Tzu-Hsuan (Jessy) Yang

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EDUCATION

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

- Relevant Courses: Intermediate Statistical Computing and Applied Regression Analysis, Data Science and Statistical Modeling, Genomics Data Mining and Statistics, From Data to Dashboards, Drug Epidemiology, Health Economics
- Recipient: Boston University School of Public Health Merit Scholarship ($18,317)
- Capstone: Effect of digoxin on mortality and hospitalization (Advisor: Dr. Howard J. Cabral)
- Academic project deliverables **[link]**

Taipei Medical University | Taipei, Taiwan — June 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, and MS Excel functions
- **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)
- **Languages:** Mandarin Chinese (native), English (proficient)

WORK EXPERIENCE

Boston University Graduate Medical Sciences | Boston, MA — February 2024 – present
Graduate Research Assistant, data analysis

- Assisted in the Vascular Birthmark Counseling Study to evaluate diagnosis experience through online survey data
- Conduct quantitative data analysis to identify the association between patient experience and perceived value, including different types of support received, time length of conversation with providers, and patient expectation
- Conduct qualitative data analysis to evaluate positive and negative experiences and feelings related to receiving a diagnosis for vascular birthmarks or syndromes from the parents' perspective
- Communicate with interdisciplinary team to support manuscript drafting and publication development as a co-first author

Candela Medical | Marlborough, MA — June 2023 – October 2023
Clinical Research Intern, data management

- Assisted in database development, data entry, data verification, and query management to maintain clinical trial data quality
- Generated data reports and worked collaboratively across different functional teams to facilitate remote monitoring visits
- Performed data cleaning and analysis for a clinical study investigating the safety and efficacy of company's laser device in patients with benign pigmented lesions and wrinkles
- Produced data analysis report presenting findings and insights into the performance of the laser device

ICON plc | Taipei, Taiwan — March 2020 – September 2021
Clinical Research Associate, providing services to Novo Nordisk
Hematology (Haemophilia A and B) and Metabolism and Endocrinology studies (T2DM)

- Identified issues and communicated with medical staff to improve patient recruitment and retention by 30%
- Carried out monitoring visits, source document verification, and query resolution to achieve interim database locks
- Generated system reports periodically to ensure proper conduct of investigational product accountability and dispensing

Clinical Trial Assistant, providing services to Bristol Myers Squibb
Oncology studies (NSCLC)

- 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 — April 2017 – March 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/routine monitoring visits and site personnel training to ensure study compliance and patient recruitment