

Feng-Yi Liu
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EDUCATION

- 2021 (expected) Doctor of Philosophy, Social Work (Ph.D.)**
School of Social Work
Rutgers, The State University of New Jersey
New Brunswick, NJ
Dissertation: *How are Maternal Social Support and Social Ties associated with the Social-Emotional Development of Toddlers? Comparison of Native-Born and Immigrant Families.*
- 2015 Master of Arts (MA)
Department of Statistics
Columbia University in New York City
New York, NY.
- 2011 Master of Arts (MA)
Department of Social Welfare
Thesis: *The Ways to Success? Job Search Methods and Occupational Prestige*
National Chung Cheng University (NCCU)
Chiayi, Taiwan
- 2008 Bachelor of Arts (BA)
Department of Social Welfare
National Chung Cheng University (NCCU)
Chiayi, Taiwan

RESEARCH INTERESTS

Early childhood education and care policy, Immigration policy, Immigrant child well-being, Child poverty, Child Social-Emotional Development, Comparative analysis of social welfare policies, Computational social science.

TEACHING INTERESTS

Social Welfare Policies, Research Methods, Statistics.

Awards

- 2021 Rutgers Doctoral Student Academic Advancement Support Program. (Funding Award \$17,500).
- 2019 Rutgers Research Traveling Awards, support for academic conference presentation at Society for Social Work and Research (SSWR) in 2019.
- 2017 Rutgers GA Professional Development Awards, support Project “*Double Left Behind Children in NYC: The childcare arrangement among disadvantaged Chinese immigrant families*”
- 2016 Rutgers Special Study Award. For Interuniversity Consortium for Political and Social Research (ICPSR) Summer Program University of Michigan, Ann Arbor.

PUBLICATIONS

Peer-Review Journal Publications

- Duron, J. F., Williams-Butler, A., **Liu, F. Y.**, Nesi, D., Faye, K. P., & Kim, B. K. E. (2021) The influence of Adverse Childhood Experiences (ACEs) on the functional impairment of justice-involved adolescents: A Comparison of baseline to follow-up reports of adversity. *Youth Violence & Juvenile Justice*.
- Yeh, M.J. & **Liu, F.Y.** (2020). Marriage, Family, and the Ethics of Procreation. *Journal of Population Studies*.
- Hong, M. & **Liu, F.Y.** (2018). The effect of public policies on the Middle Class in Taiwan, South Korea, and Japan. *Journal of Social Policy & Social Work*.
- Kim, J, & **Liu, F.Y.** (2021). Mothers’ Nonstandard Work Schedules and the Use of Multiple and Center-Based Childcare. *Children and Youth Services Review*, 106156.

Manuscripts Under Review

- Kim, B.K. E., Fay, K., Thompson, N., **Liu, F.Y.**, & Williams-Butler, A. (Under review). Consequences of being transferred to adult court as juveniles: Racial disparities in justice involvement through adulthood. Submitted to *Criminal Justice and Behavior*.
- Yeh, M.J. & **Liu, F.Y.** (Under review). Towards universal childcare coverage: A missing piece of social solidarity in East Asian Welfare Systems.

PRESENTATIONS

- Kim, J., & **Liu, F.Y.** *Effects of Mothers’ Nonstandard Work Schedules on the Use of Multiple Child Caregivers and Center Care*. Paper presented at Society for Social Work and Research 23rd Annual Conference, San Francisco CA., 2019.
- Liu, F.Y.** *Double Left behind Children: Immigrant, Poverty, and Child Care Arrangements in Low Income Chinese American Community in New York City*. Paper presented at Eastern Sociological Society, Baltimore ML., 2018.
- Chuang, C., & **Liu, F.Y.** *Comparative Advantage vs. Opportunity Cost: Considerations in Affecting the Decision Making of Work-family tradeoffs*. Paper presented at American

Sociological Association 2014 Annual Meeting, Theme: The Impact of Economic Inequality on family and individualism, San Francisco CA., 2014.

Liu, F.Y., & Wang, S.Y. (2013) "How and Why We Choose This Childcare Arrangement? Factors Contributing to Parent's Selection for Childcare" Association for Public Policy Analysis & Management 2013 Fall Research Conference, Them: Power of the Past- Force for the Future, Washington DC., Nov 7-9 2013.

Chuang, C., & **Liu, F.Y.** (2013) "Missing the Boat: Re-examining the Relationship between Schooling and On-the-Job Training Offered by Company": American Sociological Association 2013 Annual Meeting, Theme: Interrogating Inequality: Linking Micro And Macro, New York City, Aug 10-13, 2013.

Wang, S.Y., & **Liu, F.Y.** (2012) "How and why we choose this childcare arrangement? Factors contributing to parents' selection for childcare type in Taiwan": ISA Research Committee on Poverty, Social Welfare and Social Policy (RC19), Oslo Norway, August 23 - 25, 2012.

