

<u>Name:</u>	Yi-Ju Pan (panyiju0211@gmail.com) (潘怡如醫師，精專 886 號)
<u>Summary of experience and research interest:</u>	Epidemiology in psychiatric research Economic evaluation: cost-effectiveness and cost-utility analysis Clinical psychiatry
<u>Work Experiences:</u>	
January. 2018 – current	Far Eastern Memorial Hospital Department of Psychiatry <i>Director</i>
Sep 2009 – current	Far Eastern Memorial Hospital Department of Psychiatry <i>Attending Psychiatrist</i>
Aug. 2023 –current	Yuan Ze University Department of Chemical Engineering and Materials Science <i>Associate Professor</i>
Aug. 2018 –Jul. 2022	National Yang Ming Chiao Tung University School of Medicine Institute of Public Health <i>Associate Professor</i>
<u>Education:</u>	
Apr. 2010 – Jan. 2014	Institute of Psychiatry, Psychology & Neuroscience King's College London, United Kingdom <i>PhD in Health Economics, Jan, 2014</i>
Aug. 2007 - Jun. 2008	School of Public Health Department of Epidemiology Harvard University, USA <i>Master of Science in Epidemiology, June, 2008</i>
Sep. 1994 - Jun. 2001	Faculty of Medicine National Yang-Ming University, Taiwan <i>MD, June, 2001</i>
<u>Special Award</u>	
Dec. 2020	National Healthcare Quality Award (NHQA) Smart HealthCare Award Gold Medal (First Prize) <i>“AI-Assisted Rapid-Alerting and Auto-Reporting System of Chest X-Ray”</i>
Dec. 2021	
Dec. 2022	National Biotechnology and Medicine Care Quality Award Symbol of National Quality (SNQ) <i>“Developing an AI solution for medical image diagnosis: real-time</i>

Dec. 2023	<u>image database, smart search, and cloud labeling system”</u> National Innovation Award Award Granted <u>“Developing an AI solution for medical image diagnosis: real-time image database, smart search, and cloud labeling system”</u> National Innovation Award Award Granted <u>“AI Assisted Auto-contouring System of Meningioma and Neuroma in Brain MRI”</u>
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<u>Academic Publications</u> <u>(Selected):</u>	1. Wang KH, Kuo KH, Shih HH, <u>Pan YJ</u>* (2026): Cytotoxic lesion of the corpus callosum after gamma hydroxybutyrate withdrawal: a case report. <i>Journal of Addictive Diseases</i>. 1-6. doi: 10.1080/10550887.2026.2656693. (Epub ahead of print)(SCI) 2. Chen CL, Chu YH, <u>Pan YJ</u>, Ho MS, Chang HJ* (2026): Factors Influencing High School Students' Attitudes Toward Seeking Professional Psychological Help. <i>Journal of the American Psychiatric Nurses Association</i>. 32(4):268-289. (SCI) 3. Yang FY*, Wu RY, Lau CI, <u>Pan YJ</u>, Pan ZY (2026): Abdominal ultrasound attenuates early-stage aberrant proliferation and depressive behavior in AOM/DSS-induced colorectal cancer: regulatory mechanisms of the Wnt/β-catenin pathway and HPA axis. <i>Brain, Behavior, and Immunity</i>. 137:106818. (SCI) 4. Yang FY*, Wu MT, <u>Pan YJ</u>, Su WS, Pan ZY, Lin YT, Sun CF, Lin YC (2026): Unveiling the mechanism of abdominal and transcranial ultrasound stimulation against DSS-induced colitis based on proteomic analysis. <i>Journal of Biological Engineering</i>. 20(1):25. (co-first author) 5. Yang FY*, <u>Pan YJ</u>, Zheng YT, Tsai SJ (2026): Abdominal Ultrasound Stimulation Alleviates Negative Symptoms Through Modulation of Serotonin Signaling and Gut Microbiota in the MK-801 Model of Schizophrenia. <i>Schizophrenia Bulletin</i>. 52(1):sbaf031. (SCI) (co-first author) 6. Lin YC, <u>Pan YJ</u>, Chang SM, Yang FY* (2025): Transcranial ultrasound stimulation ameliorates dextran sulphate sodium-induced colitis and behavioural disorders by suppressing the inflammatory response in the brain. <i>Brain Communications</i> 7(2):fcf119. (ESCI) (co-first author) 7. Gao CY, <u>Pan YJ</u>, Su WS, Wu CY, Chang TY, Yang FY* (2025): Abdominal ultrasound stimulation alleviates DSS-induced colitis and behavioral disorders in mice by mediating the microbiota-gut-brain axis balance. <i>Neurotherapeutics</i>. 22(2):e00494. (SCI) (co-first author) 8. Chiu IM, Huang TY, Ouyang D, Lin WC, <u>Pan YJ</u>, Lu CY, Kuo KH (2024): PACT-3D, a deep learning algorithm for pneumoperitoneum detection in abdominal CT scans. <i>Nature Communications</i> 15(1):9660. (SCI) 9. <u>Pan YJ</u>*, Yeh LL, Kuo KH (2024): Psychotropic medications and mortality from cardiovascular disease and suicide for individuals with depression in Taiwan. <i>Asian Journal of Psychiatry</i> 98:104091. (SCI).
