Tzu-Hsuan (Jessy) Yang

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EDUCATION

Boston University School of Public Health | Boston, MA, USA May 2024
Master of Public Health, Epidemiology and Biostatistics (GPA: 3.89/4.0)

- Relevant Courses: Drug Epidemiology, Health Economics, Intermediate Statistical Computing and Applied Regression Analysis, Data Science and Statistical Modeling, Genomics Data Mining and Statistics, From Data to Dashboards
- *Capstone:* Effect of digoxin on mortality and hospitalization (Advisor: Dr. Howard J. Cabral)
- Academic project deliverables **[link]**

Taipei Medical University | Taipei, Taiwan Jun 2016
Bachelor of Science, Public Health (GPA: 3.50/4.0)

- Health Educator, Epidemiology Social Service 2014

TECHINCAL SKILLS AND CERTIFICATION

- **Programming:** R, SAS, SQL, Python, and MS Excel
- **Research Management:** 4+ years of experience in working with healthcare professionals (HCPs) on phase III clinical trials in the pharmaceutical/biotech industry and well-acknowledged in ICH/GCP Guidelines
- **Certificates:** SAS Certified Specialist: Base Programming, *SAS Institute* – Feb 2024 (perfect score 1000/1000)

WORK EXPERIENCE

Boston Collaborative Drug Surveillance Program | Lexington, MA, USA Jul 2024 – Present
Research Intern

- Investigated the association between osteoporosis treatments and cardiovascular outcomes among women
- Utilized UK Clinical Practice Research Datalink (CPRD) Aurum Database and Hospital Episode Statistics (HES) data
- Contributed to exposure and case definition, code list validation, and data analysis using R (Manuscript in preparation)

Boston University School of Medicine | Boston, MA, USA Feb 2024 – May 2024
Research Assistant, **Division of Pediatric Dermatology**, Advisor: Dr. Margaret S. Lee

- *Project:* Improving the Parent Experience when Diagnosing Vascular Anomalies: A Survey Study
  - Contributed to qualitative and quantitative data analysis using SAS as a co-first author
  - Collaborated and communicated with interdisciplinary team to support abstract drafting
  - Poster presented: Annual conference meeting of Society of Pediatric Dermatology

Candela Medical | Marlborough, MA, USA Jun 2023 – Oct 2023
Clinical Research Intern, Data Management Team

- Assisted in database development, data entry, data verification, and query management to ensure clinical trial data integrity
- Collaborated with cross-functional teams and generated data reports to facilitate remote monitoring visits
- Performed data analysis and produced analysis report for a clinical study investigating the safety and efficacy of company's laser device in patients with benign pigmented lesions and wrinkles
- Conducted literature review to present findings and insights into the performance of the laser device

ICON plc | Taipei, Taiwan
Clinical Research Associate, **Providing Services to Novo Nordisk** Aug 2020 – Sep 2021
Hematology (Haemophilia A and B) and Metabolism and Endocrinology studies (T2DM)

- Identified issues and communicated with medical staff, resulting in a 30% improvement in patient recruitment and retention
- Carried out pre-study/feasibility visits, contract and budget negotiation, site initiation visits, and site personnel training
- Implemented risk-based monitoring (RBM); performed source data verification (SDV) and source data review (SDR), and promptly resolved queries to achieve interim database locks
- Generated system reports periodically to ensure proper conduct of investigational product accountability and dispensing, electronic patient-reported outcome (ePRO) questionnaires, and Electronic Data Capture system (EDC) data entry

Clinical Trial Assistant, **Providing Services to Bristol Myers Squibb**, Oncology studies (NSCLC) Mar 2020 – Aug 2020

- Managed completeness check for electronic Trial Master File (eTMF) and Clinical Trial Management System (CTMS)
- Responsible for IRB submission (e.g. initial, interim, SUSAR report) and received approval within tight deadlines
- *Awards:* Ownership and accountability in identifying client system issues, proposing solutions, and facilitating collaborations with other stakeholders

Safe Save Medical Cell Sciences & Technology Co., Ltd. | Hsinchu, Taiwan Apr 2017 – Mar 2020
Clinical Research Associate, Oncology studies (GBM, NSCLC)

- Conducted literature reviews to assist in developing clinical trial protocols and study materials
- Managed RA/IRB submissions and received first-in-the-country approval for multicenter phase III clinical trial in cell therapy
- Performed feasibility/site initiation/routine monitoring visits and site personnel training to ensure study compliance