

OGECHI N. IKEDIOSI

Cambridge Scholar 2003

Degree: Florida A & M University: Doctor of Pharmacy (Pharm.D.), 2003

Research Area: Pharmacogenomics



Ogechi Ikediobi is an International Baccalaureate diplomate and a summa cum laude graduate of the Florida A & M University with a Doctor of Pharmacy (Pharm.D.) degree in pharmacy and pharmaceutical sciences. As an undergraduate, Ogechi was named a Florida Bright Futures academic scholar, a distinguished academic scholar at her university, and won two first place prizes in the Minority Biomedical Research Symposium. She is also a member of the Rho Chi Pharmacy Honor Society. Ogechi has participated in various research opportunities, including work on long circulating monensin nanoparticles for the potentiation of immunotoxin and anticancer drugs at Florida A & M University, work on inhalation drug delivery department at 3M Pharmaceuticals, and on particle size determination of drug formulations at Shering Plough Pharmaceuticals. Her work has led to two publications. Outside of science, Ogechi enjoys traveling, writing short stories and poetry in her spare time and also plays tennis. As a Cambridge Scholar, Ogechi is working at the Wellcome Trust Sanger Institute under the mentorship of John Weinstein and Richard Wooster on correlating DNA sequence variations in a panel of cancer genes with responses to chemotherapeutic agents in 60 different cancer cell types. She has recently presented her preliminary findings at a Cold Spring Harbor Laboratory conference on pharmacogenomics. Part of her work on the characterization of DNA sequence variants in the NCI-60 cancer cell lines has been published online in a database of somatic mutations in cancer as a scientific public resource, in lieu of a paper publication. In the future, she would like to “lead a pharmacogenomics team to enhance therapeutic drug selection in clinical settings through basic genomic research.”