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Center for Neuropsychiatric Research,
National Health Research Institutes, Taiwan

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EDUCATION**Harvard Chan School of Public Health**

Boston, MA, USA

- ScD, Department of Epidemiology

2018

Major: Epidemiology; Minor: Biostatistics and Genetic Epidemiology

Johns Hopkins Bloomberg School of Public Health

Baltimore, MD, USA

- MHS, Department of Mental Health

2013

Harvard School of Public Health

Boston, MA, USA

- M.S., Department of Epidemiology

2012

National Yang-Ming University

Taipei, Taiwan

- M.D., School of Medicine

2004

CLINICAL TRAINING**Taipei City Psychiatric Center**

Taipei, Taiwan

- Resident and Chief Resident in Psychiatry

2004-2008

PROFESSIONAL APPOINTMENTS**National Health Research Institutes**

Miaoli, Taiwan

- Associate Investigator Attending Physician, Center for Neuropsychiatric Research
- Assistant Investigator Attending Physician, Center for Neuropsychiatric Research

2024-Present

2019-2024

National Cheng Kung University

Tainan, Taiwan

- Adjunct Assistant Professor, Institute of Behavioral Medicine

2021-Present

National Yang Ming Chiao Tung University

Taipei, Taiwan

- Adjunct Assistant Professor, Department of Public Health and Medical Humanities

2019-Present

National Cheng-Chi University

Taipei, Taiwan

- Adjunct Assistant Professor, Department of Psychology

2018-2019

Taipei City Psychiatric Center

Taipei, Taiwan

- Attending Psychiatrist, Department of Psychiatry

2017-2019

En Chu Kong Hospital

Taipei, Taiwan

- Attending Psychiatrist, Department of Psychiatry

2008-2010

OTHER RESEARCH TRAINING**Massachusetts General Hospital**

- Graduate Research Fellow, Psychiatric & Neurodevelopmental Genetics Unit

Boston, MA, USA

2015-2018

National Institute of Aging

- Visiting Researcher, Laboratory of Epidemiology and Population Science

Bethesda, MD, USA

2016

Icelandic Heart Association Research Institute

- Visiting Researcher, AGES Reykjavik Study

Kópavogur, Iceland

2016

JOURNAL PUBLICATIONS

1. Chen TT, Chen CY, Liu CY, Lee J, Ganna A, Feng YA, **Lin YF***. Genetic architectures of childhood maltreatment and causal influence of childhood maltreatment on health outcomes in adulthood. *Mol Psychiatry*. 2025 Feb 20. doi: 10.1038/s41380-025-02928-y. (2023 IF=9.6; *PSYCHIATRY* 6/279, 2.15%)
2. Lin SC, Lin SH, Ge T, Chen CY, **Lin YF***. Causal Mediation Analysis: A Summary-Data Mendelian Randomization Approach. *Stat Med*. 2025 Feb 28;44(5):e10317. doi: 10.1002/sim.10317. (2023 IF=1.8, *STATISTICS & PROBABILITY* 32/168, 19.05%)
