# Morningside Graduate School of Biomedical Sciences Clinical & Population Health Research Program

Announces the PhD Thesis Defense of

## SEUN OSUNDOLIRE

**Descriptive Epidemiology of Chronic Obstructive Pulmonary Disease In US Nursing Home Residents with Heart Failure**

Monday, May 22, 2023 at 9:30 a.m. in AS9.2072 and zoom

Multiple chronic conditions are common in nursing home residents, but descriptive epidemiologic studies are lacking. It is imperative to understand how these multiple chronic conditions affect older adults to improve their physical functioning, cognition, and quality of life. This project utilizes the Minimum Dataset, Medicare Master Beneficiary Summary File, and Medicare hospitalization (Part A, MEDPAR) data, which consists of virtually all nursing home residents in the United States between 2002 - 2018. Using quantitative methods, this dissertation provides foundational knowledge of the epidemiology of COPD in U.S nursing home residents with heart failure. The findings from this dissertation highlight the prevalence of COPD among nursing home residents with heart failure, challenges in the clinical management of this multi-morbid condition and the necessary multidisciplinary care approaches to manage COPD, heart failure, psychological distress (anxiety and depression) and associated comorbidities among these individuals.

| Mentor | Dissertation Exam Committee |
|---|---|
| Kate Lapane, PhD | Stephanie Lemon, PhD (Chair) |
| | Jonggyu Baek, PhD |
| | Robert Goldberg, PhD |
| | Shao-Hsien Liu, PhD |
| | Brian Quilliam, PhD (University of Rhode Island) - External Member |