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#### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Department of Medicine, National Taiwan University, Taipei, Taiwan ROC	B.M.(M.D. equivalent)	1999	Medicine
Graduate Institute of Epidemiology, National Taiwan University, Taipei, Taiwan ROC	M.Sc.	2007	Epidemiology
Graduate Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan ROC	PhD	2014	Epidemiology
Department of Health Care Policy, Harvard Medical School, MA, USA	Visiting Scholar	2019	Epidemiology & Machine Learning

#### **Professional Positions:**

- 2021- Associate Investigator/Attending physician, National Center for Geriatrics and Welfare Research, National Health Research Institutes
- 2021- Adjunct attending physician, National Taiwan University Hospital, Yunlin branch
- 2015-2021 Attending psychiatrist/Clinical assistant professor, Department of Psychiatry, National Taiwan University Hospital, Taipei, Taiwan
- 2007-2015 Attending psychiatrist, Department of Psychiatry, Far East Memory Hospital, New Taipei City, Taiwan
- 2005-2007 Clinical research fellow, National Health Research Institute, Taipei, Taiwan
- 2001-2005 Resident, Department of Psychiatry, National Taiwan University Hospital, Taipei, Taiwan
- 2000-2001 Resident, Department of Emergency Medicine, National Taiwan University Hospital, Taipei, Taiwan

#### **Award**

- Poster award in the 44<sup>th</sup> Annual Conference of Taiwanese Society of Psychiatry, 2005
- FEMH Outstanding Research Browse Award, 2012
- Outstanding Research Award of Taiwanese Society of Psychiatry, 2012
- Outstanding Research Award of Taiwanese Society of Psychiatry, 2013
- WPA Poster Award, WPA Osaka, 2015
- Outstanding Research Award of Taiwanese Society of Psychiatry, 2017
- Outstanding Research Award of Taiwanese Society of Psychiatry, 2020

**Relevant Publications:**

1. Wu CS\*, Yang AC, Chang SS, Chang CM, Liu YH, Liao SC, Tsai HJ. Validation of Machine Learning-Based Individualized Treatment for Depressive Disorder Using Target Trial Emulation. *Journal of personalized medicine* 2021, 11, 1316
2. Wu CS, Hsu LY, Pan YJ, Wang SH. Associations between antidepressant use and advanced diabetes outcomes in patients with depression and diabetes mellitus. *The Journal of Clinical Endocrinology & Metabolism*, 2021, 106 (12), e5136-e5146
3. Chien YL, Wu CS\*, Tsai HJ. The comorbidity of schizophrenia spectrum and mood disorders in autism spectrum disorder *Autism Research* 2021. 14 (3), 571-581
4. Dai HJ\*, Su CH, Lee YQ, Zhang YC, Wang CK, Kuo CJ, Wu CS\*. Deep Learning-Based Natural Language Processing for Screening Psychiatric Patients. *Frontiers in Psychiatry* 2021, 11, 1557
5. Wu CS, Shang CY, Lin HY, Gau SSF. Differential Treatment Effects of Methylphenidate and Atomoxetine on Executive Functions in Children with Attention-deficit Hyperactivity Disorder. *Journal of Child and Adolescent Psychopharmacology* 2021. 31 (3), 187-196
6. Chang CC, Wu CS, Tseng HY, Lee CY, Wu IC, Hsu CC, Chang HY, Chiu YF, Hsiung CA. Assessment of incident frailty hazard associated with depressive symptoms in a Taiwanese longitudinal study. *International Psychogeriatrics (ePub)*
7. Chen TY, Winkelman JW, Mao WC, Tzeng NS, Kuo TBC, Yang CCH, Tsai HJ, Wu CS\*. Real-world evidence on the use of benzodiazepine receptor agonists and the risk of venous thromboembolism. *Journal of Thrombosis and Haemostasis* 2020 Nov;18:2878–2888
8. Wu CS, Hsu LY, Wang SH. Association of Depression and Diabetes Complications and Mortality: A Population-based Cohort Study. *Epidemiology and Psychiatric Sciences* 2020 Jan. 29, e96
9. Lin CY, Chen IM, Tsai HJ, Wu CS\*, Liao SC\*, Effectiveness of electroconvulsive therapy on treatment-resistant depressive disorder: A population-based mirror-image study. *Journal of Psychiatric Research* 2020 Feb. 121, 101-107
10. Wu CS, Kuo CJ, Su CH, Wang SH, Dai HJ. Text mining approach to extract depressive symptoms and to validate the diagnosis of major depressive disorder from electronic health records *Journal of Affective Disorder* 2020 Jan, 260, 617-623
11. Liu SK, Chang JC, Tsai HJ, Wu CS\*. Comparisons of the clinical outcomes between early- and adult-onset bipolar disorders: a prospective cohort analysis *Journal of Affective Disorder* 2020 Jan. 260, 1-10
12. Wu CS, Luedtke AR, Sadikova E, VanderWeele TJ, Tsai HJ, Liao SC, Liu CC, Gau SSF, Kessler RC. Development and Validation of a Machine Learning Individualized Treatment Rule for Patients with First-episode Schizophrenia *JAMA Network Open* 2020 Feb. 3 (2), e1921660