

Motomori O. Lewis

Curriculum Vitae

EDUCATION

B.S. Biomedical Sciences (2015-2018)

B.S. Public Health (2015-2018)

University of South Florida, Tampa, FL

Ph.D. in Pharmaceutical Outcomes & Policy (2018-Present)

University of Florida, Gainesville, FL

Concentration: Pharmacoepidemiology

EXPERIENCE

Graduate Assistant (August 2018 – Present)

Department of Pharmaceutical Outcomes & Policy, College of Pharmacy, University of Florida, Gainesville, FL

- Facilitated data entry and analysis using SAS in community medication therapy management research collaboration with managed care and public health agencies

Summer Undergraduate Research at Florida (May – August 2017)

Department of Pharmaceutical Outcomes & Policy, College of Pharmacy, University of Florida, Gainesville, FL

- Conducted literature reviews for various research projects
- Organized and analyzed data through software applications, such as Excel and SAS
- Assisted with projects utilizing electronic health records to improve health outcomes at UF Shands Hospital
- Assisted faculty mentor by preparing manuscript drafts
- Participated in a GRE preparatory course and attended seminars to prepare students for graduate education
- Attended program workshops to actively learn about the scientific writing process, with a special focus on literature reviews, grant proposals, and manuscripts

Research Assistant (August – December 2017)

Department of Pharmaceutical Sciences, College of Pharmacy, University of South Florida, Tampa, FL

- Employed microbiology techniques to evaluate toxicity of nanomycin particles for inhibition of multidrug resistant bacteria
- Conducted lab experiments involving inoculating and identifying bacterial species, DNA extraction, minimum inhibitory concentration assays, biofilm culture, electrophoresis, PCR, live cell imaging, and nanodrug treatment
- Utilized technological aids such as EVOS fluorescence microscopy, ImageJ, and Celleste image analysis software to evaluate results

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LEADERSHIP

Treasurer, International Society for Pharmacoepidemiology Student Chapter (August 2018 – April 2019)

- Manages organization finances by keeping financial record
- Serves as a liaison with Student Government to gain funding and uphold university financial statutes for student organizations

Vice-President, Gator McKnights Unite (August 2019 – April 2020).

- Assisted in planning for events, meetings, and special projects for the organization.
- Coordinated preparations for all conferences.
- Generates all communications with members of the general body.
- Developed a semesterly newsletter publication highlighting the activities of McKnight scholars within the campus community.

PRESENTATIONS

Oral Presentations

Lewis M. Evaluating the Prevalence and Factors Associated with Hospital Readmissions in Patients with Sickle Cell Disease: A Review of the Literature. McKnight Doctoral Fellows Mid-Year Research & Writing Conference, Tampa, FL. February 23, 2019.

Lewis M, Wei YJ. Trends and Factors associated with Hydroxyurea Utilization among Commercially Insured Adults with Sickle Cell Disease, 2005-2018. McKnight Doctoral Fellows Mid-Year Research & Writing Conference, Tampa, FL. Luncheon Presenter. February 22, 2020.

Poster Presentations

Lewis M, Chen Z, Brown JD, Diaby V. Trends in healthcare utilization and mortality among patients with SCD, 2010-2016. UF College of Pharmacy 33rd Annual Research Showcase, Gainesville, FL. February 10, 2020.

FELLOWSHIPS & AWARDS

Southern Regional Education Board Institute on Teaching and Mentoring Travel Award (October 2019). Funds travel to the largest gathering of underrepresented minority PhD scholars in the nation. The conference provides training and networking opportunities to promote professional development and skills for success in academic careers.

Graduate School Preeminence Award (August 2018). Annual funding award offered to highly competitive PhD applicants at the University of Florida.

Board of Education Summer Fellowship (May 2018). Promotes acclimation to University of Florida for underrepresented students through seminars, professional development and writing experiences.

McKnight Doctoral Fellowship (May 2018). Provides funding for underrepresented students in STEM fields to pursue their doctoral degrees at select Florida state institutions.

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PROFESSIONAL AFFILIATIONS

- International Society for Pharmacoepidemiology (2018).
- International Society for Pharmacoeconomics and Outcomes Research (2018).
- Phi Eta Sigma National Honor Society (2016).