3. Wu SG, Ho CC, Yang JC, Yu SH, **Lin YF**, Lin SC, Liao BC, Yang CY, Lin YT, Yu CJ, Chuang YT, Liao WY, Yap KY, Kou WS, Shih JY. Atezolizumab, bevacizumab, pemetrexed and platinum for EGFR-mutant NSCLC patients after EGFR TKI failure: A phase II study with immune cell profile analysis. *Clin Transl Med*. 2025 Jan;15(1):e70149. (2023 IF=7.9; *MEDICINE, RESEARCH & EXPERIMENTAL* 18/189, 9.52%)
4. Fan HY, Tsai MC, Lai CJ, Yeh CL, Hsu HY, Lai PJ, Hsu HC, Su TC, Lin HJ, **Lin YF**, Lu TP, Chien KL. Genetic Variants in Severe Hypertriglyceridemia Among Taiwanese Participants - Insights From Genome-Wide Association and Whole-Exome Sequencing Analyses. *Circ J*. 2024 Dec 11. doi: 10.1253/circj.CJ-24-0491. (2023 IF=3.1; *CARDIAC & CARDIOVASCULAR SYSTEMS* 68/222, 30.63%)
5. Wu CS, Hsu CL, Lin MC, Su MH, **Lin YF**, Chen CY, Hsiao PC, Pan YJ, Chen PC, Huang YT, Wang SH. Association of polygenic liabilities for schizophrenia and bipolar disorder with educational attainment and cognitive aging. *Transl Psychiatry*. 2024 Nov 16;14(1):472. (2023 IF=5.8; *PSYCHIATRY* 25/279, 8.96%)
6. Wu JY, Tsai YY, Chen YJ, Hsiao FC, Hsu CH, **Lin YF**, Liao LD. Digital transformation of mental health therapy by integrating digitalized cognitive behavioral therapy and eye movement desensitization and reprocessing. *Med Biol Eng Comput*. 2024 Oct 14. (2023 IF=2.6; *COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS* 82/170, 48.24%)
7. Hsu YC, Su MH, Chen CY, **Lin YF**, Wang SH. Associations of Polygenic Risk for Depression, Traditional Chinese Medicine Constitution, and Depression: A Population-Based Study in Taiwan. *Am J Med Genet B Neuropsychiatr Genet*. 2024 Sep 10:e33007. (2023 IF=1.6; *GENETICS & HEREDITY* 144/191, 75.40%)
8. Yuan K, Longchamps RJ, Pardiñas AF, Yu M, Chen TT, Lin SC, Chen Y, Lam M, Liu R, Xia Y, Guo Z, Shi W, Shen C; Schizophrenia Workgroup of Psychiatric Genomics Consortium; Daly MJ, Neale BM, Feng YA, **Lin YF**, Chen CY, O'Donovan MC, Ge T, Huang H. Fine-mapping across diverse ancestries drives the discovery of putative causal variants underlying human complex traits and diseases. *Nat Genet*. 2024 Sep;56(9):1841-1850. (2023 IF=31.8; *GENETICS & HEREDITY* 2/191, 1.05%)
9. Chen TT, Kim J, Lam M, Chuang YF, Chiu YL, Lin SC, Jung SH, Kim B, Kim S, Cho C, Shim I, Park S, Ahn Y, Okbay A, Jang H, Kim HJ, Seo SW, Park WY, Ge T, Huang H, Feng YCA, **Lin YF***, Myung W*, Chen CY*, Won HH*. Shared genetic architectures of educational attainment in East Asian and European populations. *Nat Hum Behav*. 2024 Mar;8(3):562-575. (2023 IF = 22.3; *NEUROSCIENCES* 2/310, 0.64%)
10. Lai RY, Su MH, **Lin YF**, Chen CY, Pan YJ, Hsiao PC, Chen PC, Huang YT, Wu CS, Wang SH. Relationship between mood disorders and substance involvement and the shared genetic liabilities: A population-based

