen PS; Chen SH; Chu CH; Huang SY; Tzeng NS; Hsieh TH; Chiu YC; Lee IH; Chen KC; Yang YK; Hong J.S.; Lu RB. (2016). The differential levels of inflammatory cytokines and BDNF among bipolar spectrum disorders. *International Journal of Neuropsychopharmacology*. 19(8): pwy012. (SCI, IF=4.009, R/C=27/140, Psychiatry)
24. **Chang, Y-H.**; Lee, Y-Y; Liang, KC; Chen, I-P; Tsai, C-G, Hsieh, S. (2015). Experiencing musical emotions under eyes-closed and eyes-open states: an EEG study. *Frontiers in Psychology: Emotion Science*, 6:1160. (SCI, IF=2.843, R/C=20/127, Q1)
25. **Chang, Y-H.**; Lee, S-Y; Chen, S-L; Wang, T-Y; Tzeng, NS; Chen, PS; Lee, IH; Chen, KC Huang, S-Y; Yang, YK; Ko, H-C, & Lu, R-B. (2015) Comorbid alcohol dependence in bipolar II disorder might be related to ALDH2 and ADH1B, but related only to ALDH2 in bipolar I disorder in Han Chinese. *Bipolar Disorders*, 17: 536-542. (SCI, IF=4.965, R/C=20/140, Psychiatry).
26. **Chang, Y-H.**; Chen, S-L; Lee, S-Y; Chen, PS; Wang, TY; Lee, IH; Chen, KC; Yang, YK; Hong JS & Lu, R-B. (2015) Memantine add-on treatment may improve cognitive performance in addicts undergoing methadone-maintenance therapy-a randomized clinical trial. *Scientific Reports*, 5: 9708 (SCI, IF=5.578, R/C=5/56, Multidisciplinary Sciences).
27. Lee, S.Y. ; Chen, S.L. ; **Chang, Y-H.**; Chen, P.S; Huang, S.Y. ; Tzeng, N.S. ; Wang, L.J. ; Lee, I.H. ; Wang, TY; Chen, KC; Yang, Y.K. ; Hong JS & Lu, R.B. (2015) Low-dose memantine attenuated methadone dose in opioid-dependent patients: a 12-week double-blind randomized controlled trial. *Scientific Reports*, 5: 10140. (SCI, IF=5.578, R/C=5/56, Multidisciplinary Sciences).
28. Lee, S-Y, Chen, S-L, **Chang, Y-H.**, Chen, PS, Huang SY; Tzeng NS; Wang LJ; Lee IH; Wang TY; Chen KC; Yang YK; Hong JS & Lu, R-B. (2015). ALDH2 Polymorphism is Associated with Reducing Negative Symptoms in Patients with Schizophrenia Treated with Add-on Dextromethorphan. *Journal of Psychiatric Research*, 69:50-56. (SCI, IF=3.957, R/C=28/140, Psychiatry)

