

Jixin Li

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60 Haven Ave, New York, NY, 10032

Educational Background

Columbia University | New York, NY, U.S. | Sept. 2023 – May. 2025

Major: M.S., Biostatistics

Curriculum: Data Science, Biostatistics Method, Survival Analysis

Statistical skills: Probability, Hypothesis Testing

Virginia Polytechnic Institute and State University | Blacksburg, VA, U.S. | Aug. 2018 – May. 2022

Major: B.S., Biological Science

GPA: 3.80/4.0

Practical Experiences

Intern, Pfizer | Shanghai, China | Feb.2023 - June. 2023

- Collect and compile over 100 articles from PubMed on small-molecule antiviral drug treatment, and clinical immunological data from COVID-19 patients, including both normal population and those at elevated risk (e.g., organ transplant recipients and patients with B-cell hematologic malignancies).
- Gather information and compile a report from more than 20 clinical trials on the combined use of antibacterial and antiviral drugs (e.g., ceftazidime-avibactam and amikacin) along with their outcomes.
- Assist in the preparation of medical department meetings and record meetings from international conferences ECCMID and domestic expert discussions.
- Manage and update medical guidelines to dataset, create newsletters and presentation materials, translate meta-analyses paper from English to Chinese, quarter business plan from Chinese to English

Member, Integrated Research in Biostatistics and Data Analysis | Online | Feb.2022 - May 2022

- 5190 observations analyzed on 12 variables, including visits, gender, age, income, illness, health, etc.
- Collaborated with team members to utilize R Studio to process the data, made logistic regression, and selected models to analyze which variables in the dataset contributed to the use of healthcare utilization the most
- Generated a report to present the whole research process, including the conclusion and advice to the Australian government or citizens

Lionfish Project | Blacksburg, VA, U.S. | Mar. 2022 - Apr. 2022

- Observed the fish sample, measured the length, cut off a piece of stomach sample, and rinsed it times to avoid contamination
- Extracted DNA by adding cell lysis buffer and 100% ethanol to the sample and used several techniques to help extract and amplify the DNA sample, such as QIAamp Mini spin column, PCR, and gel electrophoresis
- Used FinchTV to pick up the reliable region after sequencing and pasting the sequence to the NCBI nucleotide blast to identify the species of sequence that the lionfish ate for food.

Skills

- Computer Skills:** R Studio, SAS, GitHub.