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	10. Pan YJ, Chang SH, Lee WC, Chen YC* (2024): Medication-Seeking Behaviors and Correlated Characteristics of Zolpidem Users in Taiwan-A Shared Patient Network Analysis. <i>Healthcare</i> 12(6):660. (SCI) 11. Li JR, Yeh LL, Lin JY, Pan YJ* (2024): Medication Dosage Impact on Mortality in Old-Age Individuals with Schizophrenia: A National Cohort Study. <i>Pharmaceuticals</i> 17(1):78. 12. Pan TY, Pan YJ, Tsai SJ, Tsai CW, Yang FY* (2024): Focused Ultrasound Stimulates the Prefrontal Cortex and Prevents MK-801-Induced Psychiatric Symptoms of Schizophrenia in Rats. <i>Schizophrenia Bulletin</i> 50(1):120-131. (Pan TY and Pan YJ, contributed equally as first author to this study) 13. Lee WC, Chen CL, Pan YJ* (2023): Correlates of anxiety and depressive symptoms in inpatients with COVID-19 in Taiwan. <i>Heliyon</i> 9(10):e20679. 14. Lin CC, Yeh LL, Pan YJ* (2023): Degree of exposure to psychotropic medications and mortality in people with bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> 147(2): 186-197. 15. Pan YJ*, Yeh LL (2023): Associations between mortality and exposure to psychotropic medication: a population-based cohort study for depressive disorders. <i>Australian and New Zealand Journal of Psychiatry</i> 57(9):1253-1262. 16. Huang LH, Pan ZY, Pan YJ, Yang FY* (2023): Magnetization transfer ratio for assessing remyelination after transcranial ultrasound stimulation in the lysolecithin rat model of multiple sclerosis. <i>Cereb Cortex</i> 33(4):1403-1411. (Huang LH, Pan ZY, and Pan YJ, contributed equally as first author to this study) 17. Lin JY, Yeh LL, Pan YJ* (2023): Exposure to Psychotropic Medications and Mortality in Schizophrenia: A 5-Year National Cohort Study. <i>Psychological Medicine</i>. 53(12):5528-5537. (Lin JY, Yeh LL and Pan YJ contributed equally as first author to this study) 18. Tsai CW, Tsai SJ, Pan YJ, Lin HM, Pan TY, Yang FY* (2022): Transcranial ultrasound stimulation reverses behavior changes and the expression of calcium-binding protein in a rodent model of schizophrenia. <i>Neurotherapeutics</i> 19(2):649-659. https://doi.org/10.1007/s13311-022-01195-x. (Tsai CW, Tsai SJ, and Pan YJ, contributed equally as first author to this study) 19. Pan YJ*, Loi MX, Lan YH, Chen CL, Cheng IC (2022): Perceptions towards charcoal-burning suicide and the surge of this lethal method in Taiwan. <i>PLOS one</i> 21;17(1):e0262384. 20. Yang CY, Pan YJ, Chou Y, Yang CJ, Kao CC, Huang KC, Chang JS, Chen HC, Kuo KH* (2021): Using deep neural networks for predicting
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	age and sex in healthy adult chest radiographs. <i>Journal of Clinical Medicine</i> 10(19): 4431. (Yang CY and Pan YJ contributed equally as first author to this study) 21. Chen C, Chan HY, Yeh LL, Pan YJ* (2021): Longitudinal factors associated with mortality in older patients with mood disorders. <i>Journal of Affective Disorders</i> 278: 607-613. 22. Pan YJ*, Yeh LL, Chan HY, Chang CK* (2020): Excess mortality and shortened life expectancy in people with major mental illnesses in Taiwan. <i>Epidemiology and Psychiatric Sciences</i> 29:e156. 23. Pan YJ, Chen YC, Lu SR, Juang KD, Chen SP, Wang YF, Fuh JL, Wang SJ* (2020): The influence of friendship on migraine in young adolescents: A social network analysis. <i>Cephalalgia</i> 40(12):1321-1330. https://doi.org/10.1177/0333102420940700. 