29. Wang, L-J; Lee, S-Y; Chen, S-L; **Chang, Y-H**; Chen, PS; Huang, S-Y; Tzeng, NS;Chen, KC; Lee, IH; Wang, TY;Yang, YK & Lu, RB. (2015). A potential interaction between COMT and MTHFR genetic variants in Han Chinese patients with bipolar II disorder. *Scientific Reports*. 5:8813: (SCI, IF=5.578, R/C=5/56, Multidisciplinary Sciences)
30. 陸汝斌, **張芸瑄**, 李聖玉, & 陳秀蘭. (2014). 精神醫學診斷之變遷. [Changes to the Psychiatric Diagnosis Protocol]. *護理雜誌* (61 卷 1 期), 26-31.
31. Wang, T-Y, Lee, S-Y, Chen, S-L, **Chang, Y-H**, Chen, S-H, Huang, S-Y, Tzeng, N-S, Wang, C-L, Yeh, P-H, Chen, KC, Lee, IH, Yeh, TL, Yang, YK, & Lu, R-B (2014). Gender-specific association of the 5-HTTLPR and DRD2 gene variants in bipolar disorder. *The International Journal of Neuropsychopharmacology*. 17 (2): 211-22. (SCI, IF=5.264, R/C=2/252, Neurosciences)
32. Chen, S.L., Lee, S.Y., **Chang, Y.-H.**, Chen, S.H., Chu, C.H., Wang, T.Y., Chen, P.S., Lee, I.H., Yang, Y.K., Hong, J.S., & Lu, R.B. (2014). The BDNF Val66Met polymorphism and plasma brain-derived neurotrophic factor levels in Han Chinese patients with bipolar disorder and schizophrenia. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*. 51: 99-104. (SCI, IF=4.025, R/C=74/252, Neurosciences)
33. Chiang, T., Lu, R.-B., Hsieh, S., **Chang, Y.-H.**, & Yang, Y. (2014). Stimulation in the dorsolateral prefrontal cortex changes subjective evaluation of percepts. *PLoS One*, 9(9), e106943. (SCI, IF=3.534)
34. Chuang, H.Y., **Chang, Y.-H**, Cheng, L.Y., Wang, Y.S., Chen, S.L., Chen, S.H., Chu, C.H., Lee, I.H., Chen, P.S., Yeh, T.L., Yang, Y.K., & Lu, R.B. (2014). Venlafaxine, Paroxetine and Milnacipran for Major Depressive Disorder: A Pragmatic 24-Week Study. *Chinese Journal of Physiology*, 57(5). (SCI, IF=1.275)
35. Lee, S.Y., Chen, S.L., **Chang, Y.-H**, Chen, S.H., Chu, C.H., Huang, S.Y., Tzeng, N.S., Wang, C.L., Wang, L.J., Lee, I.H., Yeh, T.L., Lu, R.B., Yang, Y.K., & Lu, R.B. (2014). Genotype variant associated with add-on memantine in bipolar II disorder. *The International Journal of Neuropsychopharmacology*, 17(2), 189-197. (SCI, IF=5.264)
36. Lee, S.Y., Chen, S.L., **Chang, Y.-H.**, & Lu, R.B. (2014). Variation of types of alcoholism: review and subtypes identified in Han Chinese. *Progress in Neuro-psychopharmacology & Biological Psychiatry*, 48, 36-40. (SCI, IF=4.025)
37. Lee, S.Y., Chen, S.L., **Chang, Y.-H**, Chen, P.S., Huang, S.Y., Tzeng, N.S., Wang, Y.S., Wang, L.J., Lee, I.H., Wang, T.Y., Yeh, T.L., Yang, Y.K., Hong, J.S., & Lu, R.B. (2014). The Effects of Add-On Low-Dose Memantine on Cytokine Levels in Bipolar II Depression: A 12-Week Double-Blind, Randomized Controlled Trial. *The International Journal of Neuropsychopharmacology*, 34(3), 337-343. (SCI, IF=5.264)
38. Wang, Y.S., Lee, S.Y., Chen, S.L., **Chang, Y.-H**, Wang, T.Y., Lin, S.H., Wang, C.L., Huang,

- S.Y., Lee, I.H., Chen, P.S., Yang, Y.K., & Lu, R.B. (2014). Role of DRD2 and ALDH2 genes in bipolar II disorder with and without comorbid anxiety disorder. *European Psychiatry*, 29(3), 142-148. (SCI, IF=3.210)
39. Lee, S.Y., Chen, S.L., **Chang, Y.-H.**, Chen, P.S., Huang, S.Y., Tzeng, N.S., Wang, Y.S., Wang, L.J., Lee, I.H., Yeh, T.L., Yang, Y.K., Lu, R.B., & Hong, J.S. (2013). Add-on memantine to valproate treatment increased HDL-C in bipolar II disorder. *Journal of Psychiatric Research*, 47(10), 1343-1348. (SCI, IF=4.092)
40. **Chang, Y.-H.**, Lee, S.Y., Chen, S.L., Tzeng, N.S., Wang, T.Y., Lee, I.H., Chen, P.S., Huang, S.Y., Yang, Y.K., Ko, H.C., & Lu, R.B. (2013). Genetic variants of the BDNF and DRD3 genes in bipolar disorder comorbid with anxiety disorder. *Journal of Affective Disorders*, 151(3), 967-972. (SCI=3.705)
41. Lee, S.Y., Chen, S.L., **Chang, Y.-H.**, Chen, S.H., Chu, C.H., Huang, S.Y., Tzeng, N.S., Wang, C.L., Wang, L.J., Lee, I.H., Yeh, T.L., Lu, R.B., Yang, Y.K., & Lu, R.B. (2013). Genotype variant associated with add-on memantine in bipolar II disorder. *The International Journal of Neuropsychopharmacology*, 1-9. (SCI, IF=5.264)
42. Lee, S.-Y., Chen, S.-L., **Chang, Y.-H.**, Chen, P.S., Huang, S.-Y., Tzeng, N.-S., Wang, Y.-S., Wang, L.-J., Lee, I.H., Wang, T.-Y., Yeh, T.L., Yang, Y.K., Hong, J.-S., & Lu, R.-B. (2013). Inflammation's Association with Metabolic Profiles before and after a Twelve-Week Clinical Trial in Drug-Naïve Patients with Bipolar II Disorder. *PLoS One*, 8(6), e66847. (SCI, IF=3.534)
43. **Chang, Y.-H.**, Liu, M.-E., Huang, C.-C., Ku, Y.-C., Lee, S.-Y., Chen, S.-L., Liu, W.-C., & Lu, R.-B. (2013). Cognitive performance in older elderly men with late-life depression and cardiovascular comorbidities: symptomatological correlation. *Annals of General Psychiatry*, 12(1), 1-7. (SCI, IF=1.532)
44. Lee, S.Y., Chen, S.L., Wang, Y.S., **Chang, Y.-H.**, Huang, S.Y., Tzeng, N.S., Lee, I.H., Yeh, T.L., Yang, Y.K., & Lu, R.B. (2013). COMT and BDNF interacted in bipolar II disorder not comorbid with anxiety disorder. *Behavioural Brain Research*, 237, 243-248. (SCI, IF=3.391)
45. Hu, M.C., Lee, S.Y., Wang, T.Y., Chen, S.L., **Chang, Y.-H.**, Chen, S.H., Chu, C.H., Wang, C.L., Lee, I.H., Yeh, T.L., Yang, Y.K., & Lu, R.B. (2013). Association study of DRD2 and MAOA genes with subtyped alcoholism comorbid with bipolar disorder in Han Chinese. *Progress in Neuro-psychopharmacology & Biological Psychiatry*, 40, 144-148. (SCI, IF=4.025)
46. Cheng, S., Shih, C., Yang, Y., Chen, K., **Chang, Y.-H.**, & Yang, Y. (2013). Factors associated with premenstrual syndrome - a survey of new female university students. *The Kaohsiung Journal of Medical Sciences*, 29(2), 100-105. (SCI, IF=0.477)
47. **Chang, Y.-H.**, Chen, S.-L., Lee, S.-Y., Hsu, Y.-W., Wu, J.Y.-W., Chen, S.-H., Chu, C.-H., Lee,