- study in Taiwan. *J Affect Disord*. 2024 Jan 15;345:168-176. (2023 IF =4.9; PSYCHIATRY 38/279, 13.62%)
11. Chen CY*, Chen TT, Feng YCA*, Yu M, Lin SC, Longchamps RJ, Wang SH, Hsu YH, Yang HI, Kuo PH, Daly MJ, Chen WJ, Huang H *, Ge T*, **Lin YF***. Analysis across Taiwan Biobank, Biobank Japan, and UK Biobank identifies hundreds of novel loci for 36 quantitative traits. *Cell Genomics*. 2023 Dec 13; 3(12): 100436. (2023 IF = 11.1; GENETICS & HEREDITY 7/191, 3.66%)
 12. Chiu YW, Su MH, **Lin YF**, Chen CY, Chen TT, Wang SH. Causal influence of sleeping phenotypes on the risk of coronary artery disease and sudden cardiac arrest: A Mendelian randomization analysis. *Sleep Health*. 2023 Oct; 9(5):726-732. (2022 IF =4.1; CLINICAL NEUROLOGY 63/212, 29.72%)
 13. Campos AI, Namba S, Lin SC, Nam K, Sidorenko J, Wang H, Kamatani Y, Biobank Japan Project; Wang LH, Lee S, **Lin YF**, Feng YA, Okada Y, Visscher PM, Yengo L. Boosting the power of genome-wide association studies within and across ancestries by using polygenic scores. *Nat Genet*. 2023 Oct;55(10):1769-1776. (2022 IF =30.8; GENETICS & HEREDITY 2/171, 1.17%)
 14. Huang CY, **Lin YF**, Chen CR, Lin SK. Post-therapy plasma concentrations of quetiapine in Taiwanese patients. *Neuropsychopharmacol Rep*. 2023 Jan 16; 43(1):50-56. (2022 IF =2.5; NEUROSCIENCES 240/306, 78.43%)
 15. Wang Y, Namba S, Lopera E, Kerminen S, Tsuo K, Läll K, ... Chen TT, ..., **Lin YF**, ... & UCLA ATLAS Community Health Initiative. Global Biobank analyses provide lessons for developing polygenic risk scores across diverse cohorts. *Cell Genomics*. 2023 Jan 4; 3(1): 100241. (2023 IF = 11.1; GENETICS & HEREDITY 7/191, 3.66%)
 16. Liao SF, Su CY, Su MH, Chen CY, Chen CY, **Lin YF**, Pan YJ, Hsiao PC, Chen PC, Huang YT, Wu CS, Wang SH. Associations of polygenic risks, depression, and obesity-related traits in Taiwan Biobank. *J Affect Disorders*. 2023 Jan 1;320:397-403. (2022 IF =6.6; CLINICAL NEUROLOGY 23/212, 10.85%)
 17. **Lin YF**, Chou WH, Liu TH, Fang CP, Kuo HW, Kuo PH, Tsai SJ, Wang SC, Chung RH, Tsou HH, Chen ACH, Liu YL. Splice-site variants in the gene encoding GABA-A receptor delta subunit are associated with amphetamine use in patients under methadone maintenance treatment. *Int J Mol Sci*. 2022 Dec 31; 24(1):721. (2022 IF = 5.6; BIOCHEMISTRY & MOLECULAR BIOLOGY 66/285, 23.16%)
 18. Kanai M, Elzur R, Zhou W, Wu KHH, Rasheed H, Tsuo, K., ... Chen TT, ..., **Lin YF**, ... & Biobank of the Americas. Meta-analysis fine-mapping is often miscalibrated at single-variant resolution. *Cell Genomics*. 2022 Dec 14;2(12): 100210. (2023 IF = 11.1; GENETICS & HEREDITY 7/191, 3.66%)
 19. Chen TT, Chen CY, Fang CP, Cheng YC, **Lin YF***. Causal influence of dietary habits on the risk of major depressive disorder: A diet-wide Mendelian randomization analysis. *J Affect Disord*. 2022 Dec 15;319:482-489. (2022 IF =6.6; CLINICAL NEUROLOGY 23/212, 10.85%)
 20. Feng YCA, Chen CY, Chen TT, Kuo PH, Hsu YH, Yang HI, Chen WJ, Su MW, Chu HW, Shen CY, Ge T, Huang H, **Lin YF***. Taiwan Biobank: A rich biomedical research database of the Taiwanese population. *Cell Genomics*. 2022 Nov 9;2(11):100197. (2023 IF = 11.1; GENETICS & HEREDITY 7/191, 3.66%)
 21. Zhou W, Kanai M, Wu KHH, Rasheed H, Tsuo K, Hirbo JB, ..., **Lin YF**, & Study, COH. Global Biobank Meta-analysis Initiative: Powering genetic discovery across human disease. *Cell Genomics*. 2022 Oct 12;2(10):100192. (2023 IF = 11.1; GENETICS & HEREDITY 7/191, 3.66%)
 22. Su MH, Lai RY, **Lin YF**, Chen CY, Feng YA, Hsiao PC, Wang SH. Evaluation of the causal relationship between smoking and schizophrenia in East Asia. *Schizophrenia (Heidelb)*. 2022 Sep 9;8(1):72. (2022 IF =5.4; PSYCHIATRY 45/155, 29.03%)
 23. Wang SH, Su MH, Chen CY, **Lin YF**, Feng YCA, Hsiao PC, Pan YJ, Wu CS. Causality of abdominal obesity on cognition: a trans-ethnic Mendelian Randomization study. *Int J Obes (Lond)*. 2022 Aug;46(8):1487-1492. (2022 IF =4.9; ENDOCRINOLOGY & METABOLISM 39/145, 26.90%)
 24. Ruan Y, **Lin YF**, Feng YA, Chen CY, Lam M, Guo Z; Stanley Global Asia Initiatives; He L, Sawa A, Martin AR, Qin S, Huang H, Ge T. Improving polygenic prediction in ancestrally diverse populations. *Nat Genet*. 2022 Aug;54(8):1259. (2022 IF =30.8; GENETICS & HEREDITY 2/171, 1.17%)