24. Chan HY, Chen JJ, Pan YJ*, Hsu CC (2020): Nicotine replacement therapy and healthy lifestyle psychoeducation for smoking reduction in acute psychiatric inpatients: a cluster-randomized parallel study. <i>Journal of Clinical Psychopharmacology</i> 40(2):149-156. 25. Pan YJ* (2019): Unmet Needs for Management of Depression. <i>The Taiwanese Journal of Psychiatry</i> 33:122-4. 26. Chang SC, Lin YJ, Pan YJ* (2019): Covert Dyskinesia Associated with Aripiprazole: A Case Report. <i>The Taiwanese Journal of Psychiatry</i> 33:172-3. 27. Pan YJ*, Kuo KH, Yeh LL (2019): Healthcare cost, service use and mortality in major psychiatric disorders in Taiwan. <i>Journal of Affective Disorders</i> 246:112-20. 28. Pan YJ*, Kuo KH, Chan HY, Yeh LL (2019): Cost-effectiveness and cost-utility analysis of outpatient follow-up frequency in relation to three-year mortality in discharged patients with bipolar disorder. <i>Psychiatry Research</i> 272:61-8. doi: 10.1016/j.psychres.2018.12.067. 29. Pan YJ, Wang WH, Huang TY, Weng WH, Fang CK, Chen YC, Hwang JJ* (2018): Quetiapine ameliorates collagen-induced arthritis in mice via the suppressions of the AKT and ERK signaling pathways. <i>Inflammation Research</i> 67(10): 847-61. 30. Hung YY, Chan HY, Pan YJ* (2017): Risk factors for readmission in schizophrenia patients following involuntary admission. <i>PLoS One</i> 12(10):e0186768. doi: 10.1371/journal.pone.0186768. eCollection 2017. 31. Pan YJ, Juang KD, Lu SR, Chen SP, Wang YF, Fuh JL, Wang SJ* (2017): Longitudinal risk factors for suicidal thoughts in depressed and non-depressed young adolescents. <i>Australian and New Zealand Journal of Psychiatry</i> 51(9): 930-7.
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	32. Pan YJ*, Yeh LL, Chan HY, Chang CK (2017): Transformation of excess mortality in people with schizophrenia and bipolar disorder in Taiwan. <i>Psychological Medicine</i> 47(14): 2483-93. 33. Chen JJ, Pan YJ*, Chan HY*, Chen CH (2017): Time to discontinuation of second-generation antipsychotics versus haloperidol and sulpiride in people with schizophrenia: a naturalistic, comparative study. <i>Journal of Clinical Psychopharmacology</i> 37(1): 13-20. 34. Kuo, KH, Tsai HH, Pan YJ, Lai YJ (2016): Central-variant posterior reversible encephalopathy syndrome related to advanced gastric adenocarcinoma. <i>Journal of Radiological Science</i> 41(4): 139-44. 35. Pan YJ*, Yeh LL, Chen YC, Chan HY* (2016): Three-year mortality in relation to early hospitalization and number of outpatient clinic visits in people with newly-diagnosed bipolar disorder. <i>General Hospital Psychiatry</i> 43: 32–7. 36. Pan YJ*, Yeh LL, Chen YC, Kuo KH, Chang CK (2016): Hospital treatment, mortality and healthcare costs in relation to socioeconomic status among people with bipolar affective disorder. <i>BJPsych Open</i> 2(1):10-17, doi: 10.1192/bjpo.bp.115.000810. 37. Kuo KH, Chang FC, Lai YJ, Pan YJ* (2016): Hyperdense artery sign, clot characteristics, and response to intravenous thrombolysis in Han Chinese people with acute large arterial infarction. <i>Journal of Stroke and Cerebrovascular Diseases</i> 25(3):695-701, doi: 10.1016/j.jstrokecerebrovasdis. 38. Pan YJ*, Pan CH, Chan HY, Kuo KH (2015): Depression and pain: an appraisal of cost effectiveness and cost utility of antidepressants. <i>Journal of Psychiatric Research</i> 63:123-31. 39. Kuo KH, Huang HL, Pan YJ, Huang CY* (2015): Carotid blowout and cerebral gas embolism related to bidirectional carotid-esophageal fistula: a serious complication of esophageal cancer under radiotherapy. <i>American Journal of Emergency Medicine</i> pii: S0735-6757(15)00592-6, doi: 10.1016/j.ajem.2015.07.036. 