- I.H., Yeh, T.L., Tzeng, N.-S., Huang, S.-Y., Yang, Y.K., & Lu, R.-B. (2012). Neuropsychological functions in bipolar disorders I and II with and without comorbid alcohol dependence. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 37(2), 211-216. (SCI, IF=4.025)
48. Huang, C.C., **Chang, Y.-H.**, Lee, S.Y., Chen, S.L., Chen, S.H., Chu, C.H., Huang, S.Y., Tzeng, N.S., Lee, I.H., Yeh, T.L., Yang, Y.K., & Lu, R.B. (2012). The interaction between BDNF and DRD2 in Bipolar II disorder but not in bipolar I disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 5, 501-507. (SCI, IF=3.231)
49. Chang, C.-T., **Chang, Y.-H.**, Yung-Wei Wu, J., Lee, S.-Y., Chen, S.-L., Chen, S.-H., Chu, C.-H., See Chen, P., Hui Lee, I., Lih Yeh, T., Tzeng, N.-S., Huang, S.-Y., Yang, Y.K., Yang, H.-F., & Lu, R.-B. (2012). Neuropsychological functions impairment in different subtypes of bipolar disorder with or without comorbid anxiety disorders. *Psychiatry Research*, 200(2-3), 246-251. (SCI, IF=2.682)
50. Lee, S.Y., Chen, S.L., Chen, S.H., Chu, C.H., **Chang, Y.-H.**, Lin, S.H., Huang, S.Y., Tzeng, N.S., Kuo, P.H., Lee, I.H., Yeh, T.L., Yang, Y.K., & Lu, R.B. (2012). Interaction of the DRD3 and BDNF gene variants in subtyped bipolar disorder. *Progress in Neuro-psychopharmacology & Biological Psychiatry*, 39(2), 382-387. (SCI, IF=4.025)
51. Liu, M.E., **Chang, Y.-H.**, Ku, Y.C., Lee, S.Y., Huang, C.C., Chen, S.L., Chen, S.H., Chu, C.H., Liu, W.C., & Lu, R.B. (2012). Executive functions in elderly men. *Age*, 34(1), 59-66. (SCI, IF=3.445)
52. Wang, T.Y., Lee, S.Y., Chen, S.L., Chen, S.H., Chu, C.H., Huang, S.Y., Tzeng, N.S., **Chang, Y.-H.**, Wang, C.L., Lee, I.H., Yeh, T.L., Yang, Y.K., & Lu, R.B. (2012). The aldehyde dehydrogenase 2 gene is associated with heroin dependence. *Drug and Alcohol Dependence*, 120(1-3), 220-224. (SCI, IF=3.278)
53. Wang, T.-Y., Lee, S.-Y., Chen, S.-L., **Chang, Y.-H.**, Chen, S.-H., Chu, C.-H., Huang, S.-Y., Tzeng, N.-S., Wang, C.-L., Lee, I., Yeh, T., Yang, Y., & Lu, R.-B. (2012). Interaction between Serotonin Transporter and Serotonin Receptor 1 B genes polymorphisms may be associated with antisocial alcoholism. *Behavioral and Brain Functions*, 8(1), 18. (SCI, IF=2.000)
54. **Chang, Y.-H.**, Chen, S.L., Chen, S.H., Chu, C.H., Lee, S.Y., Yang, H.F., Tzeng, N.S., Lee, I.H., Chen, P.S., Yeh, T.L., Huang, S.Y., Chou, K.R., Yang, Y.K., Ko, H.C., Lu, R.B., & Angst, J. (2012). Low anxiety disorder comorbidity rate in bipolar disorders in Han Chinese in Taiwan. *Progress in Neuro-psychopharmacology & Biological Psychiatry*, 36(1), 194-197. (SCI, IF=4.025, Pharmacology and Pharmacy 36/256)
55. Wang, Y.-Y., **Chang, Y.-H.**, Lee, S.-Y., Huang, C.-C., Lee, I.H., Yeh, T.-L., Yang, Y.-K., Ku, Y.-C., & Lu, R.-B. (2012). Symptomatological and cognitive correlates of vascular comorbidity in older-elderly (at least 75 years old) men with major depressive disorder. *The*