25. Ge T, Irvin MR, Patki A, Srinivasasainagendra V, **Lin YF**, Tiwari HK, Armstrong ND, Benoit B, Chen CY, Choi KW, Cimino JJ, Davis BH, Dikilitas O, Etheridge B, Feng YA, Gainer V, Huang H, Jarvik GP, Kachulis C, Kenny EE, Khan A, Kiryluk K, Kottyan L, Kullo IJ, Lange C, Lennon N, Leong A, Malolepsza E, Miles AD, Murphy S, Namjou B, Narayan R, O'Connor MJ, Pacheco JA, Perez E, Rasmussen-Torvik LJ, Rosenthal EA, Schaid D, Stamou M, Udler MS, Wei WQ, Weiss ST, Ng MCY, Smoller JW, Lebo MS, Meigs JB, Limdi NA, Karlson EW. Development and validation of a trans-ancestry polygenic risk score for type 2 diabetes in diverse populations. *Genome Med.* 2022 Jun 29;14(1):70. (2022 IF =12.3; GENETICS & HEREDITY 5/171, 2.92%)
26. Su MH, Shih YH, **Lin YF**, Chen PC, Chen CY, Hsiao PC, Pan YJ, Liu YL, Tsai SJ, Kuo PH, Wu CS, Huang YT, Wang SH. Familial aggregation and shared genetic loading for major psychiatric disorders and type 2 diabetes. *Diabetologia.* 2022 May;65(5):800-810. (2022 IF = 8.2; ENDOCRINOLOGY & METABOLISM 13/145, 8.97%)
27. **Lin YF**, Chen PY, Liu HC, Chen YL, Chou WH, Huang MC. Shortened leukocyte telomere length in young adults who use methamphetamine. *Transl Psychiatry.* 2021 Oct 9;11(1):519. (2021 IF = 7.989; PSYCHIATRY 24/155, 15.48%)
28. Chou PH#, **Lin YF**#, Lu MK, Chang HA, Chu CS, Chang WH, Kishimoto T, Sack AT, Su KP. Personalization of repetitive transcranial magnetic stimulation for the treatment of major depressive disorder according to the existing psychiatric comorbidity. *Clin Psychopharmacol Neurosci.* 2021; 19(2): 190-205 (#equal contribution as co-first authors) (2021 IF = 3.731; NEUROSCIENCES 208/306, 67.97%)
29. **Lin YF***. Methodology in the GBD study of China. *Lancet.* 2020 Jul;396(10243):25-26. (2020 IF = 79.323; MEDICINE, GENERAL & INTERNAL 2/167, 1.20%)
30. **Lin YF**, Smith AV, Aspelund T, Betensky RA, Smoller JW, Gudnason V, Launer LJ, Blacker D*. Genetic overlap between vascular pathologies and Alzheimer's dementia and potential causal mechanisms. *Alzheimers Dement.* 2019 Jan;15(1):65-75. (2019 IF = 17.127; CLINICAL NEUROLOGY 4/199, 2.01%)
31. Lin SK*, **Lin YF**, Yang SY, He YL, Kato TA, Hayakawa K, Park Y, Sim K, Chiu HFK, Xiang Y, Chong MY, Tan CH, Inada T, Shinfuku N. Comparison of the defined daily dose and chlorpromazine equivalent methods in antipsychotic drug utilization in six Asian countries. *Neuropsychiatry (London).* 2018; 8(6), 1847–1852.
32. **Lin YF***, Chen CY, Öngür D, Betensky R, Smoller JW, Blacker D, Hall MH. Polygenic pleiotropy and potential causal relationships between educational attainment, neurobiological profile, and positive psychotic symptoms. *Transl Psychiatry.* 2018 May 16;8(1):97.
33. Chang YS, Trivedi MK, Jha A, **Lin YF**, Dimaano L, García-Romero MT*. Synbiotics for Prevention and Treatment of Atopic Dermatitis: A Meta-analysis of Randomized Clinical Trials. *JAMA Pediatr.* 2016 Mar 1;170(3):236-242.
34. **Lin YF**, Huang MC, Liu HC*. Glycogen Synthase Kinase 3 β gene polymorphisms may be associated with bipolar I disorder and its response to lithium treatment. *J Affect Disord.* 2013 May;147(1-3):401-6.
35. Wang SC, Tsou HH, Chen CH, Chen YT, Ho IK, Hsiao CF, Chou SY, **Lin YF**, Fang KC, Huang CL, Su LW, Fang YC, Liu ML, Wu HY, Lin KM, Liu SC, Kuo HW, Chiang IC, Chen ACH, Tian JN, Liu YL*. Genetic polymorphisms in the opioid receptor mu1 gene are associated with changes in libido and insomnia in methadone maintenance patients. *Eur Neuropsychopharmacol.* 2012 Oct;22(10):695-703.
36. Chen CH, Wang SC, Tsou HH, Ho IK, Tian JN, Yu CJ, Hsiao CF, Chou SY, **Lin YF**, Fang KC, Huang CL, Su LW, Fang YC, Liu ML, Lin KM, Hsu YT, Liu SC, Chen ACH, Liu YL*. Genetic polymorphisms in CYP3A4 are associated with withdrawal symptoms and adverse reactions in methadone maintenance patients. *Pharmacogenomics.* 2011 Oct; 12(10):1397-406.

