

Ziyan Chen

Graduate Student

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Education

- 2018-08 - present** **University of Florida College of Pharmacy (Gainesville), Department of Pharmaceutical Outcomes and Policy, Doctor of Philosophy (PhD) in Pharmacoeconomics**
GPA: 4.0
Advisor: Vakaramoko Diaby, PhD
Coursework: Measurement, Advanced Pharmacoepidemiology
- 2016-08 - 2018-05** **University of Florida College of Pharmacy (Gainesville), Department of Pharmaceutical Outcomes and Policy, Master of Science (M.S.) in Pharmaceutical Science**
GPA: 3.67
Advisor: Vakaramoko Diaby, PhD
Coursework: Data Analysis, Survival Analysis, Pharmacoeconomics, Pharmacomicroeconomics, Pharmacoepidemiology
- 2014-08 - 2015-12** **University of Southern California (Los Angeles), Master of Science (M.S.) in Stem Cell and Regenerative Medicine**
GPA: 3.79
Coursework: Developmental Biology, Bring Stem Cell to Clinic, Biological Imaging
- 2010-09 - 2014-06** **Sun Yat-sen University (Guangzhou, China), Bachelor of Science (B.S.) in Bioscience**
GPA: 3.5
Coursework: Biochemistry, Biostatistics, Ecology, Sociobiology

Research Experience

- 2018-09 - 2018-12** **Healthcare resource utilization and clinical outcomes in hospitalized patients with hepatic encephalopathy in the United States: A nationwide study**
Research Assistant for Dr.Vakaramoko Diaby, University of Florida
 - Data used: HCUP National Readmission Data
 - Role: Study design, Data analysis, Manuscript writing
 - Generalized Linear Mixed Model, Tweedie Regression model, Logistic Regression Model
- 2018-10 - 2018-12** **Healthcare resource utilization and clinical outcomes in patients with Alzheimer's disease and related dementias in the United States: A nationwide retrospective cohort study**
Research Assistant for Dr.Vassiki Sanogo, University of Florida
 - Data used: HCUP National Readmission Data

- Role: Data analysis

2018-02 - 2018-05 **Cost-effectiveness of Immunotherapy in hematologic malignancies: A Systematic Review**

Independent Study supervised by Dr. Vakaramoko Diaby, University of Florida

- Role: Comprehensive systematic review, Manuscript writing

2018-02 - 2018-05 **A value-based pricing study of Inotuzumab Ozogamicin for B-cell Precursor Acute Lymphoblastic Leukemia (B-cell ALL)**

Independent Study supervised by Dr. Vakaramoko Diaby, University of Florida

- Role: Literature review, Study design, Data analysis, manuscript writing
- Markov model, Cost-effectiveness analysis, Value-based pricing strategy

2017-09 - 2017-11 **Impact of treatment for Depression on Health Related Quality of Life-Mental Component Summary Score (QoL-MCS) among Adults with COPD and Depression**

Independent Study supervised by Dr. Hong Xiao, University of Florida

- Role: Literature review, Study design, Data analysis, manuscript writing
- Multiple Regression, Logistic Regression

Skills

Software: SAS 9.4 (Intermediate), R (Basic), SQL (Basic), Microsoft Excel (intermediate), Treeage (Basic)

Database: Healthcare Cost and Utilization Project (HCUP), Medical Expenditure Panel Survey (MEPS), National Health and Nutrition Examination Survey (NHANES)

Professional Experiences

2019-01 - present Teaching Assistant (Evidence-Based Pharmacy) — University of Florida, College of Pharmacy, Gainesville, FL

2018-08 - present Research Assistant — University of Florida, College of Pharmacy, Gainesville, FL

Professional Services/ Leadership

2018-08 - present **International Society for Pharmacoeconomics & Outcomes Research (ISPOR) UF Student Chapter**

Vice President

2016-08 - 2018-08 **International Society for Pharmacoeconomics & Outcomes Research (ISPOR)**

Member

Conferences

2018-11 International Society for Pharmacoeconomics & Outcomes Research (ISPOR) Europe 2018 (poster present)