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69. 洪瑄曼, 王惠玲, **張芸瑄**, & 陳彰惠. (2010). 科學哲學觀演化與護理知識典範順勢. *護理雜誌* 57, 64-70. (TSSCI)
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- ◆ Ongoing articles
1. Wang, M-Y, Liu, Y-H, Chang, Y-T, Chang, P-C, **Chang, Y-H***. Effectiveness of a shrot-term setting of neurofeedback training among differen subtypes of Attention Deficit/Hperactivity Childrne. (under review)
 2. Kuo, J-H, Liu, C-Y, Lee, T-H, Strong, C., Lin, C-Y, **Chang, Y-H**, Lin, Y-C, Hsieh, Y-P, and Tsai, M-C. Effects of weight on adolescent self-image: Mediation of pubertal timing and athletic competence. (under review)
 3. Cheng, W-J, Lee, K-H, **Chang, Y-H***. Taking caffeine-infusd beverage may mediate the vicious circle between smartphone adiction and sleep quality among college students. (under review).
 4. **Chang, Y-H**, Hsieh S. Chen, S-L, Wang, TY, Lee, S-Y, Chen, PS, & Lu, R-B. *ALDH2* may play the role in executive dysfunction in bipolar II patients comorbid with anxiety disorder (submitted)
 5. Chang, Y-T, Wong, T-Y, Chang, P-C., Wang, M-Y, **Chang, Y-H***. The Effectiveness of Child-Centered Play Therapy for Executive Functions in Children with ADHD. (submitted)
 6. Huang, YD., **Chang, Y-H***. Cognitive profiles of subtypes of dementia-a longitudinal study (in preparation)

(b) Conference

1. 陳冠妤、張芸瑄*、吳珮瑤 (2021 年 06 月 18 日)。探討 COVID-19 疫情期間不同情緒障礙症者社團臉書發文字詞之異同。跨疫情時代的心理與科技交流國際研討會暨全國輔導與諮商碩博士研究生學術研討會，台中，亞洲大學 [Chen, KY, Chang, Y-H*, Wu, PY (2021, 18, June). To explore the post behavior of people with mood disorders during COVID-19 pandemic in Taiwan during May 2021. In Chia-Chi Fang (Chair), *Counselling and Clinical Psychology (II)*. Symposium conducted at the International Conference on Interaction of Psychology and Technology During COVID-19. Taichung, Taiwan.]
2. 陳叡宥、張芸瑄*、吳珮瑤(2021 年 06 月 18 日)。生活事件於情感性疾患患者病程中所扮演之角色—以詮釋學而論。跨疫情時代的心理與科技交流國際研討會暨全國輔導與諮商碩博士研究生學術研討會，台中，亞洲大學 [Chen, R-Y, Chang, Y-H*, Wu, PY (2021, 18, June). To investigate the role of life event among patients with mood disorders with hermeneutics methodology. In Pei-Yu Wu (Chair), *Counselling and Clinical Psychology (III)*. Symposium conducted at the International Conference on Interaction of Psychology and Technology During COVID-19. Taichung, Taiwan.]
3. 張芸瑄* (2021 年 4 月 10-11 日)。人格特質、渴求感與網路遊戲障礙症之初探。2021 台灣臨床心理學會暨學術研討會專題報告，本土成癮病理與治療之發展現況，嘉義，中正大學 [Chang, Y-H* (2021, 10-11, April). The relationship among personality, craving and internet gaming with Problematic Mobile Gaming. In Kuan Hua Lee (Chair), *Psychopathology and intervention of addictive behavior in Taiwan*. Symposium conducted at the 2021 annual meeting of the Taiwanese Clinical Psychological Association, Chiayi, Taiwan]
4. 吳叡淳、張芸瑄* (2019 年 11 月 2-3 日)。大學生智慧型手機成癮對使用咖啡因飲料、睡眠品質及日間嗜睡情形之影響。2019 台灣心理學會暨學術研討會專題報告，高雄，台灣。[Wu, R-T, Chang, Y.-H* (2019, 02-03, November). The interaction among smartphone addiction, caffeine drinks and sleep quality. In Wen-So Su (Chair), *Technology and Mental Illness*. Symposium conducted at the 2019 annual meeting of the Taiwanese Psychological Association, Kaohsiung, Taiwan.]
5. 陳冠婷、張芸瑄* (2019 年 11 月 2-3 日)。手機遊戲類型與情緒調節能力之相關探究，2019 台灣心理學會暨學術研討會專題報告，高雄，台灣。[Chen, K-T, Chang, Y.-H* (2019, 02-03, November), The relationship between smartphone gaming experiences and emotional regulation In Wen-So Su (Chair), *Technology and Mental Illness*. Symposium conducted at the 2019 annual meeting of the Taiwanese Psychological Association, Kaohsiung, Taiwan]
6. 李依心、張芸瑄* (2019 年 11 月 2-3 日)，網路人際互動與親密感之相關初探，2019 台灣心理學會暨學術研討會海報論文。[Lee, Chang, Y.-H* (2019, 02-03, November), The study in the association between internet interpersonal connection and intimacy, Poster presented at the 2019 annual meeting of the Taiwanese Psychological Association, Kaohsiung, Taiwan]
7. 陳冠妤、林育純、張芸瑄* (2019 年 11 月 2-3 日)，教養方式與兒童發展相關初探，