BOOK CHAPTERS

1. Chung AN, Chen TT, **Lin YF***. Genetics of Antidepressant Response and Treatment Resistant Depression. In: *Treatment-Resistant Depression, Progress in Brain Research.* 2023 Mar 2; 278:25-60. Elsevier. ISBN: 9780323957786. (<https://doi.org/10.1016/bs.pbr.2023.01.002>)

SELECTED CONFERENCE PRESENTATIONS

1. **Lin YF**, Chen TT, Chen CY. Genetic architecture of childhood maltreatment and its relationships with health outcomes. The 63th Congress of Taiwan Society of Psychiatry, Taipei, Nov 2-3, 2024. (Best poster)
2. **Lin YF**, Hsu CL, Huang MC. Polygenic risk scores indicates genetic overlap between methamphetamine use and other psychiatric disorders. World Congress of Psychiatric Genetics (WCPG), Singapore, October 15-19, 2024.
3. Lin SC, **Lin YF**, Chen MH, Tsai SJ. Genetic Predictors of Ketamine Treatment Efficacy in East Asian Patients with Treatment-Resistant Depression: A Polygenic Score Analysis. World Congress of Psychiatric Genetics (WCPG), Singapore, October 15-19, 2024. (Oral presentation)
4. Wang LH, Shih MY, **Lin YF**, Kou PH, Feng YCA. Polygenic dissection of the genetic architecture of treatment-resistant depression in the UK Biobank. World Congress of Psychiatric Genetics (WCPG), Singapore, October 15-19, 2024. (Oral presentation)
5. **Lin YF**, Lin SC. Causal relationships between structural brain imaging markers in adolescence and psychiatric disorders in adulthood. The 35th CINP World Congress, Tokyo, May 23-26, 2024.
6. Chung AN, **Lin YF**, Huang MC. Associations between genetic liability to attention deficit hyperactivity disorder and methamphetamine use. The 35th CINP World Congress, Tokyo, May 23-26, 2024.
7. **YF Lin**. Polygenic prediction of antidepressant treatment response and treatment-resistant depression. *The 62th Congress of Taiwan Society of Psychiatry*, Taichung. Nov 4-5, 2023. (Oral presentation)
8. **YF Lin**. Polygenic risk scores indicates genetic overlap between schizophrenia and methamphetamine-induced psychosis. *The 62th Congress of Taiwan Society of Psychiatry*, Taichung. Nov 4-5, 2023. (Oral presentation)
9. Chung AN, **Lin YF**, Huang MC. Potential Genetic Overlap Between Methamphetamine Abuse and Attention Deficit Hyperactivity Disorder: Preliminary Findings from one Psychiatric Hospital. The 62th Congress of Taiwan Society of Psychiatry, Taichung. Nov 4-5, 2023. (Best poster)
10. **YF Lin**, S. Lin, P. Kuo, S. Tsai, Y. Liu. Multi-polygenic score approach to predicting antidepressant treatment outcomes. The 34rd CINP World Congress of Neuropsychopharmacology, Canada May 7-10, 2023. 2023-A-607-CINP.
11. **Lin YF**, Hsu CL, Huang MC. Polygenic risk scores indicates genetic overlap between methamphetamine use and other psychiatric disorders. The 33rd CINP World Congress of Neuropsychopharmacology, Taipei, OA117, June 9-13, 2022. (Oral presentation)
12. **Lin YF**, Chen CY, Chen TT, Feng YCA, Longchamps RJ, Lin SC, Daly MJ, Chen WJ, Huang H, Ge T. Analysis across Taiwan Biobank, Biobank Japan and UK Biobank identifies hundreds of novel loci for 36 quantitative traits. ASHG 2021 Virtual Meeting. Oct. 18-22. (Platform oral presentation)
13. Yuan K, Chen TT, Lin SC, Longchamps R, Pardinas A, Lam M, Chen CY, Feng, YCA, **Lin YF**, Ge T, Huang HL. Fine-mapping across diverse ancestries drives the discovery of putative causal variants underlying human complex traits and diseases. *2021 World Congress of Psychiatric Genetics (WCPG)*. October 11-15, 2021. *European Neuropsychopharmacology*. 2021 Oct;51:E68.
14. Liu CY, Wu, CS, Hsu CL, Kuo PH, **Lin YF**. Predicting early antidepressant treatment response based on multiple genetic liability. *2021 World Congress of Psychiatric Genetics (WCPG)*. October 11-15, 2021. *European Neuropsychopharmacology*. 2021 Oct;51:E159.
15. **Lin YF**, Chen TT. Genome-wide association study of educational attainment in Taiwanese population and its genetic correlation with schizophrenia. 2021 TSBPN Annual Congress. Oct 5, 2021 (Best poster award)
16. **Lin YF**, Liu TH, Fang CP, Liu YL. Genetic variants on GABAA receptor delta subunit are associated with amphetamine use in heroin dependent patients under methadone maintenance treatment. *CINP 2021 Virtual World Congress*. Feb 26-28, 2021.

