Ye LIU

liu.ye1@alumni.lshtm.ac.uk
Adress: Guangzhou, Guangdong, China, 520000 | Tel: +86 13068196815

PROFILE

- Statistical & Analytical: **R, Stata, SPSS, Mplus** (Regression analysis, Survival analysis, GEE, Mixed-methods research, Systematic reviews, meta-analysis)

- Qualitative data analysis(Focus group, Interview,Co-creation)

- Data visualization

- Clinical experience

- Implementation science

EDUCATION

- **MSc Public Health**, **London School of Hygiene & Tropical Medicine**, UK (2020–2021)

- **Bachelor of Medicine**, Public Health, Guangzhou Medical University, China (2015–2020)

RESEARCH

Pay-it-Forward STI Testing RCT (UNC–Project China) (Aug 2023–Present)

- Coordinated a cluster randomized controlled trial (RCT) on pay-it-forward STI testing among MSM in Guangdong, China.

- Managed participant recruitment, follow-up, and site coordination.

- Conducted advanced **statistical analyses (R, Stata, SPSS)**.

- **Led an AMR sub-study** to evaluate Neisseria gonorrhoeae antimicrobial resistance trends using MIC-based indicators across intervention vs. control cities.

Digital Partner Notification & Self-sampling (WeChat Mini-app) (2023–Present)

- **Designed and implemented** a digital intervention enabling STI patients to notify partners for self-sampling.

- Developed simplified referral pathways (patient → partner → self-sampling → result → referral).

- Produced SOPs and visual templates for clinical integration.

Gamified Co-creation for Digital STI Management (2023–Present)

- Organized participatory workshops with doctors, patients, and CBOs to co-create gamified digital health interventions.

- Designed guiding scripts, visual templates, and evaluation metrics.

- Piloted gamification elements to improve user engagement and ownership.

Mutual Aid Interventions in HIV/STI – Systematic Review (Aug 2023–July 2025)

- Conducted database searches, critical appraisal, and data synthesis.

- Produced evidence summaries and manuscripts.

PUBLICATION

- **Liu Y(1rd author**), et al. (Under review). Financing STI Testing among Men in China: A Mixed-Methods Study of Pay-it-Forward Monetary Donations. PLOS ONE. (*First author; responsible for all quantitative analysis, partial qualitative analysis, and manuscript drafting*)

- Tucker JD, et al., **Liu Y** (**3rd autho**r). (Under review). Pay-it-Forward Gonorrhea and Chlamydia Testing: A Transformative Mixed-Methods Randomized Controlled Trial Among Men in China. **Lancet Global Health**. (*Performed comprehensive data analysis, data cleaning, and management*)

- **Liu Y**, et al. Gift-based interventions in HIV/STI research: A systematic review and qualitative evidence synthesis. JAMA Network Open. (*Second author; major contribution to systematic review and qualitative synthesis*)

- Huon C, Marley G, Tan RKJ, Wu D, Sheng Q, **Liu Y**. (2024). Sociodemographic characteristics, community engagement, and stigma among MSM attending sexual health clinics in China: A cross-sectional survey. PLOS ONE. (*Published; responsible for data collection, analysis, and data cleaning*)

- Han Y, Yan X, Zhi W, **Liu Y**, Xu F, Yan D. (2022). Long-term outcomes following microwave ablation of lung metastases from colorectal cancer. Frontiers in Oncology. (Responsible for data analysis, primarily survival analysis)

- **Liu Y** (3rd author), et al.Community engagement and implementation science: A hermeneutic review for implementation scientists(submission)

WORK & INTERNSHIPS

- **Research Assistant, University of North Carolina at Chapel Hill – Project China** (Aug 2023–Present)

- Intern, Guangdong Women and Children Hospital, China (May 2020): Participated in designing the perinatal mental health management framework.

- Intern, Guangdong Hospital for Occupational Disease Prevention and Treatment, China (Aug 2019–Jan 2020): Assisted in occupational risk assessment research and workplace health monitoring. Developed health education guidelines and content.

- Intern, Guangdong Hospital for Occupational Disease Prevention and Treatment, China (Jun 2019–Aug 2019): Conducted surveillance of occupational health hazards at Daya Bay Nuclear Power Plant. Created public health education videos and articles on occupational health.

LANGUAGE

- Fluent English, Native Mandarin, and Cantonese