- 2019 台灣心理學會暨學術研討會專題報告，高雄，台灣。[Chen, K-Y, Lin, Y-T, **Chang, Y.-H.***(2019, 02-03, November), The association between parting styles and children development, Poster presented at the 2019 annual meeting of the Taiwanese Psychological Association, Kaohsiung, Taiwan]
8. Tsai, M-J., Liu, Y-H, Wang, M-Y., Chang, Y-T., **Chang, Y.-H.*** (2019, October). Discussion on quality of life and neuropsychological performance of attention deficit hyperactivity / disorder. Poster presented at the 10th Congress of the Asian Society for Child and Adolescent Psychiatry and Allied Professions (ASCAPAP 2019), The Empress Chiang Mai, Thailand.
 9. **Chang, Y.-H.***, Huang, C-C., Wang, T-Y., Chen, PS., Lane, HY., Lu, RB. (2019, September). The association between anxiety disorder comorbidity and neuropsychological profiles across different mood states in patients with bipolar disorder. Poster presented at the 32nd ECNP Congress of Applied and Translational Neuroscience (32nd ECNP Congress), Copenhagen, Denmark.
 10. Wong, Tsz-Yan; Wang, Ming-Yu; Chang Yu-Tzu; **Chang, Y.-H.*** (2019, September). Effectiveness of child-centered play therapy on emotional regulation and attention of children with attention deficit disorder: A case study. Poster presented at the 32nd ECNP Congress of Applied and Translational Neuroscience (32nd ECNP Congress), Copenhagen, Denmark.
 11. Gau, L-S., Huang, J-C., **Chang, Y.-H.** (2019, August). Adoption of Balance Model to Reduce Smart Phone Addiction, Oral presentation at the 2019 SCP Boutique Conference on Addiction and Maladaptive Consumption, Seattle, Washington.
 12. Wong, Tsz-Yan; Wang, Ming-Yu; Chang Yu-Tzu; **Chang, Y.-H.*** (2019), 兒童中心遊戲治療對泛自閉症類群兒童在情緒與行為控制上的治療效果初探, Poster session presented at the 2019 annual meeting of the Taiwanese Psychological Association. ChengChun University, Taipei, Taiwan
 13. Tsai, YC., Liou, IH., Wang, MY., Chang, YT., **Chang, Y.-H.*** (2019, April). Interaction between neuropsychological profile and emotional regulation in children with attention deficient/hyperactivity. Poster session presented at the 2019 annual meeting of the Taiwanese Clinical Psychological Association. ChengChun University, Taipei, Taiwan
 14. Jin, SC., **Chang, Y.-H.*** (2019, April). Study of stratification in emotional expression among university students. Poster session presented at the 2019 annual meeting of the Taiwanese Clinical Psychological Association. ChengChun University, Taipei, Taiwan
 15. Lee, CY., Hung, YH., Jin, SC., Huang, HY., Huang, YD., Jiang, SN., **Chang, Y.-H.***. (2018, 17-18 November). Effectives of a cognitive rehabilitation program in elderly from community: a preliminary study. Poster session presented at 11th Pan-Pacific Conference on Rehabilitation. Hong-Kong.
 16. **Chang, Y.-H.***; Wang, TY., Huang, CC., Huang, HY., Lu. RB. (2018, 07 October). Interaction between BDNF Val66Met gene polymorphism and peripheral levels on memory function in bipolar disorder compared to normal participants. Poster session presented in 31th European College of NeuroPsychopharmacology (31th ECNP), Barcelona, Spain.
 17. Hsiao, MY., **Chang, Y.-H.***; Lu, RB., (2018, 08 October). *Personality trait may modify the*

