Chia-Le Yen

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EDUCATION

National Taiwan University — Taipei, Taiwan
M.A. in Economics — September 2024 – Present

National Taiwan University — Taipei, Taiwan
B.A. in Economics & Social Work (Double Major) — September 2019 – June 2024

PRACTICUM & VOLUNTEER EXPERIENCE

Department of Social Welfare, Taipei City Government — July 2023 – August 2023
Social Work Intern (Full-time, Unpaid; 40 hours / week; 240 hours total)

- Conducted a needs and resource assessment in a rural neighborhood with many older smallholding farmers, identifying transportation barriers and proposing practical strategies to enhance community participation.
- Designed and facilitated a dementia-prevention program engaging more than 20 older adults in co-creating a "Community Life Map," using shared memories to promote cognitive engagement and social connection.
- Initiated a "cooperative exchange program" between two neighboring communities, coordinating with local managers to organize surplus trading events that built social ties and mutual support.

Pley School Organization — September 2022 – January 2023
Social Work Intern (Part-time, Unpaid; 12 hours / week; 200 hours total)

- Collaborated with the Taiwan Fund for Children and Families to design and facilitate weekend courses for about 15 children aged 6–12 from low-income fishing families in Keelung, using storytelling and games to connect learning with community life and strengthen children's sense of identity and cooperation.
- Wrote weekly articles for the organization's children's publication, developing discussion topics and selecting international news aligned with the UN Sustainable Development Goals (SDGs) to create free, accessible reading materials.
- Developed a Python-based automated accounting system to streamline financial tracking and improve organizational efficiency.

Pinglin Sprout Club, National Taiwan University — September 2021 – January 2022
Academic Counseling Volunteer (Part-time, Unpaid; 2 hours/week; 1 semester)

- Served as an academic counseling volunteer in Pinglin, supporting elementary school students in an under-served rural area through after-school tutoring and learning guidance.

RESEARCH EXPERIENCE

Department of Social Work, National Taiwan University — March 2022 – Present
Research Assistant, Supervisors: Shiau-Fang Chao, Yu-Chih Chen, Julia Shu-Huah Wang

- Contributed to the government cooperation project "Issue-Oriented Big Data Analyses on Social Inclusion and Smart Governance," collaborating with a cross-disciplinary team to clean, integrate, and model large-scale administrative data; constructed composite indicators under a multidimensional disadvantage framework to assess supply–demand mismatches in long-term care and inform equitable welfare planning.
- Coauthored with Prof. Shiau-Fang Chao a paper using linked National Health Insurance (2015) and Taiwan Longitudinal Study on Aging (2015–2018) data to examine how loneliness affects patterns of healthcare utilization among older adults.
- Coauthored with Prof. Julia Shu-Huah Wang a quantitative analysis, integrating nationwide tax and household registration data (2022) to estimate the eligibility and take-up rates of low-income subsidies, contributing to welfare evaluation and policy design.
- Collaborated with Prof. Julia Shu-Huah Wang on a comparative policy study of major European and Asian cities, examining welfare differences across urban–rural contexts, family structures, and life-course stages; conducted quantitative analyses and visualized cross-regional disparities to assess the design and equity of social safety nets.

- Assisted Prof. Shiau-Fang Chao in a survey project of hundreds of older adults across Taiwan, linking mental health assessments with geospatial and environmental data to explore the relationship between living environments and psychological well-being.
- Participated in a peer-review training session with Prof. Yu-Chih Chen and jointly reviewed a manuscript for BMC Geriatrics, providing a methodological assessment that led to a recommendation for rejection based on analytical rigor.
- Processed and restructured the Health and Retirement Study (HRS) dataset from waves 4–16 (1998–2022) into a comprehensive longitudinal database with detailed documentation, facilitating reproducible cross-wave aging research.

Department of Economics, National Taiwan University   September 2022 – Present
Research Assistant, Supervisor: Kuan-Ming Chen

- Coauthored with Prof. Kuan-Ming Chen, linking administrative datasets and applying a triple-difference estimation to identify the effect of receiving low-income subsidies on the occurrence of domestic violence.
- Analyzed data from Taiwan's Survey of Family Income and Expenditure (1976–2022) to decompose the factors driving long-term changes in labor-force participation and compare these dynamics with economic trends across OECD countries.

PUBLICATIONS

Chao, S. F., Hsu, H. C., **Yen, C. L.**, & Chen, B. Y. (2025). Examining the longitudinal influence of loneliness on healthcare utilization: Evidence from Taiwan's National Health Insurance data. *BMC Geriatrics, 25*(1), 410. https://doi.org/10.1186/s12877-025-06088-0

Wang, S. H., Chen, K. M., **Yen, C. L.**, Chiang, W. H., Chiang, P. C., Wu, C., Lin, C. Y., Wu, P. H., Liang, J. C., Chang, F. L., Wang, Y. C., Shen, C. W., Cheng, C. K., & Yu, H. I. (Under Review). The Impact of Putative Income Regulations on Social Assistance: A Policy Simulation Study Using a Model Family Approach and Administrative Data. Submitted to *Journal of Social Sciences and Philosophy* (in Mandarin).

TEACHING EXPERIENCE

Big Data Analysis in Social Welfare (MSW Level)   September 2025 – December 2025
Guest Speaker / Teaching Assistant, Instructor: Yu-Chih Chen

- Delivered two guest lectures introducing Taiwan's open data platforms and basic regression analysis using R, and provided individual consultations to students on technical issues and statistical methods.

Social Work Research Methods (BSW Level)   November 2023, April 2025
Guest Speaker, Instructor: Julia Shu-Huah Wang

- Led an R workshop using a randomized controlled trial dataset to demonstrate data cleaning, visualization, and basic statistical analysis and interpretation.

LEADERSHIP EXPERIENCE

Chairperson, NTU Social Work Student Association   August 2020 – July 2021

- Chaired a 45-member Social Work Student Association, organizing advocacy campaigns, social events, and service initiatives that strengthened student welfare and fostered connection across cohorts.

Organizer, Orientation Camp   June 2020 – September 2020

- Led the three-day orientation camp for 130 participants, collaborating across 3 departments to design activities that helped incoming students adapt to campus life and build cross-department peer connections.

SKILLS & LANGUAGES

Programming & Data	Python, R, Julia, Matlab, Stata, SPSS, LaTeX
Research Methods	Causal Inference, Machine Learning, Spatial Analysis, Text Analysis, etc.
Social Work Competencies	Program Evaluation, Policy Analysis, Community Assessment
Languages	Mandarin (Native), English (TOEFL iBT: 103)