Liu, F.Y., & Yeh, H. (2011) "The Ways to Success? Job Search Methods and Occupational Prestige": The International Conference on Social Stratification and Social Mobility, ISA Research Committee on Social Stratification (RC28), University of Iowa, Iowa City, August 9-12, 2011.

TEACHING

2019 Fall Part-Time Lecturer, Graduated Course RESEARCH METHOD II in the School of Social Work at Rutgers University in Newark, NJ.

2009 Fall Executive Assistant and Preparation Committee Member
Dr. Yu Xie's lecture, National Chung Cheng University

2010 Spring Teaching Assistant of Professor Jun-Rong Chen's course Social Inequality
Department of Social Welfare, National Chung Cheng University

2010 Fall Teaching Assistant of Professor Hsiu-Jen Yeh's course Social Study Methods
Department of Social Welfare, National Chung Cheng University

2010 Fall Organizer of Study Group on Quantitative Study Methods
Department of Social Welfare, National Chung Cheng University
- Set up website: <https://sites.google.com/site/swstudygroup/>
- Lectured on Stata and EndNote

2011 Spring Teaching Assistant of Professor Hsiu-Jen Yeh's Social Study Methods
Department of Social Welfare, National Chung Cheng University.
- Lectured on data analysis.

2011 Spring Teaching Assistant of Teaching Excellence Project
Department of Social Welfare, National Chung Cheng University.

RESEARCH EXPERIENCE

Independent research in the School of Social Work at Rutgers University, New Jersey

Topic: *Effects of Mothers' Nonstandard Work Schedules on the Use of Multiple Child Caregivers and Center Care.*

Advisor: Dr. Jeounghee Kim

Research internship in the School of Social Work at Rutgers University, New Jersey

Topic: *Double Left behind Children: Immigrant, Poverty, and Child Care Arrangements in Low Income Chinese American Community in New York City*

Advisor: Dr. Michael McKenzie

Child Wellbeing Center, Department of Child and Family in New Jersey

Data Scientist- Data Management

- Extracted and linked New Jersey child wellbeing disparate data sources (2 TB) from state/local agency to maintain public-facing open data website with MySQL.
- Validated extracted data information from New Jersey child wellbeing disparate data sources with MySQL and R.

Rutgers University, New Jersey

Data Scientist/Analytics

- Provided statistics consultation for analyzing, modeling, and predicting variables for child wellbeing research projects.
- Provided program and policy suggestions based on the extensive social science knowledge and data science practical experience in statistical modeling.
- Processed the Federal government datasets, such as the Early Childhood Longitudinal Survey, Survey of Income and Participation Program, American Time Used Survey.
- Visualized demographics of American family structure trend from 1980 to 2017 using the Current Population Study in the US Census Bureau.

PRACTICE EXPERIENCE

2021	Research Data Analyst.	Institute of Health, Rutgers. NJ
2008-2009	Clinical Social Worker.	Army Military Service, Taiwan's Army. Taiwan. <ul style="list-style-type: none">• Evaluated effectiveness of interventions for soldiers, soldier mental health service.• Provided educational programs to enhance public awareness of Gender Discrimination.
2014	Data Analyst.	Envisii, LLC., New York City, NY.
2014	General Assistant	Columbia University Library, New York City, NY.

PROFESSIONAL AFFILIATIONS

Association for Public Policy Analysis & Management (APPAM)

The Council of Social Work Education (CSWE)

The Society for Social Work and Research (SSWR)

PROFESSIONAL DEVELOPMENT

2015 - Present Graduate Statistician Accreditation, American Statistical Association.

Research Skill Training

- 2016 Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in University of Michigan, Ann Arbor.
2019 Summer Institute in Computational Social Science (SICSS) Workshop

Statistical Skills: Bayesian Data Analysis, Propensity Score Matching, Survival Analysis, Hierarchical Linear Model, Social Network Analysis, GLM, Log-Linear Model, Geographic Information System, Spatial Regression Model.

Programming Skills

Programming Software: Python

Data Base Software: Oracle SQL

Statistics Software: R, SAS, Stata, SPSS

Data Visualization Software: Illustrator, Tableau

Structural Equation Modeling: LISREL, EQS

Geographic Information Systems and Spatial Analysis: ArcGIS, GeoDA, QGIS

SERVICE

- 2020 Movie Director and Producer, Title: *Sea Formosa*. Was reported by National Public Radio (NPR) "*Thousands More Overseas Taiwanese Register for Key Elections Than for Last Vote*"
- 2017-2018 Vice President, Taiwan Study Association, Rutgers University
- 2016 Director, Activities Coordinator. In the Civic Hackathon at G0V@NYC