40. Pan YJ*, Kuo KH, Wang SJ (2015): Pharmacological treatment of depression with and without headache disorders: an appraisal of cost effectiveness and cost utility of antidepressants. <i>Journal of Affective Disorders</i> 170 (1): 255-65 41. Lai CL, Chan HY*, Pan YJ, Chen CH (2015): The effectiveness of a computer reminder system for laboratory monitoring of metabolic syndrome in schizophrenic outpatients using second-generation antipsychotics. <i>Pharmacopsychiatry</i> 48(1):25-9 42. Huang YH, Chung CY, Ou HY, Tzang, RF, Huang KY, Liu HC, Sun FJ, Chen SC, Pan YJ, Liu SI* (2015): Treatment effects of combining social skill and parent training in Taiwanese children with attention
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	deficit hyperactivity disorder. <i>Journal of the Formosan Medical Association</i> 114(3):260-7 43. Pan YJ*, Kuo KH (2014): Pharmacological treatment of depression with headache disorders: an appraisal of cost effectiveness and cost utility of antidepressants. <i>European Neuropsychopharmacology</i> 24 (Supplement 2): S451-2 44. Pan YJ*, Kuo KH, Chan HY, McCrone P (2014): Cost-effectiveness and cost-utility of selective serotonin reuptake inhibitors, serotonin norepinephrine reuptake inhibitors, and tricyclic antidepressants in depression with comorbid cardiovascular disease. <i>Journal of Psychiatric Research</i> 54(7): 70-8 45. Pan YJ*, Knapp M, McCrone P (2014): Impact of initial treatment outcome on long-term costs of depression: a 3-year nationwide follow-up study in Taiwan. <i>Psychological Medicine</i> 44(6): 1147-58 46. Kuo KH, Pan YJ, Lai YJ, Cheung WK, Chang FC*, Jarosz J (2014): Dynamic MR imaging patterns of cerebral fat embolism: a systematic review with illustrative cases. <i>American Journal of Neuroradiology</i> 35(6):1052-7 47. Pan YJ, Wu CS, Gau SSF, Chan HY*, Banerjee S (2014): Antipsychotic discontinuation in patients with dementia: a systematic review and meta-analysis of published randomized controlled studies. <i>Dementia and Geriatric Cognitive Disorders</i> 37:125–40 48. Pan YJ, Tseng HH, Liu SK* (2013): Affect recognition across manic and euthymic phases of bipolar disorder in Han-Chinese patients. <i>Journal of Affective Disorders</i> 151(2): 791-4 49. Pan YJ, Liu SK*, Yeh LL (2013): Factors affecting early attrition and later treatment course of antidepressant treatment of depression in naturalistic settings: an 18-month nationwide population-based study. <i>Journal of Psychiatric Research</i> 47(7):916-25 50. Pan YJ, Chang WH, Lee MB*, Chen CH, Liao SC, Caine ED (2013): Effectiveness of a nationwide aftercare program for suicide attempters. <i>Psychological Medicine</i> 43(7): 1447-1454 51. Pan YJ, Cheng IC, Yeh LL, Cho YM, Feng J* (2013): Utilization of traditional Chinese medicine in patients treated for depression: a population-based study in Taiwan. <i>Complementary Therapies in Medicine</i> 21(3):215-23 52. Pan YJ, Knapp M, Yeh LL*, Chen YP, McCrone P (2013): Treatment costs for depression with pain and cardiovascular comorbidities. <i>Journal of Psychiatric Research</i> 47(3): 329-36 53. Pan YJ, Stewart R, Chang CK* (2013): Socioeconomic disadvantage, mental disorders and risk of 12-month suicide ideation and attempt in
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	the National Comorbidity Survey Replication (NCS-R) in US. <i>Social Psychiatry and Psychiatric Epidemiology</i> 48(1): 71-9
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