17. Fang CP, Liu TH, Chung RH, Tsou HH, Kuo HW, Wang SC, Liu SC, Chen ACH, **Lin YF**, Liu YL. Genetic variants in NECTIN4 encoding an adhesion molecule are associated with methadone dose and skin irritation. *CINP 2021 Virtual World Congress*. Feb 26-28, 2021.
18. **Lin YF**, Chen CR, Lin SK. Prediction of plasma levels of quetiapine and its metabolites in Taiwanese psychiatric patients. *6th Congress of AsCNP*, Fukuoka, Japan. October 11-13, 2019.
19. **Lin YF**, Liu HC, Huang MC. Association between methamphetamine use and leukocyte telomere length. *WFSBP Asia Pacific Regional Congress of Biological Psychiatry*, Kobe, Japan. Sep 7-9, 2018. (oral presentation)
20. **Lin YF**. Using cross-trait polygenic risk score analysis to examine the genetic overlap between two different phenotypes. (Symposium organizer: Polygenic view on the psychiatric disorders and the clinical implications). *The 56th Congress of Taiwan Society of Psychiatry*, Tainan. Nov 4-5, 2017.
21. **Lin YF**, Chen CY, Blacker D, Öngür D, Hall MH. Polygenic pleiotropy and potential causal relationships between neurobiological profile for psychosis, higher cognitive ability, and positive psychotic symptoms. *2017 Annual Meeting of Society of Biological Psychiatry*. San Diego. May 18-20, 2017.
22. **Lin YF**, Chen CY, Cohen BM, Levy DL, Öngür D, Hall MH. Genome-wide association analyses of bio-classes of electroencephalogram features for schizophrenia and bipolar disorders. *2015 World Congress of Psychiatric Genetics*, Toronto. Oct 16-21, 2015.
23. Chen YW, Wu CP, Chiu YH, Chang AY, Chen CH, Feng YC, Lin SH, Sheu YH, **Lin YF**. Racial differences in suicide deaths after cancer diagnosis: A SEER-based analysis of 2,336,949 patients. *2015 Palliative Care in Oncology Symposium*, Boston. Oct 9-10, 2015.
24. Chen YW, Chang AY, Chen CH, Chiu YH, Feng YC, Lin SH, Sheu YH, **Lin YF**. Determinants for no definitive therapy for early-stage non-small cell lung cancer in U.S. population. *2015 ASCO Annual Meeting*, Chicago, Illinois. May 29-June 2, 2015.
25. Lin L, **Lin YF**. Risperidone associated with non-thrombocytopenic purpura. *The 2nd World Congress of Asian Psychiatry*, Taipei. Nov 7-9, 2009.
26. Lin SK, **Lin YF**. An exploratory study on the clinical usage of amisulpride in a psychiatric hospital in Taiwan. *2009 APA Annual Meeting* in San Francisco, CA, May 16-21, 2009.

NON-RESEARCH PUBLICATIONS

1. Learning Cognitive-Behavior Therapy: an illustrated guide, by Wright J, Basco M, Thase M. (translation from English to Chinese; co-translator with Chen HC)

SELECTED INVITED TALKS

1. Invited speaker: Genetic analysis of quantitative traits in the Taiwan Biobank. PRECISE-IHCC Conference. August 22, 2024
2. Symposium speaker: Polygenic Prediction of Antidepressant Treatment Response. 2024 Biomedical Research Symposium of National Health Research Institutes. July 31, 2024
3. Invited speaker: Current advances in research and clinical applications of genetic testing in psychiatry. Seminar, Department, Social, Genetic & Developmental Psychiatry Centre, King's College London. April 18, 2023
4. Invited speaker: Analysis across Taiwan Biobank, Biobank Japan and UK Biobank identifies hundreds of novel loci for 36 quantitative traits. Seminar, Institute for Molecular Bioscience, University of Queensland. Aug. 26, 2022
5. Keynote speaker: Current advances in research and clinical applications of genetic testing in psychiatry. *Taiwanese Society of Psychiatry 2022 Spring Congress*. April 23, 2022
6. Invited speaker: Genetic analysis of quantitative traits in the Taiwan Biobank. *International Common Disease Alliance (ICDA) 2022 Virtual Scientific Plenary*. March 8, 2022

HONORS AND AWARDS

- NHRI Young Scientist Award (國衛院年輕學者研究獎) 2025
- Best Poster Award, Taiwan Society of Psychiatry 2024
- NSTC International Outstanding Young Scholars Grant (國科會國際年輕傑出學者) 2024
- Dr. Paul Janssen Research Award, TSBPN 2022
- Teaching Excellence Awards, National Yang Ming Chiao Tung University 2020-2024
- Harvard Dissertation Completion Fellowship, Harvard University 2017-2018
- Rose Traveling Fellowship in Chronic Disease Epidemiology and Biostatistics, 2015-2016
- HSPH Central Grant, Harvard University 2013-2017
- Lewis Hackett Endowment Scholarship, Harvard University 2013
- The MOE Technologies Incubation Scholarship, Ministry of Education, Taiwan 2013-2016
- Delta Omega Honor Society Alpha Chapter, Johns Hopkins School of Public Health 2013

ACADEMIC SERVICES AND LEADERSHIP

- Charter Member, Asian Biobank Alliance (2024-present)
- Secretary General, Taiwanese Society of Biological Psychiatry and Neuropsychopharmacology (2024-present)
- Evaluation Committee, Psychiatry, Geriatric Medicine, and Family Medicine Division, NSTC (國科會計畫複審委員) (2024, 2025)
- Editorial Board, Scientific Reports (2024-present)
- PI, COVID Global Mental Health Consortium (2022-present)
- Evaluation Committee, Postdoctoral Fellowships – Clinician Scientist Fellowships, Health Research Board, Ireland (2022)
- Secretary General, Association of Taiwanese Psychiatric Clinics (2022-present)
- Topic Editor, TMS mapping - applications and future directions, Frontiers in Neuroscience (2022)
- Special Issue Guest Editor, Population Neuroscience, Neuroimage (2022)
- Lead PI, Global Biobank Meta-analysis Initiative (2021-present)