- people with antisocial personality disorder from prison to comorbid with substance use or not.* Poster session presented in 31th European College of NeuroPsychopharmacology (31th ECNP), Barcelona, Spain.
18. Kuo, SY., **Chang, Y.-H.***; Chen, PS., Lane, HY., Wang, TY., Lu, RB., (2018, 07 October). Comparing emotional intelligence between patients with bipolar disorder and healthy controls. Poster session presented in 31th European College of NeuroPsychopharmacology (31th ECNP), Barcelona, Spain.
 19. Hsu, YR., **Chang, Y.-H.***; Wang, TY., Chen, PS., Huang, CL., Lu, RB. (2018, 07 October). Sleep quality may moderate the impairment of neuropsychological performance on patients with bipolar disorders. Poster session presented in 31th European College of NeuroPsychopharmacology (31th ECNP), Barcelona, Spain.
 20. Wang, TY., **Chang, Y.-H.**, Li, PW., Chen, PS., Lu, RB. (2018, 07 October). Inflammatory cytokines and BDNF levels in different states of bipolar disorder, but not comorbid with anxiety disorders. Poster session presented in 31th European College of NeuroPsychopharmacology (31th ECNP), Barcelona, Spain.
 21. **Chang, Y.-H.***; Liu D-C.; Hsieh, S. (2018, 01 June). *The relationship between resting state functional connectivity and internet addiction.* In Jaeseung Jeong (Chair), *Brain Circuitry for Internet Addiction*. Symposium conducted at the International Conference on Internet Addiction, Taichung, Taiwan.
 22. Lee, CY.; **Chang, Y.-H.***; Huang, YH; Jin, SC.; Fang, YL.; Chang, HW.; Huang, HY.; Shao Y.; Wang, XL. (2018, 01 June). *Association among Internet use, cognitive function and quality of life in elderly.* In Sunny S. J. Lin (Chair), *Internet positive use and prevention of internet addiction*. Symposium conducted at the International Conference on Internet Addiction, Taichung, Taiwan.
 23. Hong, YH.; **Chang, Y.-H.***. (2018, June). *The relationship between motivation and social interaction on online-game playing,* In Joseph T. F. Lau (Chair), *Online Social Interaction, Problematic Internet Use and Quality of Life*. Symposium conducted at the International Conference on Internet Addiction, 2018, 01, June, Taichung, Taiwan.
 24. Liu, YH.; Tsai, YJ.; **Chang, Y.-H.*** (2018, 01 June). *Types of internet use for whom have mobile addiction tendency.* Poster session presented at the International Conference on Internet Addiction, Taichung, Taiwan.
 25. Tsai, YJ., Liu, YH. **Chang, Y.-H.*** (2018, 01 June). *The relationship between internet addiction, social interaction and the pattern of social media use.* Poster session presented at the International Conference on Internet Addiction, Taichung, Taiwan.
 26. Chang, H. I., **Chang, Y.-H.***, Su, W. S., & Lu, R. B. (2017, October). *Using the Rorschach Performance Assessment System to compare bipolar II patients with anxiety disorders to those without.* Poster session presented at the 2017 annual meeting of the Taiwanese Psychological Association. Chiayi, Taiwan.
 27. Chen, P. Y., **Chang, Y.-H.***, & Su, W. S. (2017, October). *Comparing adults to adolescents with the use of the Rorschach Performance Assessment System.* Poster session presented at the 2017 annual meeting of the Taiwanese Psychological Association. Chiayi, Taiwan.

