

QIYU DENG

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Department of Sociology, Maxwell School of Citizenship and Public Affairs

Syracuse University, Syracuse, NY, 13244

Education

- 2024 - **Ph.D. in Sociology**
Syracuse University, Syracuse, NY
- 2023 **Master of Public Administration**
Cornell University, Ithaca, NY
- 2020 **Bachelor of Management in Auditing**
Nanjing Audit University, Nanjing, China

Research Interests

Global population aging, social determinants of health, demographic methods, quantitative analysis

Data Analysis Skills

- Quantitative Analysis: Stata, RStudio, Tableau
- Qualitative Analysis: Dedoose

Research Projects

MPA Capstone Project: Salud Mesoamérica Initiative(SMI) Inter-American Development Bank

- Analyzed the relationship between maternal COVID-19 vaccination hesitancy and post-pandemic routine childhood vaccination rate; specifically constructed logistic regression models using pooled data of two Latin American countries focusing on MMR vaccination status and pentavalent vaccination status
- Researched journal articles on PubMed and international organizations' grey literature, composed an annotated bibliography that highlights previous research of three main themes: 1) Routine Childhood Vaccination Coverage Before, During and Post-COVID-19 Pandemic 2) COVID-19 Vaccination Hesitancy Indicators 3) Childhood Routine Vaccinations Hesitancy and Perceptions given COVID-19
- Employed Stata to cleanse, transform, and integrate complex household and health facility survey data with distinct data structures and generated comprehensive summary statistics to draw conclusion on differences between vaccinated and unvaccinated mothers and children

Exploring Filial Responsibility and Intergenerational Support Among Chinese Adults with Intentions to Reside Abroad

- Designed interview instruments encompassing interview logistics, confidentiality forms, preliminary interview questions, and formulated data management protocols; collected sample data through 7 semi-structured interviews conducted via Zoom and in person
- Conducted a literature review using JSTOR, PAIS Index, and ANNUAL REVIEWS with a focus on post-immigration filial responsibility and intergenerational support, eldercare burden, productive aging, family care and long-distance care
- Extracted descriptive findings concerning filial responsibility perceptions, filial expectations, and long-distance eldercare solutions; identified long-distance eldercare challenges currently experienced or potentially anticipated among overseas Chinese adults

How Do Demographic and Socioeconomic Factors Affect the Uninsured Rate at the County Level? — Empirical Evidence of Census Data from 2010 to 2019

- Employed a fixed effect model to investigate the relationship between socioeconomic factors and the uninsured rate using panel data (county-level) from American Community Survey (2010-2019) provided by U.S. Census Bureau
- Conducted a literature review using databases such as PubMed and grey literature from healthcare research institutions, focusing on characteristics of the uninsured population in the United States, the impact of lacking health insurance, the relationship between socioeconomic factors and health insurance coverage, and market and policy implications related to the uninsured issue

Awards and Fellowships

2024	Data Training Tuition Award, Coordinating Center for the Centers on the Demography and Economics of Aging and Centers on the Demography and Economics of Alzheimer's Disease/Alzheimer's Disease and Related Dementia
2024-2025	University Fellowship, Syracuse University

Specialized Training

2024	Introduction to the Health and Retirement Study (HRS) Summer Workshop
2023	The ICPSR Summer Program in Quantitative Methods <i>Causal Inference for the Social Sciences, Data Visualization, Panel Data and Longitudinal Analysis, Introduction to Python</i>

Professional Membership

Interdisciplinary Association for Population Health Science
American Sociological Association