AWARDS WON BY LAB TRAINEES

- 清華-國衛院聯合國際學術研討會論文口頭報告競賽第二名-葉珏均博士生 (2023)
- 台灣精神醫學會年會優秀壁報獎-鍾安妮醫師 (2023)
- 國衛院優秀助理選拔佳作-方秋萍研究助理 (2022)
- NHRI Research Day 優秀壁報獎-林書勤博士後研究員 (2022)
- 國衛院優秀助理選拔-方秋萍研究助理 (2022)

TEACHING EXPERIENCE

SCHOOL COURSES

- Psychiatry and the Society (2018-present)
School of Medicine, National Yang Ming Chiao Tung University, Taiwan. (medical students)
- Clinical Psychopathology (2020-present)
Institute of Behavioral Medicine, National Cheng Kung University, Taiwan. (graduate students)
- Special Topics on Psychological Treatments (2020-present)
Institute of Behavioral Medicine, National Cheng Kung University, Taiwan. (graduate students)
- Clinical Psychopharmacology (2018-2019)
Department of Psychology, National Cheng-Chi University, Taiwan. (graduate students)

WORKSHOPS

- GWAS: Theory and Practice.
Genomic Epidemiology Workshop, Academia Sinica, Taiwan. 2015, 2016, 2017, 2018, 2019, 2023, 2024.

ADVISING

POST-DOCTORAL RESEARCH FELLOWS

- Hsien-Yu Fan, PhD (2023-2024)
Assistant Professor, School of Nutrition and Health Science, Taipei Medical University
- Shu-Chin Lin, PhD (2020-2024)
Assistant Professor, Institute of Statistics and Data Science, National Taiwan University
- Tzu-Ting Chen, PhD (2019-present)

DOCTORAL STUDENTS

- Ding-Lien Wang (2023-present) , National Defense Medical Center (co-advising)
- Chueh-Chun Yeh (2022-present) ,College of Life Science, National Tsing Hua University

THESIS COMMITTEE

- Chia-Ni Hsiung (2024), Precision Medicine PhD Program, National Tsing Hua University
- Ling-Hua Wang (2023), Institute of Epidemiology and Preventive Medicine, National Taiwan University
- Chun-Yun Su (2021), Department of Public Health, China Medical University
- Ya-Wen Jen (2021), Institute of Epidemiology and Preventive Medicine, National Taiwan University
- Wan-Rong Lin (2021), Institute of Epidemiology and Preventive Medicine, National Taiwan University
- Chia-Lin Hsu (2020), Department of Public Health, China Medical University
- Ying-Hsiu Shih (2020), Department of Public Health, China Medical University
- Tzu-Chen Yeh (2019), Department of Public Health, China Medical University

RESEARCH GRANTS

Principal Investigator (ACTIVE)

- The Neurochemistry of Dopamine Systems in Amphetamines: Bridging Imaging Genetics with Genetic Neuropathology (Jan. 2025- Dec. 2028)
Funder: National Health Research Institutes, Taiwan 國衛院整合性醫藥衛生科技研究計畫 (NHRI-EX114-11420NC: \$4,000,000)
- Leading International Collaboration in Precision Medicine for MDD: A Novel Genomic-Epigenomic Approach with Clinical, Consortium, and Biobank Data. (Aug. 2024- Jul. 2028)
Funder: National Science and Technology Council, Taiwan 國科會國際年輕傑出學者研究計畫 (NSTC 113-2628-B-400-002- : 1st year : \$5,000,000, 2nd-4th years : TBD)
(NSTC 113-2811-B-400 -038 -: 1st year : \$986,098, 2nd-4th years : TBD) for postdoc
- Development of a clinical and genomic database and genome-wide association analysis for methamphetamine use disorders. (Jan. 2024- Dec. 2027)
Funder: National Health Research Institutes, Taiwan 國衛院綱要計畫 (NP-113-PP-09: 1st year: \$850,000, 2nd-3rd years: TBD)

- 晶創計畫—新世代腦神經介面系統驅動肢體提升人類身心健康 (Jan. 2024- Dec. 2028)
Funder: Ministry of Economic Affairs, Taiwan 經濟部生醫晶片前瞻技術及系統開發計畫
(1st year: \$3,000,000, 2nd year: \$3,000,000, 3rd-5th years: TBD)

- 全齡健康計畫—創傷壓力之數位心理治療應用開發驗證 (Jan. 2024- Dec. 2026)
Funder: Ministry of Economic Affairs, Taiwan 經濟部數位醫療技術與產品開發計畫
(1st year: \$200,000, 2nd year: \$200,000, 3rd year : TBD)