28. **Chang, Y.-H.** & Hsieh, S. (2017, 01-03 September). *Impact of online-game players on multitasking in a virtual environment*. Poster session presented at the International Conference on Cognitive Sciences (ICCS), Taipei, Taiwan.
29. **Chang, Y.-H.** & Hsieh, S. (2017, 05-08 August). *Association among online-game playing, resting fMRI state and multitasking in a virtual environment*. Poster session presented at the International Conference on Cognitive Neurosciences (ICON), Amsterdam, Netherland.
30. Hsu, Y.-R., & **Chang, Y.-H.*** (2017, 05-08 August). *The relationships among internet addiction, sleep quality and attentional networks*. Poster session presented at the Conference on Cognitive Neurosciences (ICON), Amsterdam, Netherland.
31. **Chang, Y.-H.***, & Lu, R.-B. (2017, 31 May-03 June). *ALDH2 impacts on alcoholism comorbidity in bipolar disorder in Taiwan*. In Lu, R.B. (Chair), Symposium conducted at the 5th Asia Pacific Society for alcohol and addiction research (APSAAR), Taipei, Taiwan.
32. Cheng, W.-J., Hsu, Y.-R., **Chang, Y.-H.***, Chiang, S.-N., Lane, H.-Y., & Ko, H.-C. (2017, 31 May-03 June). *The relationships among smartphone use, sleep quality and mood status*. Poster session presented at the 5th Asia Pacific Society for alcohol and addiction research (APSAAR), Taipei, Taiwan.
33. Liu, D-C., Chen, Y-C., **Chang, Y.-H.**, Hsieh, S. (2016, October), *The association among Internet use, internet addiction, online-game and multitasking*, Poster session presented at the 2016 annual meeting of the Taiwanese Psychological Association, Tainan, Taiwan.
34. **Chang, Y.-H.***; Huang, C-C; Lu, RB. (2016, 10-11 October). *The Role of ALDH2 Genotypes in Bipolar II Disorder Comorbid with Anxiety Disorder*. Paper presented at the International Conference on Psychology and Psychiatry (ICPP 2016), Osaka, Japan.
35. Huang, C-C, Lee, JY-Y, **Chang, Y.-H.**, & Wong, T-W. (2012, 24-25 November). *The Comorbidities and Histologic Types of Acquired Perforating Disorders: Experience in A Medical Center*. Paper presented at the 38th Annual Meeting of the Taiwanese Dermatological Association. 24-25 November. Taipei, Taiwan.
36. Huang, H-L, **Chang, Y.-H.** (2012, 10-12 March). Psychodynamic combined with behaviorism psychotherapy in Attentional deficit/hyperactivity comorbid with Oppositional Defiant Disorder. Association of Taiwan Clinical Psychologists, 10-12 March. Taichung, Taiwan.
37. **Chang, Y.-H.**, Huang, C.-C., & Lu, R.-B. (2011, 23-25 September). *Comorbidity rate of alcoholism in bipolar disorders*. Paper presented at the 2nd AsCNP Congress, 23-25 Sep. Seoul, South Korea.
38. **Chang, Y.-H.**, Chang, C.-T., Wu, H.-I., Wu, T.-I., Chuang, S.-Y., Ko, H.-C., Lu, R.-B. (2011, 29 May-2 June). *Low Anxiety comorbidity rate in Bipolar Disorders among Han Chinese in Taiwan*. Poster presented at the 10th World Congress of Biological Psychiatry. 2011, 29 May-2 June, Prague, Czch Republic.
39. **Chang, Y.-H.**, Liu, M.-E., Ku, Y.-C., Huang, C.-C., Lee, S.-Y., Chen, S.-L., Lu, R.-B. (2011, 29 May-2 June). *The impact of major depression among elderly with cardiovascular comorbidity*, Paper presented in the 10th World Congress of Biological Psychiatry, 2011, 29 May-2 June, Prague, Czch Republic.

40. **Chang, Y.-H.**, Wu, T.-I., Chuang, S.-Y., Ko, H.-C., & Lu, R.-B. (2011, 17-20 May). *The impact of alcohol metabolism genotypes and comorbidity rate in bipolar disorders*. Paper presented at the 16th International Conference of the Association of Psychology & Psychiatry for Adults & Children (A.P.P.A).2011, 17-20 May, Athens, Greece
41. Huang, Chih-Chun, **Chang, Y.-H.**, & Lu, R.-B. *The interaction between BDNF and DRD2 in bipolar II disorder but not in bipolar I disorder*. Poster presented at the 16th International Conference of the Association of Psychology & Psychiatry for Adults & Children (A.P.P.A). 2011, 17-20 May, Athens, Greece.
42. **Chang, Y.-H.**, Hsiao, Y-L, Shan, C. Hsu, Y-W, Wu, H-Y, Cheng, C-T, Lu, R-B. (2011, 12-24 May). *The low prevalence of comorbidity with alcohol dependence or anxiety in bipolar I and II disorder in Han Chinese in Taiwan*, Poster presented in International Review of Bipolar Disorder. 2010, May 12-14: Budapest, Hungary.
43. **Chang, Y.-H.**, Chang, H-Y; and Sun, C-S (2007). *A study of indistinct space on gender segregation in job market*, Poster in The First International Conference on Management Innovation. 2007: Shanghai.
44. **Chang, Y.-H.** and Harris, J. P. (2006) *Comparing Affective Perception in Schematic, Cartoon and Real Faces*, Poster presented in *European Conference on Visual Perception*. 2006: Russia.
45. **Chang, Y.-H.** and Harris, J P. (2005). *Perception in Facial Expressions*, Paper presented in *Attention and Perception*. 2005: Taiwan.

Book/Chapter:

1. **Chang, Y-H**; Lee, SY; Lu, RB (2016). Co-morbid mental disorders in anxiety disorders: genetic aspects of bipolar disorders and of ethnicity in Federico Durbano and Barbara Marchesi (Ed.), *New Development in Anxiety Disorders*.
2. Lee, SY; **Chang, Y-H** and Lu, RB. (2016). *The Quest of Candidate Gene in Alcohol Dependence: The Dopamine D2 receptor (DRD2) gene* in Preedy, V. R. (Ed.), *Neuropathology of Drug Addictions and Substance Misuse, Volume 1*, London, UK, Academic Press
3. 郭瑞坤, 邵佩君, 張秦瑞, 張芸瑄, 林佩瑩, 李宜晉. (2012). *大規模災難災後重建社區營造機制之研究*: 五南出版社.

