Yiying Truxton, PhD

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Experience

Enablement Lead, Advanced Analytics and Data Acquisition, UCB, Atlanta, GA 2024 – Present

- Synthesizing insights to inform strategic decision-making from patient-level data analysis.
- Managing diverse Advanced Analytics project portfolios across various assets.
- Designing and implementing robust centralized knowledge management strategies.
- Performing hands-on analytics analysis for rare disease and neurology projects.

Technical Services Manager, Medical Metrics, Inc., Houston, TX 2020 – 2023

- Established and managed diverse project portfolios across various therapeutic domains.
- Implemented robust centralized knowledge management strategies.
- Served as a liaison between clinical teams, Key Opinion Leaders, and Subject Matter Experts to ensure successful project outcomes.
- Conducted comprehensive training sessions for internal teams and radiologists to ensure uniform and high-quality data collection practices.
- Pioneered the development of protocols, study reports, manuscripts, and Standard Operating Procedures for clinical trials, ensuring adherence to regulatory standards.

Post Doctoral Research Fellow, Georgia Institute of Technology, Atlanta, GA 2017 – 2020

- Secured a Department of Defense grant for oncology research, serving as the principal investigator.
- Managed grant-funded research projects, overseeing timelines, budgets, milestones, and deliverables for successful and timely completion.
- Lectured on a college-level electrical engineering class - Circuits and Electronics.

Graduate Research Assistant, University of Michigan, Ann Arbor, MI 2011 – 2017

- Collaborated on pre-clinical ultrasound research focused on cardiovascular applications, engaging with radiologists, physicists, and engineers.
- Conducted quantitative data analysis for cavitation-enabled ultrasound therapy.
- Presented findings at national and international conferences to disseminate research results.

Education

Georgia Institute of Technology, Atlanta, GA
Candidate for Evening M.B.A. 2023 – Present

University of Michigan, Ann Arbor, MI
Ph.D. Biomedical Engineering 2013 – 2017
M.S.E. Electrical Engineering: Systems 2011 – 2013

University of Birmingham, United Kingdom 2010 – 2011
B.S., Electronic and Electrical Engineering

Huazhong University of Science and Technology, China 2007 – 2011
B.S., Electrical Engineering (Dually enrolled at the **University of Birmingham**)

Skills	Technical writing | Python | SQL | R | MATLAB | Microsoft Suite | PowerBI
Languages	English (Professionally fluent) | Mandarin (Native)