- International evaluation of modifiable social determinants of health on COVID-related mental health outcomes. (Apr. 2023- Mar. 2026)
Funder: NIH/NIMH, USA, Sub-award PI
(1R01MH134638-01: US\$56,052)

Principal Investigator (COMPLETED)

- Using comprehensive healthcare and genome-wide genetic information to optimize the selection of antidepressant medications. (Aug. 2021- Jul. 2024)
Funder: Ministry of Science and Technology, Taiwan 科技部專題研究計畫
(MOST 110-2314-B-400 -028 -MY3 : \$3,420,000)
(MOST 110-2811-B-400-513: \$944,471, MOST 112-2811-B-400-034: \$913,164) for postdoc

- Prognosis-associated factors of coerced addiction treatment for methamphetamine users. (Sep. 2019- Dec. 2023)
Funder: National Health Research Institutes, Taiwan 國衛院綱要計畫
(NP-108-PP-14: \$625,000 ; NP-109-PP-09: \$2,500,000; NP-110-PP-09: \$2,569,000;
NP-111-PP-09: \$1,300,000)

- The next generation of multi-indication TMS transcranial magnetic stimulation system. (Jan. 2023- Dec. 2023)
Funder: Metal Industries Research & Development Centre, Taiwan 經濟部法人科專計畫
(12D6-NP01: \$2,000,000)

- Dr. Kudo's Psychiatric Detective Agency. (Jul. 2021- Jun. 2023)
Funder: Ministry of Science and Technology, Taiwan 科技部科普產品製播推廣產學合作計畫
(MOST 110-2515-S-400-002-MY2 : \$7,500,000)

- A genome-wide polygenic approach to methamphetamine use and methamphetamine-induced psychosis: genetic etiology, cross-trait polygenic overlap, and potential causal relationships. (May 2020- Apr. 2021)
Funder: Ministry of Science and Technology, Taiwan 科技部專題研究計畫
(MOST 109-2314-B-400-017- : \$1,130,000)

- Association between methamphetamine use and leukocyte telomere length. (Jan. 2019- Dec. 2019)
Funder: Department of Health, Taipei City Government, Taiwan 臺北市政府衛生局統籌款補助計畫
(10801-62-040: \$649,596)

Co-Principal Investigator (ACTIVE)

- 利用 ECoG-LSCI 系統評估重複經顱磁刺激於第 2 型糖尿病大鼠腦中的神經保護效果(Aug. 2024- Jul. 2025)

Funder: National Science and Technology Council, Taiwan
(NSTC 113-2221-E-400-003-)

- Core molecular and neural mechanisms of treatment-resistant depression (TRD) & novel treatment: combining clinical trials, animal experiments, gene and family follow-up research. (Sep. 2022- Aug. 2025)

Funder: National Science and Technology Council, Taiwan
(NSTC 111-2314-B-075-085 -MY3)

Co-Principal Investigator (COMPLETED)

- Differential patterns of corticostriatal dysconnectivity and disrupted white matter integrity between methamphetamine-induced psychosis and schizophrenia: a three-year follow-up study. (Aug. 2020- Jul. 2024)

Funder: Ministry of Science and Technology, Taiwan
(MOST 109-2314-B-532 -004 -)

- 成癮父母對其子代發生神經發展疾患的風險與機轉研究 (Aug. 2023- Jul. 2024)

Funder: National Science and Technology Council, Taiwan
(NSTC 112-2314-B-695-001-)

- Establishing a polygenic risk prediction model underlying disease susceptibility and drug response of the common epilepsies: Taiwan- specific and trans-ancestry genome-wide analyses. (Sep. 2022- Aug. 2023)

Funder: National Science and Technology Council, Taiwan
(NSTC 111-2314-B-002-299)

- Addiction biomarker combine optical fiber nanotechnology development. (Nov. 2020- Apr. 2022)

Funder: Ministry of Science and Technology, Taiwan
(MOST 109-2622-B-400-003-)

- Improving quality of care in methadone treatment programs. (Jan. 2020- Dec. 2021)

Funder: Ministry of Health and Welfare, Taiwan
(M09B8140; M1002047)

- Precision mental healthcare in alcohol addiction: systemic review and meta-analysis of alcohol dependence and treatments & estimate risk factors of alcoholics in a psychiatric center in Taiwan. (Sep. 2019- Aug. 2021)

Funder: Ministry of Science and Technology, Taiwan
(MOST 108-2314-B-695-002)

- The investigation of longitudinal cognitive heterogeneity in bipolar disorder: the clinical risk factors and genetic variants model prediction. (Aug. 2018- Oct. 2019)

Funder: Ministry of Science and Technology, Taiwan
(MOST 107-2314-B-532-001)

LICENSURE AND CERTIFICATION

- Diplomate, National Board of Psychiatry, Taiwan 2008-present
- National Board of General Medicine, Taiwan 2004-present