Grants

| Time | Position | Project | Funding | 執行情形 |
|------------|----------|--------------|---------------------|---------|
| 2021/0101- | Co PI | 韌性腦的解碼與促進：從多 | Ministry of Science | Ongoing |

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| 2021/12/31 | | 變量剖面標記到介入--韌性腦的解碼與促進：從多變量剖面標記到介入(1/2) | Technology (MOST 110-2321-B-006-004-) | |
| 2020/08/01-2022/07/31 | PI | 情緒疾患的神經心理功能調適情緒感知與壓力暨社群媒體使用之相關初探 | Ministry of Science Technology (MOST 109-2628-H-468 -001 -MY2) | Ongoing |
| 2020/10/01-2021/09/30 | PI | 網路遊戲成癮障礙症之心跳變異與腦波之變化—藉由行動裝置回饋之初探 (To study the association between internet gaming disorder and sleep disturbance—using portable device) | China-Medical University & Asia University collaboration (ASIA-106-CMUH-07) | Ongoing |
| 2019/08/01-2021/03/31 | PI | To explore the correlation among social cognition, neuropsychological functioning and social media on different disorder course across mood disorders | Ministry of Science Technology (MOST 108-2410-H-468-009-) | Completed |
| 2019/08/01-2020/07/31 | Co-PI | 低劑量 memantine 改善中老年第二型雙極症患者認知缺損之可能療效(1/2) | Ministry of Science Technology (MOST 108-2628-B-006-016-MY2) | Completed |
| 2019/04/01-2020/02/28 | PI | To explore the interaction among internet addiction tendency, attention and study process in university students | Asia University (107-asia-06) | Completed |
| 2017/08/01-2019/10/31 | PI | A follow-up study of the impact of anxiety comorbidity on course and prognosis in bipolar disorders | Ministry of Science Technology (MOST 106-2410-H-468-012-MY2) | Completed |
| 2017/04/01-2018/03/31 | PI | Sleep profile in internet addicts comorbid with depression | Asia University (106-asia-15) | Completed |
| 2017/09/01-2018/08/31 | PI | Relationship among emotional regulation in children/adolescents with deficient emotional self-regulation | China-Medical University & Asia University collaboration (ASIA-106-CMUH-07) | Completed |

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|---------------------------|------|--|---|-----------|
| 2016/10/01- 2017/09/30 | PI | A study of Rorschach and neuropsychological functions in mood disorders in children | China-Medical University & Asia University collaboration (ASIA-105-CMUH-17) | Completed |
| 2016/01/01- 2017/04/30 | PI | Investigation the relationship between genotypes, attention network and social cognition in bipolar II disorder comorbid with anxiety disorder | Ministry of Science Technology (MOST 105-2410-H-468-001) | Completed |
| 2016/02/21- 2018/12/31 | CoPI | 老人憂鬱合併代謝症候群之風險因子與認知功能探討 [Investigation of risk factors and cognitive functions in elderly depression comorbid with metabolic syndrome] | Tungs' Taichung MetroHarbor Hospital (TIMHH-105R0006) | Completed |
| 2016/02/21- 2018/12/31 | CoPI | Profile of genes, immune systems and cognitive functions in bipolar II disordered patients | National Cheng Kung University Hospital | Completed |
| 2015/07/01- 2017/12/31 | CoPI | Technology and multitasking ability | Ministry of Science Technology (MOST 104-2420-H-006-004-MY2) | Completed |
| 2015/08/01- 2016/07/31 | PI | Sleep profile in internet addicts comorbid with depression | Asia University (105-asia-01) | Completed |

◇ 大專生科技部計畫獎助

| 年度 | 計畫名稱 | 委託單位 | 執行情形 |
|-----|------------------------------|---------------------------------------|------|
| 105 | 失智症患者照護期待與家庭照顧者壓力之探討 | 行政院科技部 (MOST 105-2815-C-468-008-H) | 已結案 |
| 106 | 數位科技對老年人憂鬱程度、幸福感與社會參與度之相關性研究 | 行政院科技部 (MOST106-2813-C-468-036-H) | 已結案 |
| 107 | 注意力缺陷過動症孩童發展與隔代教養之相關探討 | 行政院科技部 (MOST107-2813-C-468-047-H) | 已結案 |
| 109 | 人際互動桌遊設計與成效初探—以自閉症類群為例 | 行政院科技部 (MOST 109-2813-C-468-048-H) | 已結案 |

Periodical reviewers:

[SCI/SSCI]

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12. Journal of Personality and Social Psychology
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- 16.

[TSSCI 期刊]

1. 中華心理學刊
2. 中華心理衛生學刊
3. 輔導學刊

[Others]

1. 長庚科技學刊

◇ Social services

- ◆ 財團法人新展望文教基金會董事(2021~)
- ◆ 103-105 年擔任國內中華心理學刊編輯執行秘書
- ◆ 童綜合醫院承辦衛生福利部 104 年心理健康促進計畫委員